

**ANNUAL REPORT OF THE UNIVERSITY RESEARCH BOARD AND THE OFFICE
OF RESEARCH AND PROJECT ADMINISTRATION
2011-2012
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SECTION I

THIS SECTION FOCUSES ON SPONSORED RESEARCH EXPENDITURES FOR THE ACADEMIC YEAR 2011-2012.

ORPA EXPENDITURES FOR SPONSORED RESEARCH

COMMENTARY AND ANALYSIS

I. EXPENDITURES FOR SPONSORED RESEARCH BACKGROUND AND OVERVIEW

Advancing, preserving and disseminating knowledge is crucial to the University's dual mission: to conduct world-class research and to provide an unparalleled education to its undergraduate and graduate students. Furthermore, expenditures for sponsored research comprise about a quarter of the University's total operating budget. Consequently, the health of Princeton's sponsored research enterprise is vitally important to the University's success.

The national and global economic climate has a significant impact on the amount of external research support flowing into the University, which also is affected by Congressional appropriations to federal agencies that fund basic research, which provide the vast majority of the University's research funding.

FY 2012 Statistics

For the purpose of analyzing trends, a number of tables and charts are provided. The figures shown are in actual dollars that have not been corrected for inflation. Chart 1 details sponsored research expenditures since FY2000 for Princeton University and PPPL.

The grand total of FY 2012 sponsored research expenditures for the University and PPPL combined was \$275.7 million, a slight decrease over the previous fiscal year. The University expenditures totaled \$192.3 million, remaining flat from the previous year. During the same time period, PPPL experienced a 5.3 percent decrease over the previous year's level of sponsored research expenditures, with a total of \$83.4 million in FY 2012. (Tables 1 and 2)

Table 3 shows that there was a slight growth in Princeton's research expenditures in Humanities and Social Sciences by 4.5% (\$15.3M to \$16.3 M) and also in Engineering and Applied Sciences, up 2.3 percent (\$68.6M to \$70.2M). Natural Sciences was flat (\$79.7M to \$79.1M) 10.3 percent (\$72.3M to \$79.7M) and Humanities and Centers, Institutes and non-Departmental group dropped a surprising 8.8 percent (\$29.1M down to \$26.7M).

Sponsored Research at Princeton University (Exclusive of PPPL)

Funding for Princeton researchers is provided by a variety of external sponsors, and historically, the primary source has been Federal agencies. This pattern continued in FY 2012, with federal and state government funding providing \$138.9 million in research support. This comprises almost 72 percent of all sponsored research expenditures at the University (Chart 4-1).

The five leading government sponsors were the National Science Foundation, National Institutes of Health, the Department of Defense Agencies (including Army, Air Force, Navy, DARPA, NSA, and DTRA), the Department of Energy, and Department of Commerce (DOC). These agencies provided, respectively, \$48.7M, \$43.2M, \$21.1M, \$14.7M and \$5.8M in research funding during FY 2012. DOC replaced the National Aeronautics and Space Administration (NASA) as one of the top 5 agencies last year and this has remained the same this year. But NSF and NIH still serve as Princeton's primary government sponsors (Tables 2 and 3).

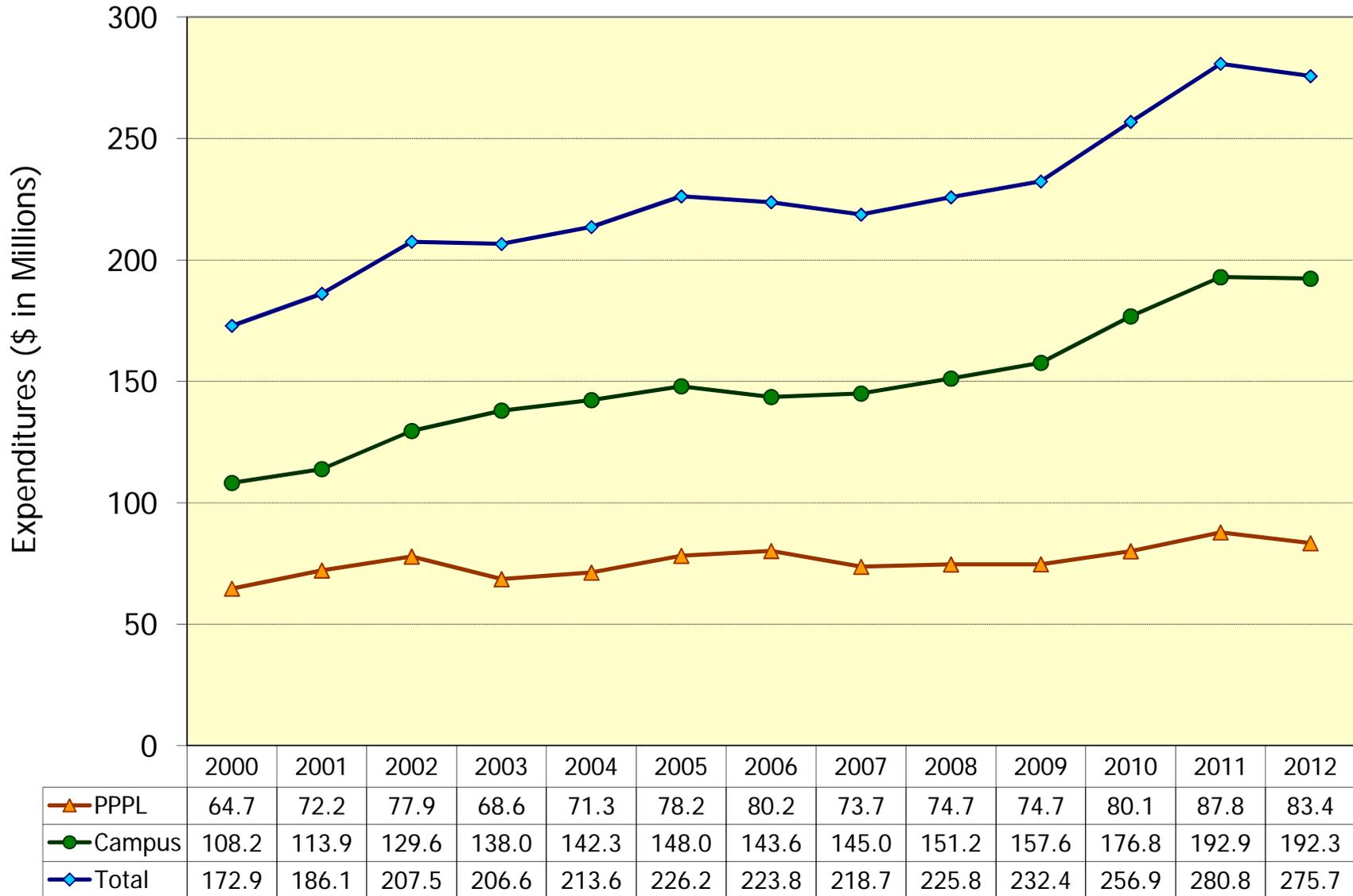
Tables 1 and 2 presents a five-year comparison of government sponsored expenditures from FY 2008-2012. Charts 4-1 and 4-2 shows the percentage of expenditures by sponsor for FY 2012. Charts 6-2 categorize federally funded subawards from industry and private organizations by their prime source of funds.

Funding from non-government sources comprised the balance of the total research expenditures in FY 2012 (Chart 6-1). This category includes foundations, private/other entities (which include educational institutions and hospitals) and industrial sources, representing 6.3 percent, 12.8 percent and 8.7 percent, respectively, of Princeton's sponsored research expenditures. Support from both private/other and industrial categories had increases, 10.8 percent and 11.9 percent, respectively. Support from foundations was virtually the same, falling just half a percent.

It is important to note that many of the projects in the private/other category are subcontracts from other academic institutions and/or centers or consortia in which Princeton faculty participates, and these institutions get their funding from Federal sources. This is indicative of a widely acknowledged trend toward interdisciplinary and multi-institutional research collaborations, which is strongly encouraged and fostered by sponsors. Expenditures from prime sources amounted to \$23.4M in FY2012.

Chart 1

HISTORY OF SPONSORED RESEARCH EXPENDITURES



SECTION I

TABLE 1

5 YEAR HISTORY BY SPONSOR
SPONSORED PROJECT EXPENDITURES (\$1,000)

Sponsors, Campus					
	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
NIH	37,026	41,742	45,137	45,839	43,248
NSF	42,946	39,637	41,459	45,824	48,656
DOD	17,437	17,465	24,177	25,967	21,103
DOE	7,374	7,527	8,736	13,131	14,721
NASA	4,833	4,953	5,024	4,804	4,015
DOC	3,282	3,905	4,456	5,155	4,651
NJ	1,666	1,213	871	1,068	720
Other (DOI, EPA, FAA, AID, ED, Misc)	1,490	1,763	2,253	2,105	1,575
NEH and NEA	150	290	374	202	207
TOTAL GOVERNMENT	116,205	118,495	132,488	144,096	138,898
TOTAL FOUNDATION	11,403	12,491	12,194	12,102	12,037
TOTAL PRIVATE/OTHER	15,638	18,358	21,385	21,940	24,585
TOTAL INDUSTRIAL	7,926	8,299	10,729	14,801	16,803
TOTAL, CAMPUS	\$151,172	\$157,643	\$176,796	\$192,940	\$192,323

Sponsors, Plasma Physics Lab

DOE	74,465	74,605	79,759	87,126	81,530
State of NJ	66	(1)	0	0	0
TOTAL GOVERNMENT	74,531	74,604	79,759	87,126	81,530
TOTAL FOUNDATION	0	0	0	0	0
TOTAL INDUSTRIAL	66	89	149	126	131
TOTAL PRIVATE/OTHER	66	23	171	588	1,733
TOTAL, PPPL	74,663	74,716	80,079	87,840	83,394

GRAND TOTAL, CAMPUS & PPPL	\$225,835	\$232,359	\$256,875	\$280,780	\$275,717
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SECTION I

TABLE 2

5 YEAR HISTORY BY PRIME SPONSOR*
SPONSORED PROJECT EXPENDITURES (\$1,000)

Sponsors, Campus					
	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
NIH	39,653	45,106	48,898	49,374	47,027
NSF	44,831	41,723	43,684	48,789	51,989
DOD	23,117	22,843	30,273	33,143	29,366
DOE	9,881	10,450	12,426	16,975	19,378
NASA	6,363	6,810	6,827	6,356	5,952
DOC	3,289	3,920	4,458	5,260	4,851
NJ	1,971	1,447	1,197	1,188	742
Other (DOI, DOT, EPA, DOJ, AID, ED, Misc)	2,001	2,407	3,322	3,340	2,820
NEH and NEA	150	290	374	202	207
TOTAL GOVERNMENT	131,257	134,996	151,458	164,626	162,331
TOTAL FOUNDATION	11,403	12,491	12,194	12,088	12,010
TOTAL PRIVATE/OTHER	2,753	3,819	4,077	3,996	5,342
TOTAL INDUSTRIAL	5,758	6,338	9,067	12,230	12,639
TOTAL, CAMPUS	\$151,172	\$157,643	\$176,796	\$192,940	\$192,323
Sponsors, Plasma Physics Lab					
DOE	74,466	74,605	79,759	87,130	81,573
NSF	0	0	0	15	0
State of NJ	66	(1)	0	0	0
TOTAL GOVERNMENT	74,533	74,604	79,759	87,146	81,573
TOTAL INDUSTRIAL	65	89	149	106	88
TOTAL PRIVATE/OTHER	66	23	171	588	1,733
TOTAL, PPPL	74,663	74,716	80,079	87,840	83,394
GRAND TOTAL, CAMPUS & PPPL	\$225,834	\$232,359	\$256,875	\$280,780	\$275,717

*Shows Government funded subawards from industry & private organizations categorized by their prime source of funds.

SECTION I

TABLE 3

5 YEAR HISTORY BY DIVISION

SPONSORED PROJECT EXPENDITURES (\$1,000)

<u>Breakdown by Division *</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
Natural Sciences	63,098	65,577	72,292	79,730	79,112
Engineering & Applied Sciences	49,561	47,985	56,165	68,494	70,206
Humanities & Social Sciences	14,008	16,851	19,416	15,572	16,308
Centers, Institutes & Non-Dept'l	<u>24,504</u>	<u>27,229</u>	<u>28,923</u>	<u>29,144</u>	<u>26,697</u>
Sub-Total Campus	151,172	157,643	176,796	192,940	192,323
Plasma Physics Laboratory	<u>74,663</u>	<u>74,716</u>	<u>80,079</u>	<u>87,840</u>	<u>83,394</u>
GRAND TOTAL	225,834	232,359	256,875	280,780	275,717

NUMBER OF SPONSORED PROJECTS

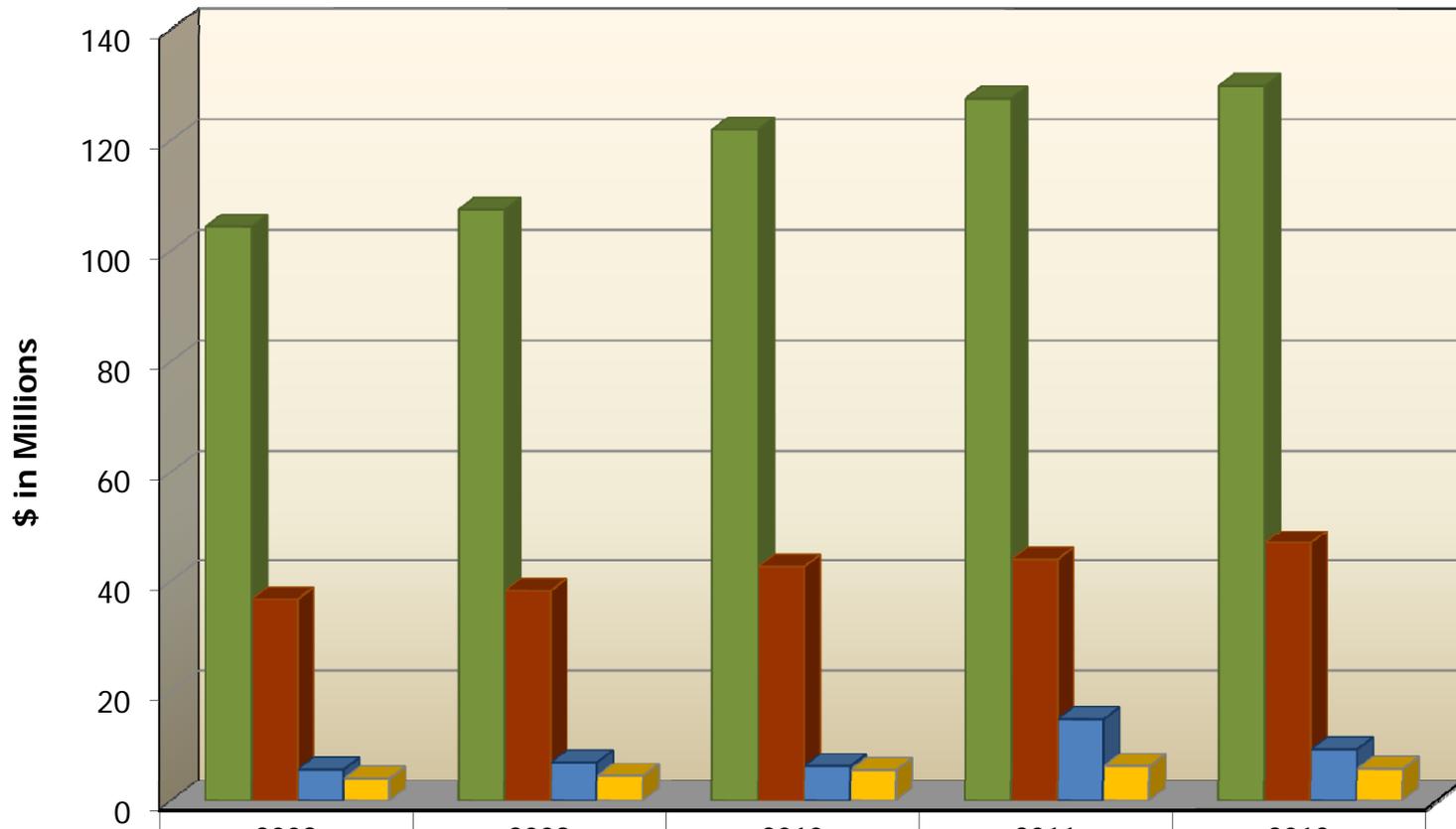
<u>Breakdown by Division*</u>	<u>2008</u>	<u>2008</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
Natural Sciences	567	566	622	616	614
Engineering & Applied Sciences	431	442	456	437	459
Humanities & Social Sciences	162	153	142	149	157
Centers, Institutes & Non-Dept'l	<u>106</u>	<u>116</u>	<u>135</u>	<u>131</u>	<u>143</u>
Sub-Total Campus	1,266	1,277	1,355	1,333	1,373
Plasma Physics Laboratory	<u>11</u>	<u>8</u>	<u>9</u>	<u>12</u>	<u>18</u>
GRAND TOTAL	1,277	1,285	1,364	1,345	1,391

AVERAGE EXPENDITURES PER PROJECT (\$1,000)

<u>Breakdown by Division*</u>	<u>2008</u>	<u>2008</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
Natural Sciences	111	116	116	129	129
Engineering & Applied Sciences	115	109	123	157	153
Humanities & Social Sciences	86	110	137	105	104
Centers, Institutes & Non-Dept'l	231	235	214	222	187
All	119	123	130	145	140

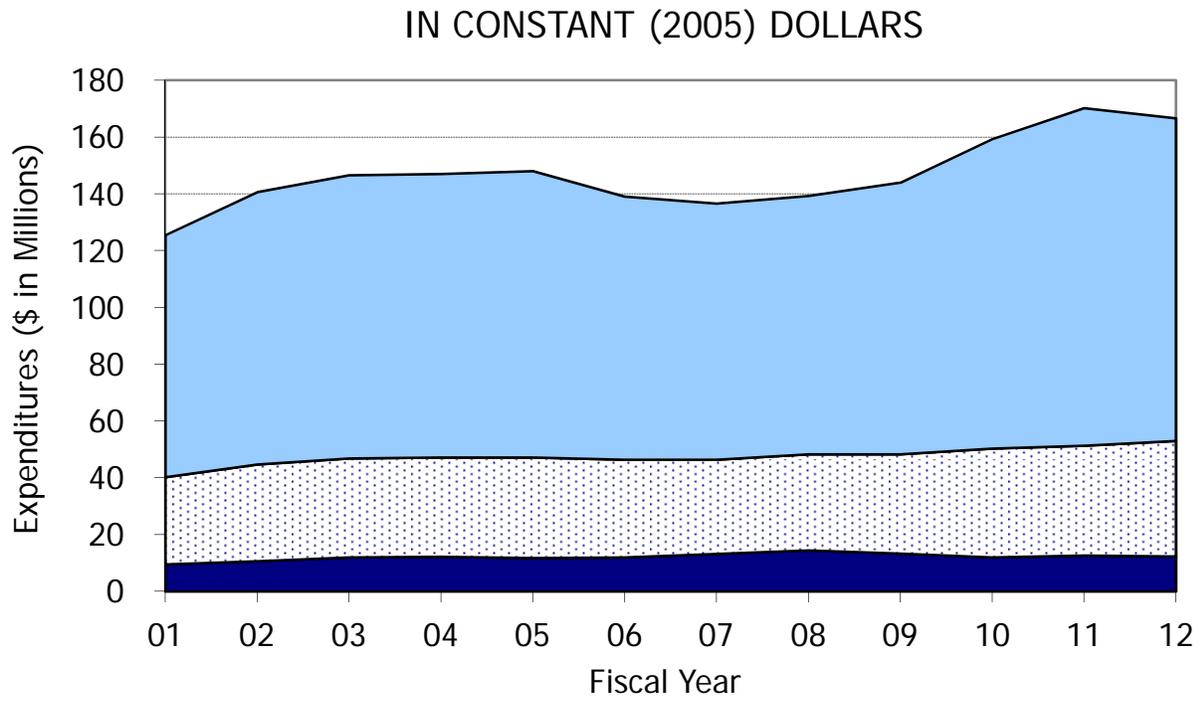
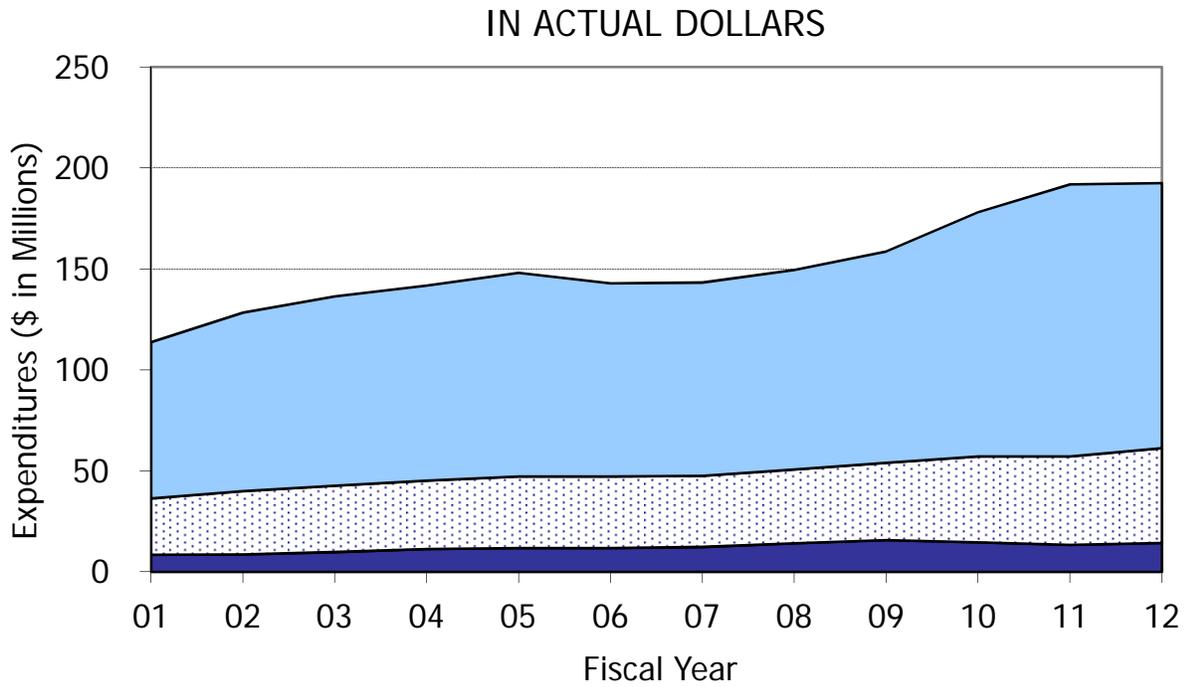
*Divisions are not Dean of Faculty definitions.

Chart 2
Breakdown of Expenditures
 (Excludes Plasma Physics Lab)



	2008	2009	2010	2011	2012
■ Operating Costs	104,342,294	107,456,543	121,903,246	127,533,372	129,813,873
■ Indirect Costs	36,653,001	38,240,303	42,564,221	43,881,944	46,955,313
■ Equipment/Facilities	5,905,681	7,175,686	6,508,677	14,984,597	9,519,815
■ Training Grants	4,270,571	4,770,470	5,819,877	6,539,732	6,034,096

Chart 3
ANALYSIS OF EXPENDITURES
 (Excludes PPPL)



■ Personnel Benefits ▨ Indirect Costs □ Actual \$ Available

TABLE 4
ANALYSIS OF SPONSORED PROJECT EXPENDITURES
\$ IN THOUSANDS
(EXCLUDES PLASMA PHYSICS LAB)

IN ACTUAL DOLLARS

	<u>FY01-02</u>	<u>FY02-03</u>	<u>FY03-04</u>	<u>FY04-05</u>	<u>FY05-06</u>	<u>FY06-07</u>	<u>FY07-08</u>	<u>FY08-09</u>	<u>FY09-10</u>	<u>FY10-11</u>	<u>FY11-12</u>
<u>Total Expenditures</u>	129,616	138,033	142,311	148,046	143,563	145,049	151,172	157,643	176,796	192,940	192,323
less											
<u>Indirect Costs</u>	31,388	32,811	33,825	35,427	35,534	35,157	36,653	38,240	42,564	43,882	46,955
less											
<u>Personnel Benefits</u>	9,818	11,315	11,787	11,711	12,327	14,077	15,708	14,618	13,283	14,329	14,142
<u>Actual \$ Available to Project Leaders</u>	88,410	93,907	96,700	100,909	95,701	95,815	98,811	104,785	120,949	134,729	131,226

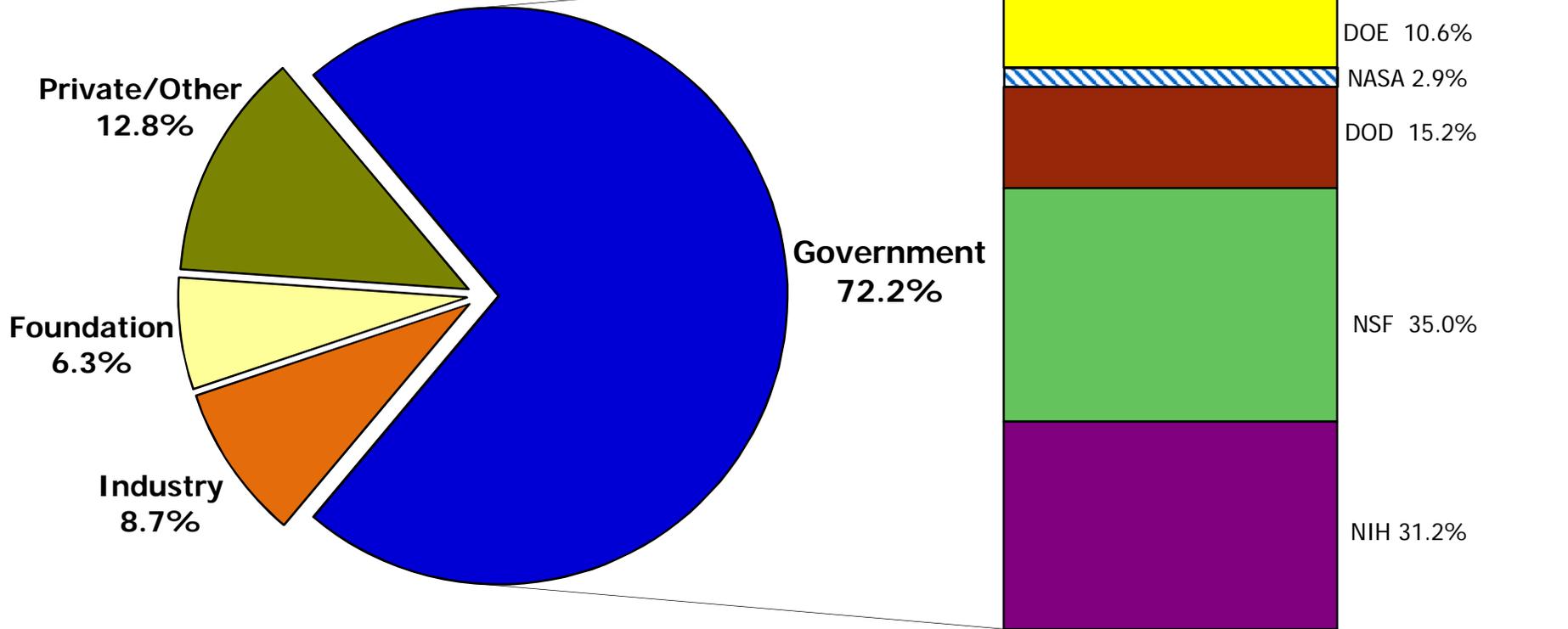
IN CONSTANT (2005) DOLLARS*

	<u>FY01-02</u>	<u>FY02-03</u>	<u>FY03-04</u>	<u>FY04-05</u>	<u>FY05-06</u>	<u>FY06-07</u>	<u>FY07-08</u>	<u>FY08-09</u>	<u>FY09-10</u>	<u>FY10-11</u>	<u>FY11-12</u>
<u>Total Expenditures</u>	140,594	146,635	147,040	148,046	139,061	136,541	139,246	143,924	159,273	170,188	166,675
less											
<u>Indirect Costs</u>	34,046	34,856	34,948	35,427	34,420	33,095	33,761	34,912	38,345	38,707	40,693
less											
<u>Personnel Benefits</u>	10,650	12,020	12,179	11,711	11,941	13,251	14,469	13,346	11,966	12,639	12,256
<u>Actual \$ Available to Project Leaders</u>	95,898	99,759	99,913	100,909	92,701	90,195	91,016	95,666	108,961	118,841	113,726

*GDP implicit price deflators used to calculate Constant Dollars are from USDOC Bureau of Economic Analysis.

Chart 4-1
Funding % By Sponsor - FY 2011-2012
 (Excludes PPPL)

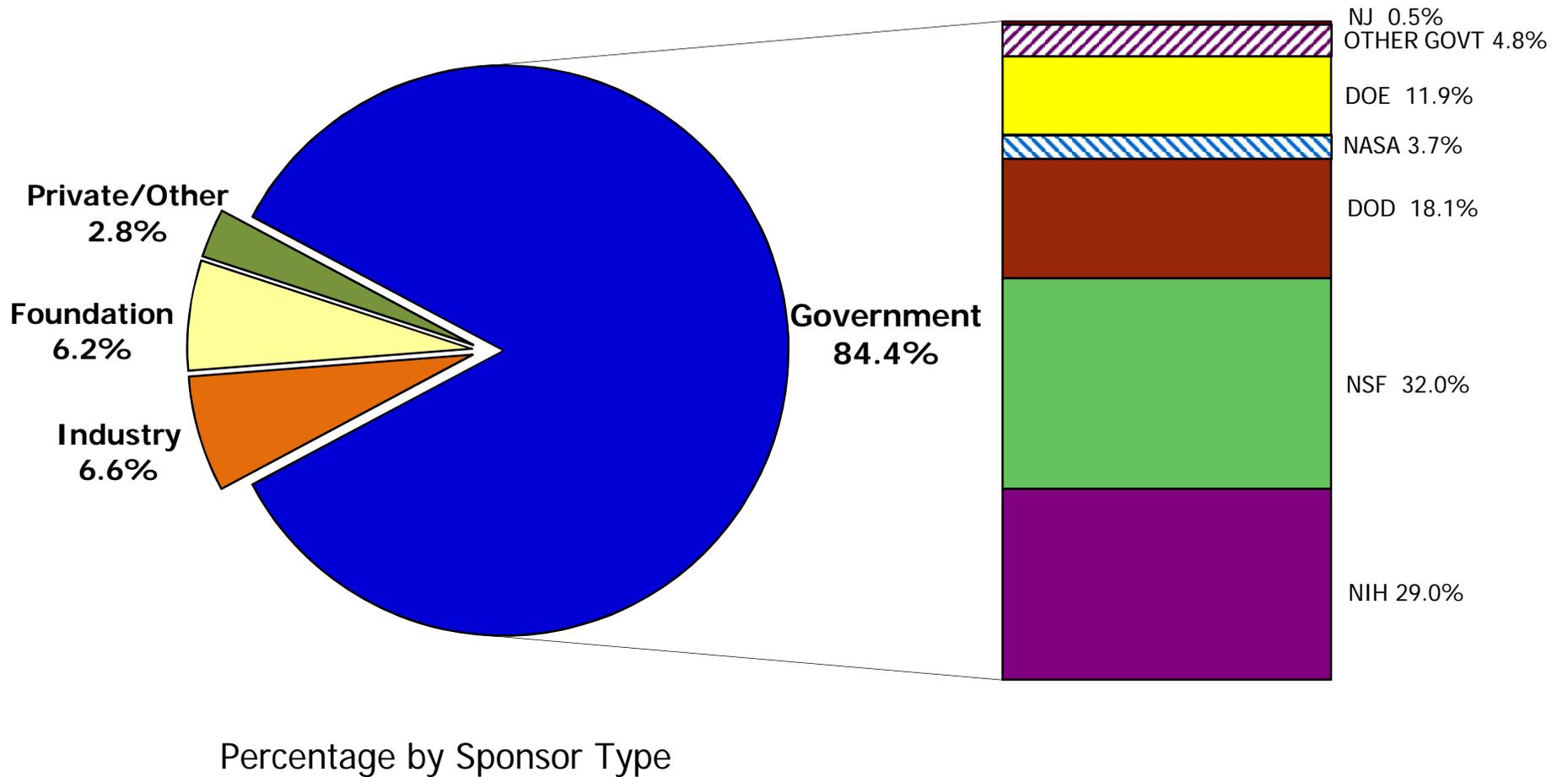
Breakdown by Gov't Sponsors



Percentage by Sponsor Type

Chart 4-2
Funding % By Prime* Sponsor - FY 2011-2012
 (Excludes PPPL)

Breakdown by Gov't Sponsors



*Shows Federally funded subawards from industry & private organizations categorized by their prime source of funds.

Chart 5-1
Comparison of Government Sponsored Expenditures
 5 Year History
 (Excludes Plasma Physics Lab)

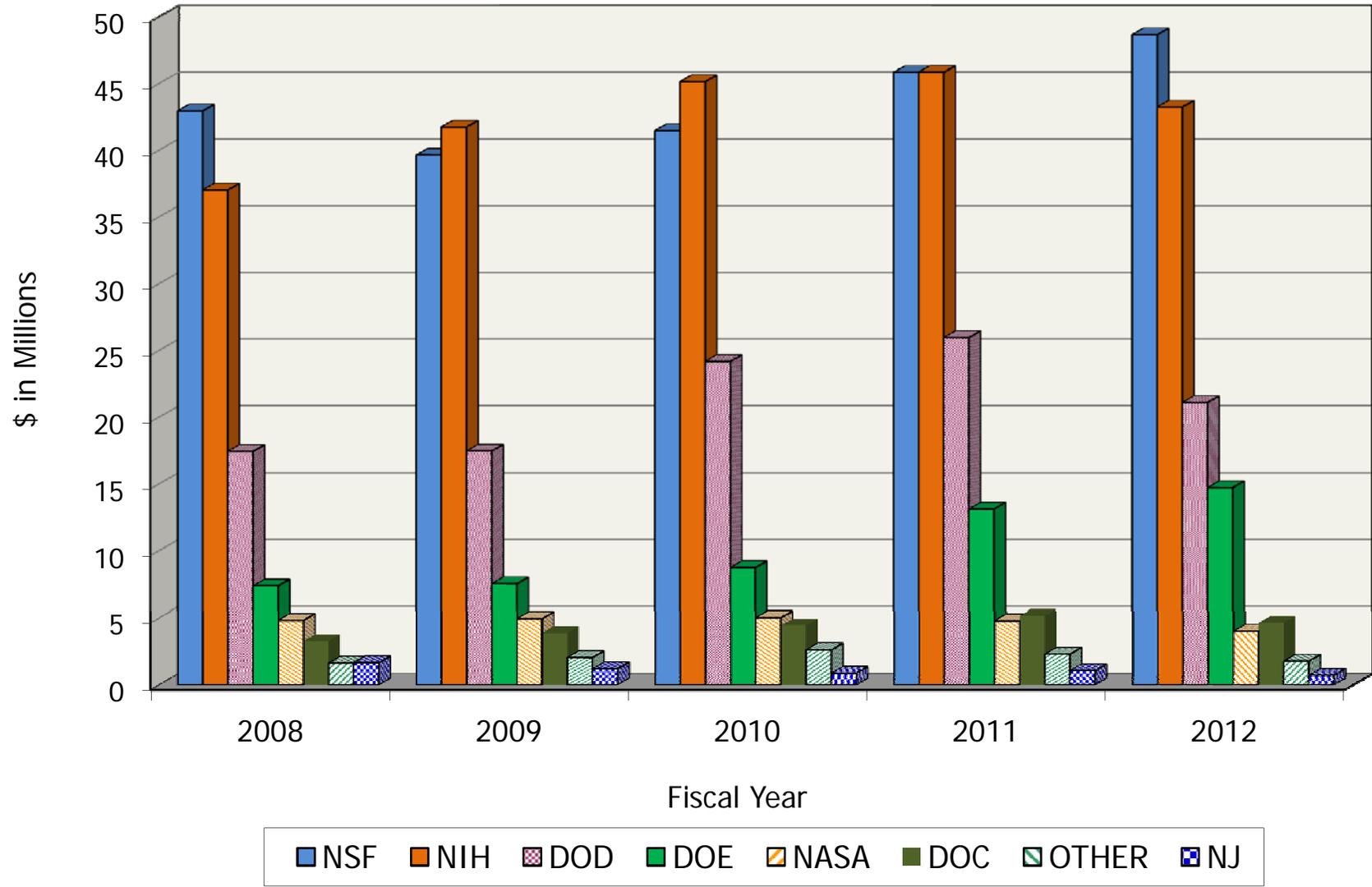


Chart 5-2
Comparison of Prime Government Sponsored Expenditures
 5 Year History
 (Excludes Plasma Physics Lab)

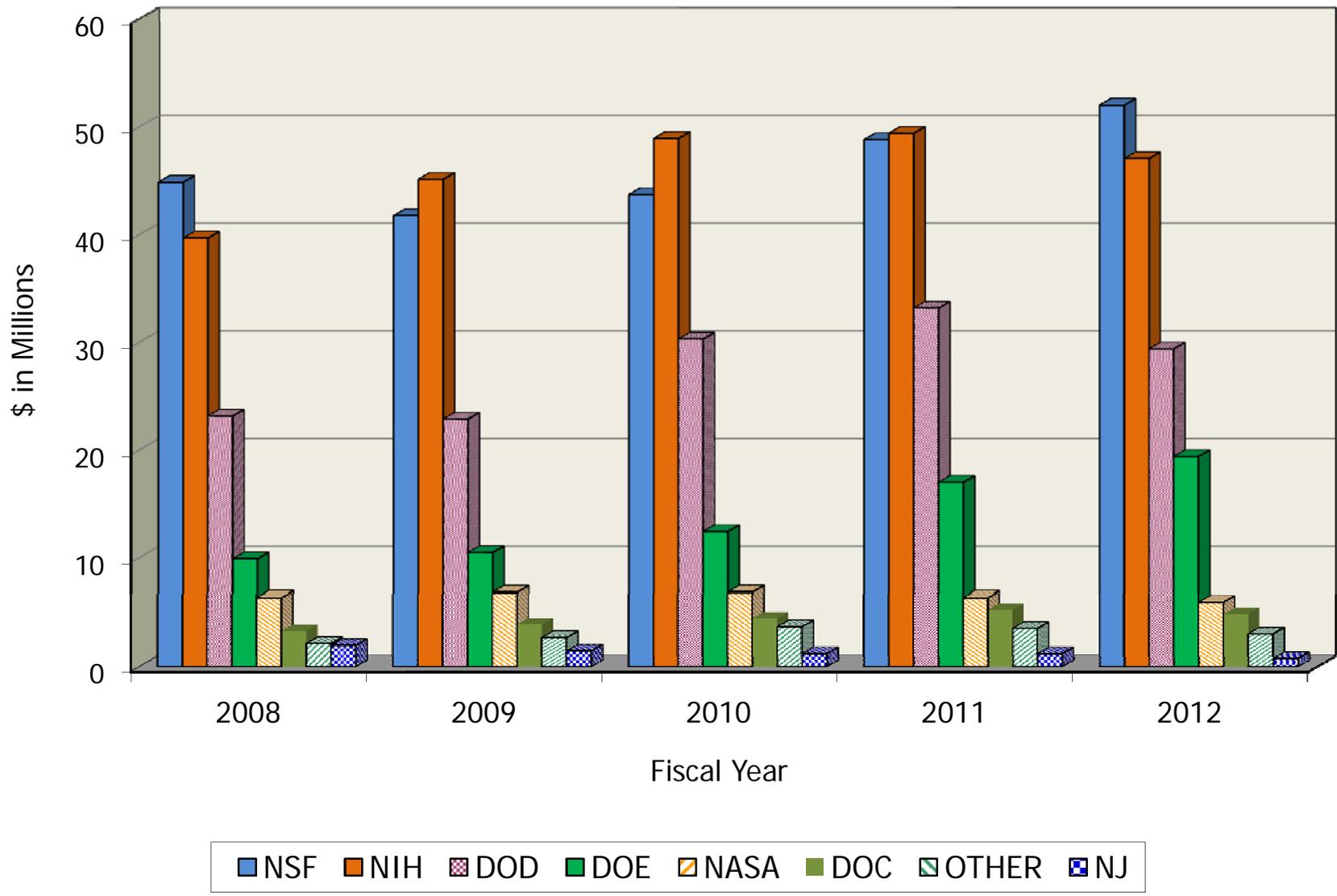


Chart 6-1

Comparison of Non-Government Sponsored Expenditures (Excludes Plasma Physics Lab)

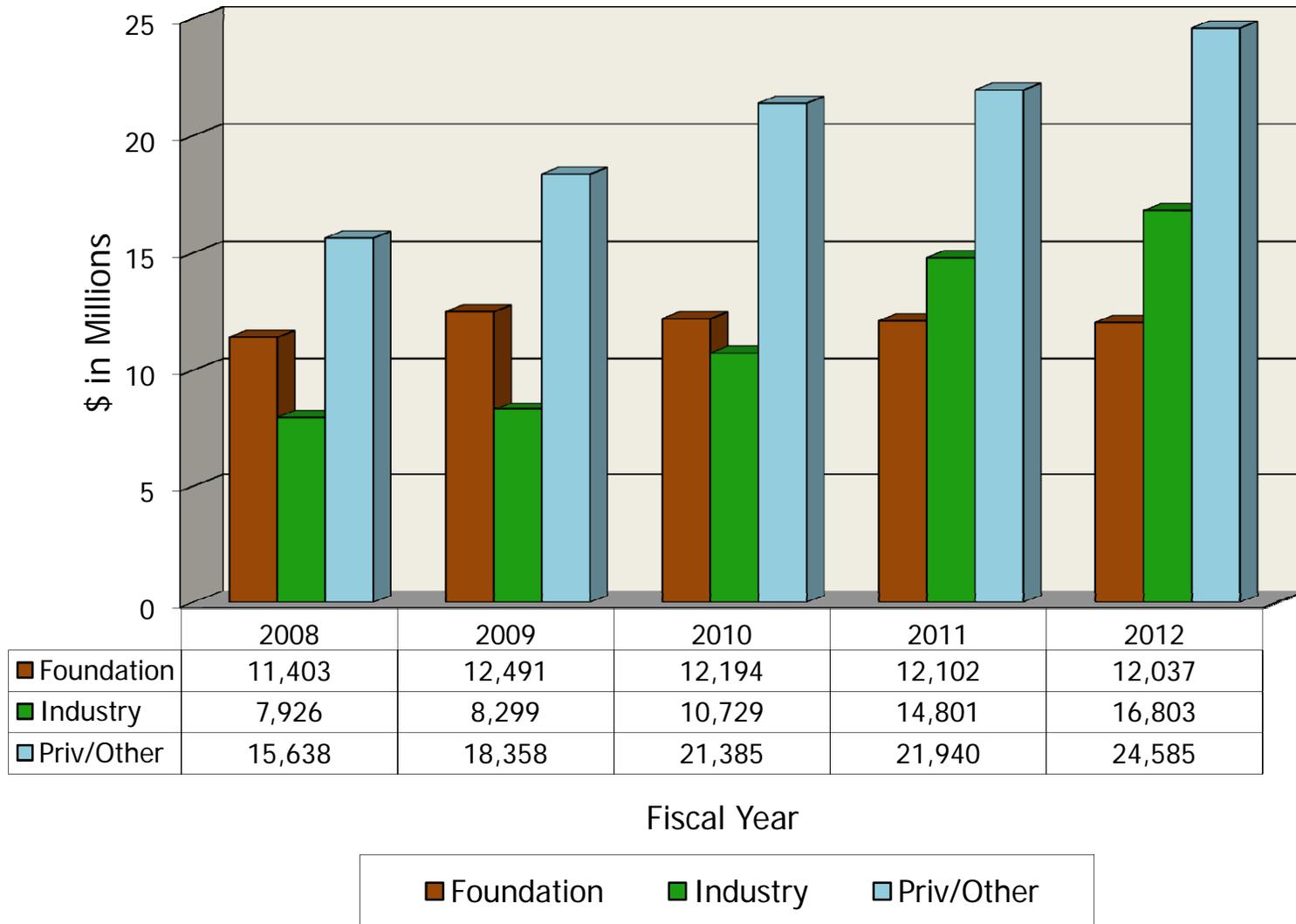


Chart 6-2

Comparison of Non-Government Sponsored Expenditures

(with Funds moved to Prime Sponsor)

(Excludes Plasma Physics Lab)

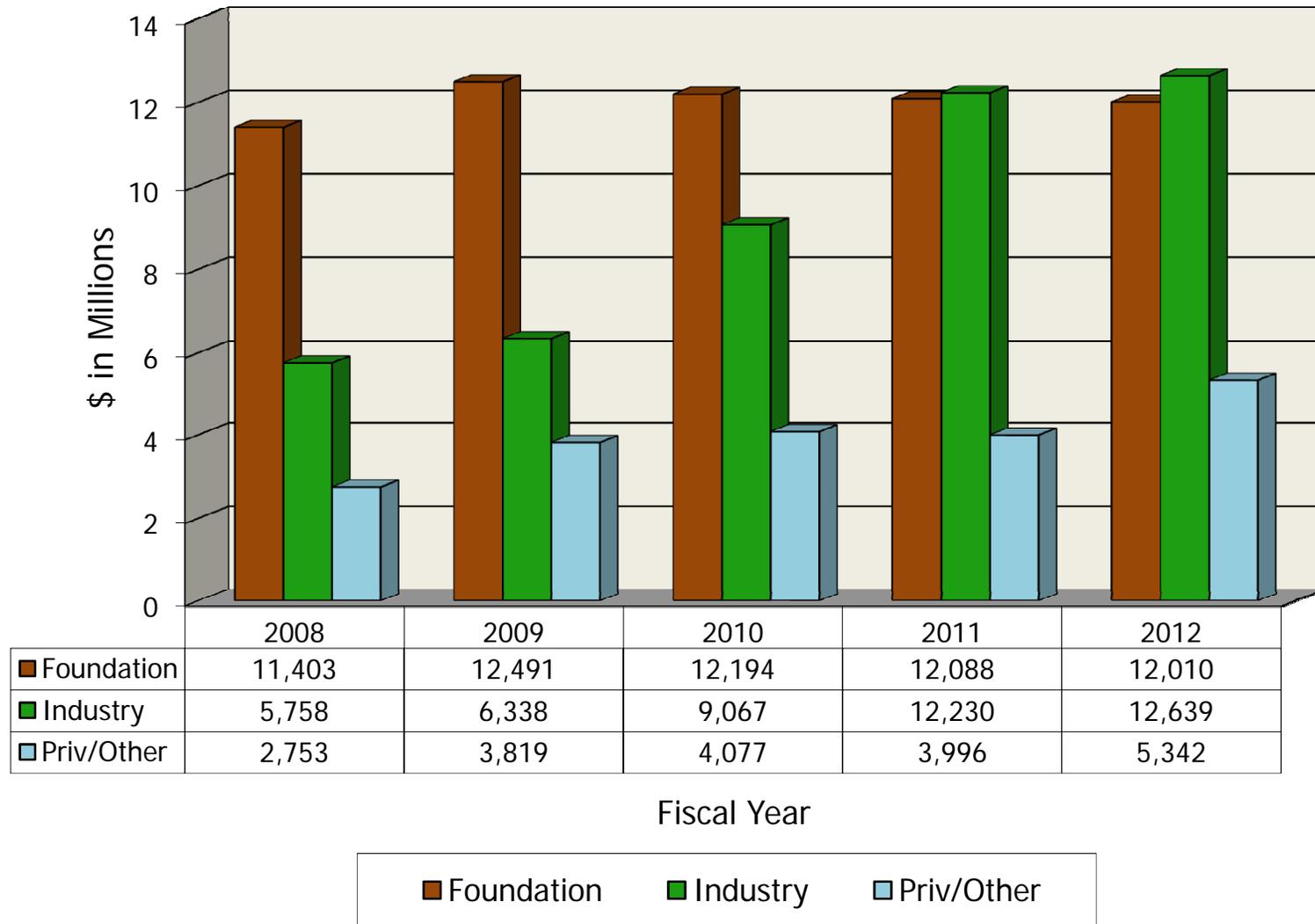
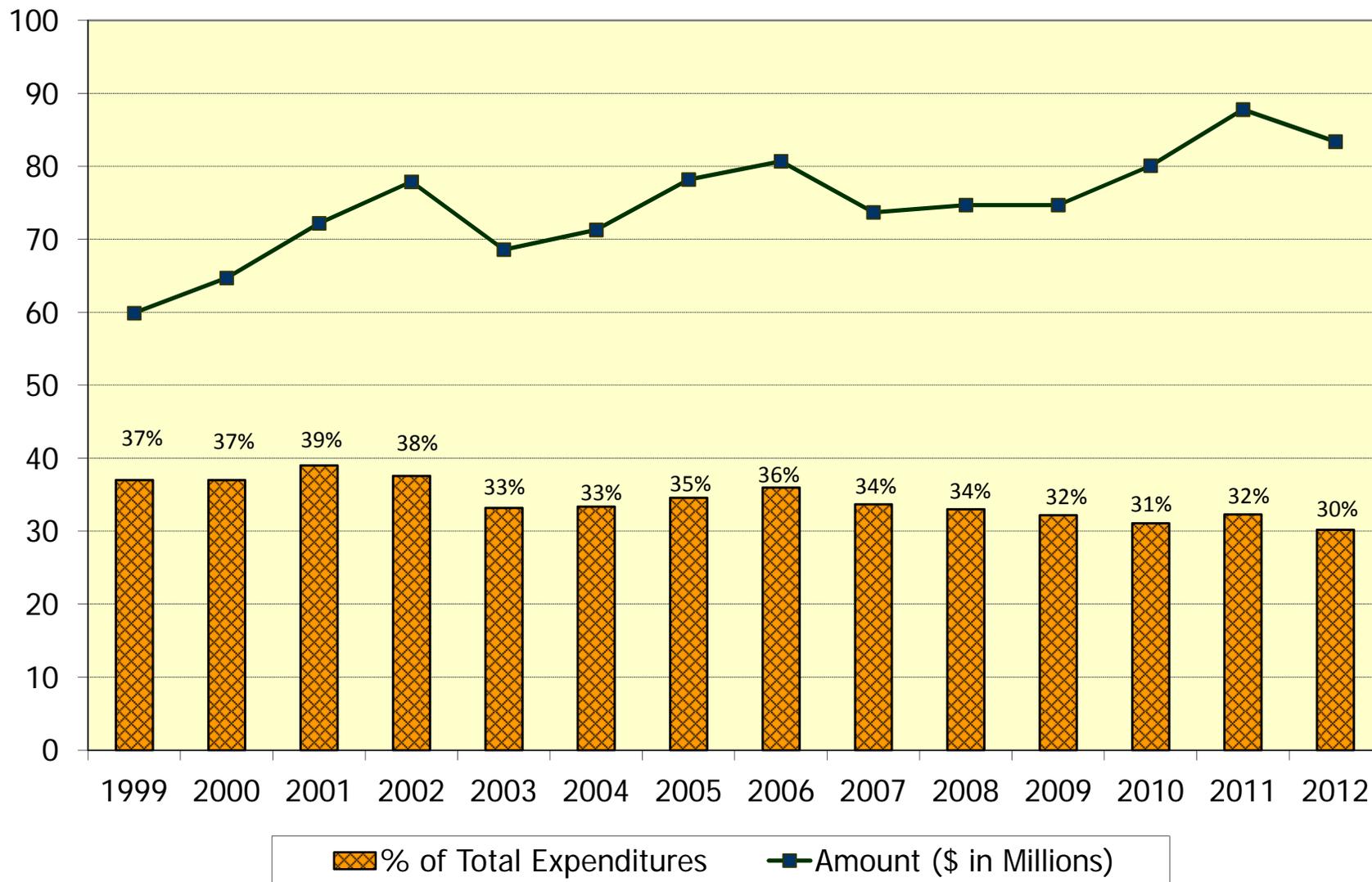


Chart 7

PLASMA PHYSICS LABORATORY Amount and Percentage of Total Expenditures



SECTION II

THIS SECTION PRESENTS THE SPONSORED PROJECT ACTIVITIES OF THE YEAR
SUMMARIZED IN STATISTICAL DATA, CHARTS AND TABLES AS COMPILED BY THE
OFFICE OF RESEARCH AND PROJECT AND ADMINISTRATION

SECTION II
TABLE 5

SUMMARY OF SPONSORED EXPENDITURES BY DEPARTMENT OR PROGRAM
July 1, 2011 - June 30, 2012

DEPARTMENT/PROGRAM	# of Projs.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NATURAL SCIENCES	614	\$51,726,470	\$3,610,145	\$2,953,813	\$20,821,549	\$79,111,976
Applied & Computational Math (PACM)	25	3,957,407	39,667	35,129	1,339,711	5,371,913
Astrophysical Sciences	74	2,990,418	384,685	8,891	1,499,952	4,883,946
Atmospheric & Oceanic Sciences	31	4,488,055	0	6,979	1,465,231	5,960,265
Chemistry	74	7,152,246	155,359	267,368	3,039,635	10,614,608
Ecology & Evolutionary Biology	36	2,819,501	5,058	54,652	761,343	3,640,554
Geosciences	65	3,513,781	73,451	180,855	1,603,197	5,371,283
Mathematics	51	2,253,540	313,955	21,000	1,077,480	3,665,974
Molecular Biology	148	11,744,596	2,426,522	291,894	5,651,142	20,114,155
Physics	83	11,656,340	92,622	2,087,044	3,893,798	17,729,805
Psychology	27	1,150,587	118,826	0	490,061	1,759,474
ENGINEERING & APPLIED SCIENCES	459	48,754,017	853,576	3,871,842	16,726,730	70,206,165
Chemical & Biological Engineering	58	4,947,435	119,070	164,802	1,920,091	7,151,397
Civil & Environmental Engineering	67	3,668,764	30,024	171,754	1,421,508	5,292,050
Computer Science	68	5,238,639	208,911	191,463	2,167,904	7,806,917
Center for Information Technology	0	265	0	0	0	265
Electrical Engineering	79	9,614,722	4,060	100,579	2,697,970	12,417,330
Mechanical & Aerospace Engineering	75	5,837,093	59,133	638,453	2,444,816	8,979,496
Operations Research & Financial Engin.	27	1,878,018	149,395	6,055	806,708	2,840,176
PRISM	85	17,569,081	282,984	2,598,735	5,267,734	25,718,534
HUMANITIES & SOCIAL SCIENCES	157	13,015,993	472,517	9,453	2,810,170	16,308,132
Anthropology	1	5,482	0	0	1,425	6,907
Architecture & Urban Planning	0	60	0	0	0	60
Art & Archaeology	1	1,365	0	0	0	1,365
Comparative Literature	1	498,833	0	798	0	499,631
East Asian Studies	2	157,969	0	0	0	157,969
East Asian Program	1	19,886	1,800	0	2,169	23,855
Economics	17	468,784	0	0	219,834	688,618
English	3	25,561	27,778	0	0	53,339
Department of German	1	2,000	0	0	0	2,000

TABLE 5 (CONT.)

DEPARTMENT/PROGRAM	# of Projs.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
History	4	75,642	0	0	(0)	75,642
Jefferson Papers	2	590,747	0	0	0	590,747
Music	2	1,000	600	0	0	1,600
Near Eastern Studies	3	46,308	0	0	(317)	45,991
Near Eastern Studies Program	2	172,590	0	0	13,993	186,583
Philosophy	1	132,246	0	0	52,032	184,278
Politics	17	643,615	69,508	0	73,161	786,285
Princeton Inst. for Int'l & Regional Studies (PIIRS)	2	108,159	0	0	591	108,750
Religion	2	167,920	0	0	0	167,920
Sociology	12	591,359	0	0	60,985	652,344
Woodrow Wilson School	50	4,813,542	57,977	0	719,660	5,591,179
Population Research (WWS)	32	4,301,584	314,854	8,655	1,666,636	6,291,727
Survey Research Center (WWS)	1	191,342	0	0	0	191,342
CENTERS, INSTITUTES & NON-DEPT'L	143	\$16,317,393	\$1,097,858	\$2,684,709	\$6,596,865	\$26,696,825
Art Museum	3	73,387	0	0	0	73,387
Center for Study of Religion	2	308,373	7,529	0	30,425	346,327
Center for Teaching & Learning	1	30,515	0	0	0	30,515
Center for Theoretical Science	1	151,081	0	0	26,216	177,297
Graduate School	1	0	(3,013)	0	0	(3,013)
Lewis-Siegler Institute	75	8,403,045	687,216	1,062,642	4,086,866	14,239,768
Library	2	82,567	0	0	8,692	91,259
Princeton Environmental Institute (PEI)	19	4,070,661	5,000	65,890	1,038,164	5,179,715
Princeton Inst for Comput'l Sci & Eng (PICSciE)	5	198,743	0	1,468,677	123,467	1,790,887
Princeton Neuroscience Institute (inc. CSBMB)	33	2,996,746	401,126	87,500	1,283,035	4,768,406
Teacher Preparation	1	2,277	0	0	0	2,277
SUBTOTAL MAIN CAMPUS	1,373	\$129,813,873	\$6,034,096	\$9,519,815	\$46,955,314	\$192,323,098
Plasma Physics Laboratory	18	\$79,708,991	\$61,851	\$304,448	\$3,318,400	\$83,393,690
GRAND TOTAL	1,391	\$209,522,865	\$6,095,947	\$9,824,263	\$50,273,714	\$275,716,788

* Counted as a project if expenditures were \$1,000 or more. Contracts and/or agreements that are divided into several ORPA Projects are considered one Award.

SECTION II

TABLE 6

SUMMARY OF SPONSORED EXPENDITURES BY SPONSOR

July 1, 2011 - June 30, 2012

MAIN CAMPUS

GOVERNMENT AGENCY OR DEPARTMENT	# of Projs.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NSF	375	30,671,402	652,241	4,774,802	12,557,897	48,656,341
NIH	165	25,961,407	3,149,309	1,538,407	12,599,167	43,248,291
DOE	49	10,562,317	14,434	302,703	3,841,682	14,721,137
AF	35	8,204,245	2,025	150,376	1,811,984	10,168,630
NAVY	33	3,556,060	2,250	744,784	1,467,618	5,770,712
DOC (NOAA & NIST)	19	3,426,355	6,305	76,522	1,142,154	4,651,337
NASA	44	2,593,702	251,309	121,210	1,048,939	4,015,160
ARMY	21	1,944,841	42,862	138,847	744,782	2,871,333
DARPA	4	1,846,239	0	59,682	259,616	2,165,537
STATE OF NEW JERSEY	16	518,079	136,704	3,221	62,479	720,482
MISC. GOVT.**	8	403,555	600	0	64,258	468,413
DOI (USGS & BSE)	2	217,866	0	0	126,259	344,125
EPA	4	170,717	0	0	104,983	275,701
NEH	2	146,496	0	0	60,724	207,220
DOT	1	150,249	0	0	44,823	195,072
ED	1	164,532	0	0	13,162	177,694
OTHER DOD (DTRA & NSA)	3	91,482	0	0	35,072	126,553
FAA	1	80,351	0	0	33,518	113,869
TOTAL GOVERNMENT	783	\$90,709,895	\$4,258,039	\$7,910,554	\$36,019,117	\$138,897,606
PRIVATE/OTHER	285	\$16,411,975	\$947,383	\$525,163	\$6,700,781	\$24,585,302
INDUSTRIAL	113	\$12,356,861	\$82,460	\$819,859	\$3,543,978	\$16,803,158
FOUNDATION	192	\$10,335,142	\$746,214	\$264,238	\$691,437	\$12,037,032
TOTAL MAIN CAMPUS	1,373	\$129,813,873	\$6,034,096	\$9,519,815	\$46,955,313	\$192,323,098

* Counted as a project if expenditures were \$1,000 or more. Contracts/agreements that are divided into several ORPA Projects are considered one Award.

** Includes HUD, Nat Archives & Records Admin., State Dept, USDA, & USIP

TABLE 6 (CONT.)

SUMMARY OF SPONSORED EXPENDITURES BY SPONSOR
July 1, 2011 - June 30, 2012

PRINCETON PLASMA PHYSICS LABORATORY

GOVERNMENT AGENCY OR DEPARTMENT	No. Proj.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
DOE PRIME CONTRACT	1	78,618,001	61,851	304,448	2,545,432	81,529,732
TOTAL GOVERNMENT	1	78,618,001	61,851	304,448	2,545,432	\$81,529,732
INDUSTRIAL	5	\$82,130	\$0	\$0	\$48,519	\$130,649
PRIVATE/OTHER	12	\$1,008,859	\$0	\$0	\$724,449	\$1,733,309
TOTAL PLASMA PHYSICS	18	\$79,708,991	\$61,851	\$304,448	\$3,318,400	\$83,393,690
TOTAL CAMPUS / PPPL	1,391	\$209,522,865	\$6,095,947	\$9,824,263	\$50,273,713	\$275,716,787

SECTION II
TABLE 7

SUMMARY OF SPONSORED EXPENDITURES BY PRIME* SPONSOR

July 1, 2011 - June 30, 2012

MAIN CAMPUS

GOVERNMENT AGENCY OR DEPARTMENT	# of Projs.**	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NSF	414	32,635,844	941,844	4,813,442	13,597,967	51,989,097
NIH	199	28,326,447	3,149,309	1,564,531	13,986,242	47,026,530
DOE	94	13,490,800	14,434	561,955	5,310,786	19,377,975
AF	59	10,346,590	4,950	290,789	2,922,299	13,564,629
NAVY	42	4,508,113	2,250	744,784	1,961,218	7,216,365
NASA	89	3,717,394	519,886	140,993	1,573,848	5,952,120
DOC (NOAA & NIST)	23	3,534,548	43,725	76,522	1,195,878	4,850,674
ARMY	31	2,804,578	42,862	144,822	1,212,853	4,205,116
DARPA	16	2,882,550	0	146,520	806,283	3,835,353
MISC. GOVT.***	20	991,461	600	254,493	331,669	1,578,223
STATE OF NEW JERSEY	17	537,325	136,704	3,221	64,404	741,654
OTHER DOD (DTRA & NSA)	6	288,087	0	115,874	140,342	544,304
DOI (BSEE, MMS, NCPTT, USGS)	5	323,281	0	0	156,550	479,831
EPA	4	170,717	0	0	104,983	275,701
NEH	2	146,496	0	0	60,724	207,220
DOT	1	150,249	0	0	44,823	195,072
ED	1	164,532	0	0	13,162	177,694
FAA	1	80,351	0	0	33,518	113,869
TOTAL GOVERNMENT	1,024	\$105,099,364	\$4,856,565	\$8,857,948	\$43,517,550	\$162,331,427
INDUSTRIAL	72	\$9,944,448	\$82,460	\$301,257	\$2,310,950	\$12,639,114
FOUNDATION	191	\$10,310,788	\$746,214	\$264,238	\$689,002	\$12,010,244
PRIVATE/OTHER	86	\$4,459,273	\$348,857	\$96,372	\$437,811	\$5,342,314
TOTAL MAIN CAMPUS	1,373	\$129,813,873	\$6,034,096	\$9,519,815	\$46,955,314	\$192,323,098

* This table categorizes federally funded subawards from industry and private organizations by their prime source of funds.

** Counted as a project if expenditures were \$1,000 or more. Contracts/agreements that are divided into several ORPA Projects are considered one Award.

***Inc: DHS, DOL, HUD, IARPA, Nat Archives & Rec Admin, State Dept, USAID, USIP, and USDA

TABLE 7 (CONT.)

SUMMARY OF SPONSORED EXPENDITURES BY PRIME* SPONSOR

July 1, 2011 - June 30, 2012

PRINCETON PLASMA PHYSICS LABORATORY

GOVERNMENT AGENCY OR DEPARTMENT	No. Proj.**	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
DOE	3	78,645,749	61,851	304,448	2,560,771	81,572,819
TOTAL GOVERNMENT	3	78,645,749	61,851	304,448	2,560,771	\$81,572,819
INDUSTRIAL	3	\$54,382	\$0	\$0	\$33,180	\$87,562
PRIVATE/OTHER	12	\$1,008,859	\$0	\$0	\$724,449	\$1,733,309
TOTAL PLASMA PHYSICS	18	\$79,708,991	\$61,851	\$304,448	\$3,318,400	\$83,393,690
TOTAL CAMPUS / PPPL	1,391	\$209,522,865	\$6,095,947	\$9,824,263	\$50,273,714	\$275,716,788

* This table categorizes federally funded subawards from industry and private organizations by their prime source of funds.

** Counted as a project if expenditures were \$1,000 or more. Contracts/agreements that are divided into several ORPA Projects are considered one Award.

SECTION II
TABLE 8-1 -- Section 1

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2011 - June 30, 2012)

DEPARTMENT / PROGRAM	No. of Projects	GRAND TOTAL EXPENDITURES		NIH		NSF		DOE		AIR FORCE	
NATURAL SCIENCES	614	79,112	93	20,090	186	21,911	26	7,161	9	4,446	
Applied & Computational Math	25	5,372	1	285	6	949	1	150	4	2,081	
Astrophysical Sciences	74	4,884			19	997	5	787			
Atmospheric & Oceanic Sciences	31	5,960			10	719	4	493			
Chemistry	74	10,615	12	2,760	14	1,601	6	1,104	3	565	
Ecology & Evolutionary Biology	36	3,641	3	862	14	1,086					
Geosciences	65	5,371			34	2,745	4	946			
Mathematics	51	3,666			45	3,332					
Molecular Biology	148	20,114	71	15,530	4	391					
Physics	83	17,730			34	9,454	6	3,681	2	1,800	
Psychology	27	1,759	6	652	6	636					
ENGINEERING & APPLIED SCIENCES	459	70,206	9	5,119	140	22,368	19	6,886	24	3,844	
Chemical & Biological Engineering	58	7,151	4	984	13	1,594	4	644	3	623	
Civil & Environ. Engineering	67	5,292			18	1,387	3	838			
Center for Information Technology Policy	0	0									
Computer Science	68	7,807			39	5,815			1	107	
Electrical Engineering	79	12,417	2	557	24	1,959	4	985	5	609	
Mechanical & Aerospace Engineering	75	8,979			9	654	1	107	10	2,096	
Oper. Res. & Financial Engineering	27	2,840	2	314	15	1,528			1	76	
PRISM	85	25,719	1	3,264	22	9,430	7	4,312	4	333	
HUMANITIES & SOCIAL SCIENCES	157	16,308	15	4,487	32	1,416	0	0	1	1,672	
Anthropology	1	7			1	7					
Architecture School	0	0				0					
Art & Archaeology	1	1									
Comparative Literature	1	500									
East Asian Studies	2	158									
East Asian Studies Program	1	24									
Economics	17	689			13	580					
English	3	53									
Department of German	1	2									
History	4	76		(0)							
Jefferson Papers	2	591									
Music	2	2									
Near Eastern Studies	3	46									
Near Eastern Studies Program	2	187									
Philosophy	1	184									
Politics	17	786			6	149					
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	2	109									
Religion	2	168									
Sociology	12	652			5	242					
Program in Theater	0										
Woodrow Wilson School	50	5,591			4	269			1	1,672	
Population Research (WWS)	32	6,292	15	4,487	3	168					
Survey Research Center (WWS)	1	191									
CENTERS, INSTITUTES & NON-DEPT'L	143	26,697	48	13,552	17	2,962	4	674	1	206	
Art Museum	3	73									
Center for Study of Human Values	0										
Center for the Study of Religion	2	346									
Center for Teaching and Learning	1	31									
Center for Theoretical Science	1	177									
Dean of the College	0										
Graduate School	1	(3)									
Lewis-Siegler Institute	75	14,240	32	10,246	7	745	3	359	1	206	
Library	2	91									
Princeton Environmental Institute	19	5,180			2	130	1	316			
Princeton Neuroscience Institute (inc CSBMB)	33	4,768	16	3,305	3	296					
Princeton Inst for Computat'l Sci &Engin (PICSci)	5	1,791			5	1,791					
TOTAL, MAIN CAMPUS	1373	192,323	165	43,248	375	48,656	49	14,721	35	10,169	
Plasma Physics Laboratory	18	83,394					1	81,530			
GRAND TOTAL	1391	275,717	165	43,248	375	48,656	50	96,251	35	10,169	

NOTES:

1. Figures are rounded out to nearest dollar
2. Projects less than \$1,000 not counted
3. Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes HUD, Nat Archives Records Admin., State Dept, USDA, & USIP

SECTION II
TABLE 8-1 -- Section 2

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2011 - June 30, 2012)

DEPARTMENT / PROGRAM	NAVY		NASA		ARMY		STATE OF NJ		DOC		DARPA	
NATURAL SCIENCES	12	1,424	29	2,400	10	920	13	463	9	3,871	0	0
Applied & Computational Math	5	929			2	79						
Astrophysical Sciences			14	1,005								
Atmospheric & Oceanic Sciences	1	113	2	157					6	3,678		
Chemistry	2	56			1	95			1	7		
Ecology & Evolutionary Biology												
Geosciences			6	756					2	187		
Mathematics	1	78										
Molecular Biology					5	438	13	463				
Physics	3	248	7	481	2	308						0
Psychology												
ENGINEERING & APPLIED SCIENCES	19	4,310	14	1,602	10	1,899	1	7	7	360	3	1,089
Chemical & Biological Engineering	1	114			1	1,347	1	7				
Civil & Environ. Engineering			8	959					7	360		
Center for Information Technology Policy												
Computer Science	3	216									1	11
Electrical Engineering	5	498										
Mechanical & Aerospace Engineering	5	1,207	6	643	2	15				0		
Oper. Res. & Financial Engineering												
PRISM	5	2,275			7	537					2	1,077
HUMANITIES & SOCIAL SCIENCES	1	30	1	13	0	0	0	0	0	0	0	0
Anthropology												
Architecture School												
Art & Archaeology												
Comparative Literature												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
Department of German												
History												
Jefferson Papers												
Music												
Near Eastern Studies												
Near Eastern Studies Program												
Philosophy												
Politics												
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)												
Religion												
Sociology												
Program in Theater												
Woodrow Wilson School	1	30	1	13								
Population Research (WWS)												
Survey Research Center (WWS)												
CENTERS, INSTITUTES & NON-DEPT'L	1	7	0	0	1	52	2	250	2	415	1	1,077
Art Museum												
Center for Study of Human Values												
Center for the Study of Religion												
Center for Teaching and Learning												
Center for Theoretical Science												
Dean of the College												
Graduate School												
Lewis-Siegler Institute	1	7										
Library												
Princeton Environmental Institute					1	52			2	415	1	1,077
Princeton Neuroscience Institute (inc CSBMB)												
Princeton Inst for Computat'l Sci &Engin (PICSc												
TOTAL, MAIN CAMPUS	33	5,771	44	4,015	21	2,871	16	720	18	4,646	4	2,166
Plasma Physics Laboratory												
GRAND TOTAL	33	5,771	44	4,015	21	2,871	16	720	18	4,646	4	2,166

NOTES:

1. Figures are rounded out to nearest dollar
2. Projects less than \$1,000 not counted
3. Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes HUD, Nat Archives Records Admin., State Dept, USDA, & USIP

SECTION II
TABLE 8-1 -- Section 3

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2011 - June 30, 2012)

DEPARTMENT / PROGRAM	DTRA/ NSA		NEH		ED		EPA		OTHER GOVT		GOVERNMENT	
NATURAL SCIENCES	1	28	0	0	0	0	0	0	4	544	392	63,258
Applied & Computational Math									1	195	20	4,669
Astrophysical Sciences	1	28							1	5	40	2,822
Atmospheric & Oceanic Sciences									1	282	24	5,442
Chemistry											39	6,187
Ecology & Evolutionary Biology											17	1,948
Geosciences									1	61	47	4,696
Mathematics											46	3,410
Molecular Biology											93	16,823
Physics											54	15,974
Psychology											12	1,288
ENGINEERING & APPLIED SCIENCES	2	99	0	0	0	0	3	112	1	114	252	47,809
Chemical & Biological Engineering	1	65									28	5,378
Civil & Environ. Engineering							2	112		0	38	3,656
Center for Information Technology Policy											0	0
Computer Science											44	6,149
Electrical Engineering							1	0			41	4,609
Mechanical & Aerospace Engineering									1	114	34	4,835
Oper. Res. & Financial Engineering	1	34									19	1,952
PRISM											48	21,229
HUMANITIES & SOCIAL SCIENCES	0	0	1	184	1	178	1	164	4	233	57	8,377
Anthropology											1	7
Architecture School											0	0
Art & Archaeology											0	0
Comparative Literature											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											13	580
English											0	0
Department of German											0	0
History											0	(0)
Jefferson Papers									1	152	1	152
Music									1	1	1	1
Near Eastern Studies											0	0
Near Eastern Studies Program					1	178					1	178
Philosophy			1	184							1	184
Politics									1	69	7	218
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)											0	0
Religion											0	0
Sociology									1	11	6	254
Program in Theater											0	0
Woodrow Wilson School											7	1,984
Population Research (WWS)							1	164			19	4,820
Survey Research Center (WWS)											0	0
CENTERS, INSTITUTES & NON-DEPT'L	0	0	1	23	0	0	0	0	4	235	82	19,454
Art Museum											0	0
Center for Study of Human Values											0	0
Center for the Study of Religion											0	0
Center for Teaching and Learning											0	0
Center for Theoretical Science											0	0
Dean of the College											0	0
Graduate School											0	0
Lewis-Siegler Institute											44	11,564
Library			1	23					1	68	2	91
Princeton Environmental Institute									3	167	10	2,157
Princeton Neuroscience Institute (inc CSBMB)											21	3,851
Princeton Inst for Computat'l Sci &Engin (PICSc											5	1,791
TOTAL, MAIN CAMPUS	3	127	2	207	1	178	4	276	13	1,126	783	138,898
Plasma Physics Laboratory											1	81,530
GRAND TOTAL	3	127	2	207	1	178	4	276	13	1,126	784	220,427

NOTES:

1. Figures are rounded out to nearest dollar
2. Projects less than \$1,000 not counted
3. Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes HUD, Nat Archives Records Admin., State Dept, USDA, & USIP

SECTION II
TABLE 8-1 -- Section 4

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2011 - June 30, 2012)

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
NATURAL SCIENCES	56	2,369	28	2,428	138	11,056
Applied & Computational Math	1	40			4	663
Astrophysical Sciences	5	87			29	1,975
Atmospheric & Oceanic Sciences			1	80	6	438
Chemistry	6	76	13	1,029	16	3,323
Ecology & Evolutionary Biology	7	273	2	119	10	1,301
Geosciences	1	31	1	168	16	476
Mathematics	4	253			1	3
Molecular Biology	17	633	9	1,025	29	1,633
Physics	8	653			21	1,104
Psychology	7	325	2	6	6	140
ENGINEERING & APPLIED SCIENCES	23	1,272	82	11,677	102	9,448
Chemical & Biological Engineering	5	257	14	663	11	853
Civil & Environ. Engineering	2	7	2	151	25	1,477
Center for Information Technology Policy						0
Computer Science	8	249	7	538	9	872
Electrical Engineering	3	24	20	5,888	15	1,896
Mechanical & Aerospace Engineering	1	46	20	1,590	20	2,509
Oper. Res. & Financial Engineering			3	546	5	342
PRISM	4	689	16	2,301	17	1,499
HUMANITIES & SOCIAL SCIENCES	79	6,416	0	0	21	1,514
Anthropology						
Architecture School						
Art & Archaeology	1	1				
Comparative Literature	1	500				
East Asian Studies	1	156			1	2
East Asian Studies Program	1	24				
Economics	4	109				
English	3	53				
Department of German					1	2
History	4	76				
Jefferson Papers	1	439				
Music	1	1				
Near Eastern Studies	1	(3)			2	49
Near Eastern Studies Program	1	9				
Philosophy						
Politics	6	378			4	190
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)	2	109				
Religion	2	168				
Sociology	6	399				
Program in Theater						
Woodrow Wilson School	37	3,344		0	6	263
Population Research (WWS)	6	465			7	1,008
Survey Research Center (WWS)	1	191				
CENTERS, INSTITUTES & NON-DEPT'L	34	1,979	3	2,698	24	2,567
Art Museum	3	73				
Center for Study of Human Values						
Center for the Study of Religion	1	335			1	12
Center for Teaching and Learning					1	31
Center for Theoretical Science	1	177				
Dean of the College						
Graduate School	1	(3)				
Lewis-Siegler Institute	16	994	1	2	14	1,680
Library						
Princeton Environmental Institute	8	329	1	2,694		
Princeton Neuroscience Institute (inc CSBMB)	4	73			8	844
Princeton Inst for Computat'l Sci &Engin (PICSc						
TOTAL, MAIN CAMPUS	192	12,037	113	16,803	285	24,585
Plasma Physics Laboratory			5	131	12	1,733
GRAND TOTAL	192	12,037	118	16,934	297	26,319

NOTES:

1. Figures are rounded out to nearest dollar
2. Projects less than \$1,000 not counted
3. Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt includes HUD, Nat Archives Records Admin., State Dept, USDA, & USIP

SECTION II
TABLE 8-2-- Section 1

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)
BY DEPARTMENT AND PRIME SPONSOR (July 1, 2011 - June 30, 2012)

DEPARTMENT / PROGRAM	No. of Projects	GRAND TOTAL EXPENDITURES	NIH		NSF		DOE		AIR FORCE	
NATURAL SCIENCES	614	79,112	109	21,567	200	23,025	52	9,998	13	5,114
Applied & Computational Math	25	5,372	1	285	6	949	3	536	5	2,284
Astrophysical Sciences	74	4,884			23	1,871	5	787		
Atmospheric & Oceanic Sciences	31	5,960			12	750	5	586		
Chemistry	74	10,615	15	3,331	15	1,609	10	2,577	6	1,030
Ecology & Evolutionary Biology	36	3,641	6	1,087	16	1,155				
Geosciences	65	5,371			38	2,873	8	1,109		(0)
Mathematics	51	3,666			45	3,332				
Molecular Biology	148	20,114	80	16,148	4	391	1	1		
Physics	83	17,730	1	63	35	9,460	20	4,401	2	1,800
Psychology	27	1,759	6	652	6	636				
ENGINEERING & APPLIED SCIENCES	459	70,206	12	5,244	164	24,551	38	8,706	44	6,573
Chemical & Biological Engineering	58	7,151	6	1,086	15	1,815	9	1,103	3	623
Civil & Environ. Engineering	67	5,292			22	1,539	7	1,236		
Center for Information Technology Policy	0	0								
Computer Science	68	7,807			47	6,428			2	432
Electrical Engineering	79	12,417	3	581	25	2,582	5	1,083	9	774
Mechanical & Aerospace Engineering	75	8,979			9	654	3	208	24	4,294
Oper. Res. & Financial Engineering	27	2,840	2	314	15	1,528	4	310	1	76
PRISM	85	25,719	1	3,264	31	10,005	10	4,766	5	373
HUMANITIES & SOCIAL SCIENCES	157	16,308	19	5,513	33	1,451	0	0	1	1,672
Anthropology	1	7			1	7				
Architecture School	0	0				0				
Art & Archaeology	1	1								
Comparative Literature	1	500								
East Asian Studies	2	158								
East Asian Studies Program	1	24								
Economics	17	689			13	580				
English	3	53								
Department of German	1	2								
History	4	76		(0)						
Jefferson Papers	2	591								
Music	2	2								
Near Eastern Studies	3	46								
Near Eastern Studies Program	2	187								
Philosophy	1	184								
Politics	17	786			7	184				
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)	2	109								
Religion	2	168								
Sociology	12	652			5	242				
Woodrow Wilson School	50	5,591	1	98	4	269			1	1,672
Population Research (WWS)	32	6,292	18	5,415	3	168				
Survey Research Center (WWS)	1	191								
CENTERS, INSTITUTES & NON-DEPT'L	143	26,697	59	14,702	17	2,962	4	674	1	206
Art Museum	3	73								
Center for the Study of Religion	2	346								
Center for Teaching and Learning	1	31								
Center for Theoretical Science	1	177								
Graduate School	1	(3)								
Lewis-Siegler Institute	75	14,240	41	11,281	7	745	3	359	1	206
Library	2	91								
Princeton Environmental Institute	19	5,180			2	130	1	316		
Princeton Neuroscience Institute (inc CSBMB)	33	4,768	18	3,421	3	296				
Princeton Inst for Computat'l Sci & Engin (PICSci)	5	1,791			5	1,791				
Teacher Preparation	1	2								
TOTAL, MAIN CAMPUS	1373	192,323	199	47,027	414	51,989	94	19,378	59	13,565
Plasma Physics Laboratory	18	83,394					3	81,573		
GRAND TOTAL	1391	275,717	199	47,027	414	51,989	97	100,951	59	13,565

NOTES:

1. Figures are rounded out to nearest dollar
2. Projects less than \$1,000 not counted
3. Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt inc DHS, DOL, FAA, FHA, HUD, IARPA, NARA, State Dept, USAID, USIP, & USDA

SECTION II
TABLE 8-2-- Section 2

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)
BY DEPARTMENT AND PRIME SPONSOR (July 1, 2011 - June 30, 2012)

DEPARTMENT / PROGRAM	NAVY		NASA		ARMY		STATE OF NJ		DOC		DARPA	
NATURAL SCIENCES	14	1,695	55	3,430	12	1,044	13	463	10	3,876	3	374
Applied & Computational Math	5	929			2	79					1	75
Astrophysical Sciences			36	1,838					1	5		
Atmospheric & Oceanic Sciences	1	113	3	222					6	3,678		
Chemistry	3	274			3	219			1	7	1	94
Ecology & Evolutionary Biology												
Geosciences			8	849					2	187		
Mathematics	1	78										
Molecular Biology					5	438	13	463				
Physics	4	301	8	521	2	308					1	205
Psychology												
ENGINEERING & APPLIED SCIENCES	25	5,001	33	2,509	18	3,108	2	28	11	559	11	2,367
Chemical & Biological Engineering	1	114			1	1,347	1	7	1	38		
Civil & Environ. Engineering			17	1,526					10	521		
Center for Information Technology Policy												
Computer Science	4	272									4	396
Electrical Engineering	7	783			3	686					3	475
Mechanical & Aerospace Engineering	7	1,525	14	901	4	142				0		
Oper. Res. & Financial Engineering			1	32								
PRISM	6	2,307	1	49	10	934	1	21			4	1,496
HUMANITIES & SOCIAL SCIENCES	1	30	1	13	0	0	0	0	0	0	0	0
Anthropology												
Architecture School												
Art & Archaeology												
Comparative Literature												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
Department of German												
History												
Jefferson Papers												
Music												
Near Eastern Studies												
Near Eastern Studies Program												
Philosophy												
Politics												
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)												
Religion												
Sociology												
Woodrow Wilson School	1	30	1	13								
Population Research (WWS)												
Survey Research Center (WWS)												
CENTERS, INSTITUTES & NON-DEPT'L	2	490	0	0	1	52	2	250	2	415	2	1,094
Art Museum												
Center for the Study of Religion												
Center for Teaching and Learning												
Center for Theoretical Science												
Graduate School												
Lewis-Siegler Institute	1	7									1	18
Library												
Princeton Environmental Institute					1	52			2	415	1	1,077
Princeton Neuroscience Institute (inc CSBMB)	1	483					2	250				
Princeton Inst for Computat'l Sci & Engin (PICSci)												
Teacher Preparation												
TOTAL, MAIN CAMPUS	42	7,216	89	5,952	31	4,205	17	742	23	4,851	16	3,835
Plasma Physics Laboratory												
GRAND TOTAL	42	7,216	89	5,952	31	4,205	17	742	23	4,851	16	3,835

NOTES:

1. Figures are rounded out to nearest dollar
2. Projects less than \$1,000 not counted
3. Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
4. Other Govt inc DHS, DOL, FAA, FHA, HUD, IARPA, NARA, State Dept, USAID, USIP, & USDA

SECTION II
TABLE 8-2-- Section 3

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)
BY DEPARTMENT AND PRIME SPONSOR (July 1, 2011 - June 30, 2012)

DEPARTMENT / PROGRAM	DTRA/ NSA		NEH		ED		EPA		OTHER GOVT		GOVERNMENT	
NATURAL SCIENCES	2	73	0	0	0	0	0	0	8	932	491	71,592
Applied & Computational Math									1	195	24	5,332
Astrophysical Sciences	1	28									66	4,528
Atmospheric & Oceanic Sciences									2	362	29	5,711
Chemistry									1	244	55	9,385
Ecology & Evolutionary Biology									2	68	24	2,311
Geosciences									2	62	58	5,079
Mathematics											46	3,410
Molecular Biology											103	17,442
Physics											73	17,060
Psychology	1	46									13	1,334
ENGINEERING & APPLIED SCIENCES	4	471	0	0	0	0	3	112	7	823	372	60,052
Chemical & Biological Engineering	1	65									38	6,197
Civil & Environ. Engineering							2	112	2	56	60	4,990
Center for Information Technology Policy											0	0
Computer Science											57	7,529
Electrical Engineering	1	1					1	0			57	6,965
Mechanical & Aerospace Engineering									2	124	63	7,848
Oper. Res. & Financial Engineering	1	34									24	2,294
PRISM	1	371							3	643	73	24,230
HUMANITIES & SOCIAL SCIENCES	0	0	1	184	1	178	1	164	8	378	66	9,582
Anthropology											1	7
Architecture School											0	0
Art & Archaeology											0	0
Comparative Literature											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											13	580
English											0	0
Department of German											0	0
History											0	(0)
Jefferson Papers									1	152	1	152
Music									1	1	1	1
Near Eastern Studies											0	0
Near Eastern Studies Program					1	178					1	178
Philosophy			1	184							1	184
Politics									1	69	8	253
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)											0	0
Religion											0	0
Sociology									1	11	6	254
Woodrow Wilson School									4	144	12	2,227
Population Research (WWS)							1	164			22	5,747
Survey Research Center (WWS)											0	0
CENTERS, INSTITUTES & NON-DEPT'L	0	0	1	23	0	0	0	0	4	235	95	21,105
Art Museum											0	0
Center for the Study of Religion											0	0
Center for Teaching and Learning											0	0
Center for Theoretical Science											0	0
Graduate School											0	0
Lewis-Siegler Institute											54	12,616
Library			1	23					1	68	2	91
Princeton Environmental Institute									3	167	10	2,157
Princeton Neuroscience Institute (inc CSBMB)											24	4,450
Princeton Inst for Computat'l Sci & Engin (PICSci)											5	1,791
Teacher Preparation											0	0
TOTAL, MAIN CAMPUS	6	544	2	207	1	178	4	276	27	2,367	1024	162,331
Plasma Physics Laboratory											3	81,573
GRAND TOTAL	6	544	2	207	1	178	4	276	27	2,367	1027	243,904

NOTES:

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4. Other Govt inc DHS, DOL, FAA, FHA, HUD, IARPA, NARA, State Dept, USAID, USIP, & USDA

SECTION II
TABLE 8-2-- Section 4

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)
BY DEPARTMENT AND PRIME SPONSOR (July 1, 2011 - June 30, 2012)

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
NATURAL SCIENCES	56	2,369	24	2,004	43	3,147
Applied & Computational Math	1	40				
Astrophysical Sciences	5	87			3	268
Atmospheric & Oceanic Sciences					2	249
Chemistry	6	76	11	927	2	227
Ecology & Evolutionary Biology	7	273	2	119	3	938
Geosciences	1	31	1	168	5	93
Mathematics	4	253			1	3
Molecular Biology	17	633	8	783	20	1,256
Physics	8	653			2	17
Psychology	7	325	2	6	5	95
ENGINEERING & APPLIED SCIENCES	23	1,272	45	7,937	19	944
Chemical & Biological Engineering	5	257	12	524	3	174
Civil & Environ. Engineering	2	7	1	62	4	233
Center for Information Technology Policy						0
Computer Science	8	249	2	10	1	20
Electrical Engineering	3	24	14	5,253	5	175
Mechanical & Aerospace Engineering	1	46	8	997	3	88
Oper. Res. & Financial Engineering			3	546		
PRISM	4	689	5	545	3	255
HUMANITIES & SOCIAL SCIENCES	78	6,390	0	0	13	336
Anthropology						
Architecture School						
Art & Archaeology	1	1				
Comparative Literature	1	500				
East Asian Studies	1	156			1	2
East Asian Studies Program	1	24				
Economics	4	109				
English	3	53				
Department of German					1	2
History	4	76				
Jefferson Papers	1	439				
Music	1	1				
Near Eastern Studies	1	(3)			2	49
Near Eastern Studies Program	1	9				
Philosophy						
Politics	6	378			3	155
Princeton Inst. for Int'l. & Reg'l Studies (PIRS)	2	109				
Religion	2	168				
Sociology	6	399				
Woodrow Wilson School	36	3,317		0	2	47
Population Research (WWS)	6	465			4	80
Survey Research Center (WWS)	1	191				
CENTERS, INSTITUTES & NON-DEPT'L	34	1,979	3	2,698	11	915
Art Museum	3	73				
Center for the Study of Religion	1	335			1	12
Center for Teaching and Learning					1	31
Center for Theoretical Science	1	177				
Graduate School	1	(3)				
Lewis-Siegler Institute	16	994	1	2	4	628
Library						
Princeton Environmental Institute	8	329	1	2,694		
Princeton Neuroscience Institute (inc CSBMB)	4	73			5	245
Princeton Inst for Computat'l Sci &Engin (PICSci)						
Teacher Preparation			1	2		
TOTAL, MAIN CAMPUS	191	12,010	72	12,639	86	5,342
Plasma Physics Laboratory			3	88	12	1,733
GRAND TOTAL	191	12,010	75	12,727	98	7,076

NOTES:

1. Figures are rounded out to nearest dollar
2. Projects less than \$1,000 not counted
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4. Other Govt inc DHS, DOL, FAA, FHA, HUD, IARPA, NARA, State Dept, USAID, USIP, & USDA

SECTION III

This Section lists sponsored projects by department/program which were active during the period of July 1, 2011 to June 30, 2012. Projects are listed in the order that they were awarded in ORPA (most recent first) and show the Parent/Child relationships of an Award.

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Princeton Environmental Institute (PEI)	142
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SECTION III (cont.)

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Borneman, John W	1076042	Grant	A Legal- Ethnographic Study of Self-Determination and the Ends of Therapy	National Science Foundation	09/15/2009	08/31/2012	57,374

Contributions Made to Other Units :

Woodrow Wilson School
João G. Biehl
Cecilia E Rouse

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS
7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Constantin, Peter	1096132	Grant	Singularities, Mixing and Long Time Behavior in Nonlinear Evolution	National Science Foundation	04/09/2012	06/30/2015	252,337
Singer, Amit	1096130	Grant	Vector Diffusion Maps: A New Framework for Organization and Inference of Complex Networks	Air Force Office of Scientific Research	06/15/2012	06/14/2017	1,000,000
Constantin, Peter	1096128	Grant	Nonlinear Fokker-Planck Equations and Hybrid Stochastic Deterministic Systems	National Science Foundation	11/01/2011	06/30/2013	152,601
E, Weinan Car, Roberto	1096120	Grant	FRG: Collaborative Research: Dynamical Processes in Many-Body Systems: Analysis and Simulations	National Science Foundation	07/01/2011	06/30/2014	622,645
Carter, Emily A Libisch, Florian M	1094009	Grant	Dr. Florian Libisch (Exchange Visitor Research Program)	Max Kade Foundation, Inc.	04/21/2011	04/20/2012	49,000
E, Weinan	1096119	Grant	Stochastic Models of Polymer Systems	Army Research Office	03/15/2011	03/14/2014	110,000
E, Weinan	1096127						220,000
Carter, Emily A Bocarsly, Andrew B	1096118						745,914
Carter, Emily A	1096117	Grant	Next Generation Orbital-Free Density Functional Theory: Physics, Algorithms, and Applications	Office of Naval Research	10/01/2010	09/30/2013	720,000
Carter, Emily A	1096125						630,000
Daubechies, Ingrid C Tromp, Jeroen	1096115	Grant	CMG RESEARCH: Combining Adjoint Tomography and Sparse Imaging Methods in Seismology	National Science Foundation	09/15/2010	08/31/2013	480,000
Carter, Emily A	1096114	Grant	Designing New Materials for Converting Solar Energy to Fuels via Quantum Mechanics	Air Force Office of Scientific Research	05/01/2010	04/30/2014	593,708
Carter, Emily A	1096126						200,000
Seymour, Paul D	1096113	Grant	Immersion and Structural Graph Theory	Office of Naval Research	07/01/2010	09/30/2013	427,811
Seymour, Paul D	1096122						310,834
Calderbank, Robert	1096111	Grant	Sensor Topology and Minimalist Planning (SToMP)	University of Illinois at Urbana-Champaign	10/05/2009	06/30/2012	175,000
E, Weinan	1096110	Grant	TMS: Defect Modeling beyond Density Functional Theory	Rensselaer Polytechnic Institute	09/01/2009	08/31/2012	299,355
Carter, Emily A	1096106	Grant	Optimizing New Materials for Solar Energy Conversion via Quantum Mechanics	DOE - Washington	09/01/2009	08/31/2013	531,000
Carter, Emily A Haataja, Mikko P	1096105	Grant	Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	University of South Carolina	08/01/2009	07/31/2013	874,655
Chiang, Mung Poor, H. Vincent Rexford, Jennifer L	1096104	Grant	Information Dynamics as Foundation for Network Management	Air Force Office of Scientific Research	09/01/2009	08/31/2014	5,731,651
Chiang, Mung	1096107						520,000
Poor, H. Vincent	1096108						520,000
Rexford, Jennifer	1096109						520,000
Holmes, Philip J	1096103	Grant	Adaptive Data Fusion for Detection and Localization of Weak Distributed Patterns in Networked Systems	Air Force Office of Scientific Research	09/01/2009	08/31/2012	370,587

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Applied & Computational Mathematics (2)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
E, Weinan	1096102	Grant	Efficient Algorithms for Electronic Structure Analysis	National Science Foundation	09/01/2009	08/31/2013	400,000
Daubechies, Ingrid C	1096101	Grant	Building Mathematical Tools to Find Needles in Haystacks	Air Force Office of Scientific Research	09/01/2009	08/31/2012	900,000
Calderbank, Robert Singer, Amit							
Singer, Amit	1096100	Grant	Improved Algorithms for Macromolecular Structure Determination by cryo-EM and NMR	National Institutes of Health	08/01/2009	06/30/2014	1,462,320
Daubechies, Ingrid C	1096099	Grant	ARRA: New Initiative in Computational Mathematics at Princeton	National Science Foundation	08/01/2009	07/31/2012	980,043
Calderbank, Robert Singer, Amit							
Seymour, Paul D	1096098	Grant	ARRA: Tournament Immersion and Rao's Conjecture	National Science Foundation	08/01/2009	07/31/2013	220,000
Carter, Emily A	1096097	Grant	ARRA: Linear Scaling Electronic Structure Methods for Molecules and Materials	National Science Foundation	09/01/2009	08/31/2013	600,000
Carter, Emily A	1096092	Grant	Mechanical Properties of Aluminum Alloys from Orbital-Free Density Functional Theory	Office of Naval Research	12/01/2008	05/31/2012	233,418
Carter, Emily A	1096123						66,477
Holmes, Philip J	1096090	Contract	Mathematical Analysis of the Empirical Mode Decomposition	Federal Highway Administration (DOT/FHWA)	09/15/2008	11/30/2012	750,000
Singer, Amit	1096088	Grant	Reed-Muller Sampling Matrices, Fast Reconstruction, and Null Space Properties in Compressive Sensing	Office of Naval Research	07/07/2008	06/30/2013	829,250
Daubechies, Ingrid C							
Singer, Amit	1096124						108,750
Daubechies, Ingrid C							
E, Weinan	1096086	Grant	Multi-Scale and Multi-Physics Modeling	Office of Naval Research	11/01/2006	09/30/2012	403,690
E, Weinan	1096112						119,000
E, Weinan	1096121						206,000
E, Weinan	1096084	Grant	Structure and Dynamics of Complex Networks	Army Research Office	10/01/2007	09/30/2011	123,574
E, Weinan	1096093						176,426

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS
7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Gnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Boyer, M. Christine Knoblauch, Joy R	1106001	Grant	Doctoral Dissertation Research: Going Soft: Reforming the Institutional Domestic Environment through the Human Sciences (1963-1974)	National Science Foundation	01/01/2011	12/31/2012	984

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Hourihane, Colum P	1154014	Grant	Index of Christian Art Digitization of Medieval Manuscripts from the NYPL James Marrow Archive	Samuel H. Kress Foundation	11/05/2010	11/15/2012	17,885

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS
7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Steward, James C	3104013	Grant	City of Gold: The Archaeology of Polis Chrysochous	Leon Levy Foundation	01/26/2012	01/25/2014	20,000
Steward, James C	3104012	Grant	Curatorial Research Fellowship: Kelly Baum	The Andy Warhol Foundation for the Visual Arts	12/09/2011	12/08/2013	11,235
Steward, James C	3104011	Grant	Princeton University Art Museum Interpretive Initiative	The Andrew W. Mellon Foundation	07/01/2011	06/30/2014	500,391
Sender, Rebecca E	3104008	Grant	Catalogue Research on Italian Drawings	The Getty Research Museum	09/27/2007	07/27/2012	91,371

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Astrophysical Sciences

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Burrows, Adam S	1206451	Contract	Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey	Space Telescope Science Institute	12/01/2011	11/30/2014	9,999
Bakos, Gaspar A	1206434	Grant	Operating a Global Network of Southern Hemisphere Automated Telescopes to Detect and Characterize a Multitude of Transiting Exoplanets	NASA Headquarters - Washington	05/31/2012	05/30/2013	564,499
Fisch, Nathaniel J	1206433	Grant	Electromagnetic Wave Compression in Plasma	National Science Foundation	06/15/2012	05/31/2015	420,000
Spergel, David N	1206432	Grant	Cosmic Microwave Background as a Probe of the Low Redshift	NASA Headquarters - Washington	05/01/2012	04/30/2015	300,000
Draine, Bruce T	1206431	Grant	Using WISE to Measure the Diffuse Galactic Light	NASA Headquarters - Washington	06/01/2012	08/31/2013	54,080
Greene, Jenny E	1206429	Grant	ALMA Fellowship - Ai-Lei Sun	National Radio Astronomy Observatory	01/01/2012	12/31/2012	14,478
Stone, James M	1206428	Grant	A Max-Planck/Princeton Research Center for Plasma Physics	National Science Foundation	04/01/2012	03/31/2015	950,002
Prager, Stewart C							
Burrows, Adam S	1206426	Contract	An Optical Transmission Spectral Survey of Hot-Jupiter Exoplanetary Atmospheres	Space Telescope Science Institute	03/01/2012	02/28/2015	19,301
Greene, Jenny E	1206427	Contract	Identifying Analogs of NGC 6240: Galaxies with Dual Supermassive Black Holes	Space Telescope Science Institute	03/01/2012	02/28/2015	24,700
Spitkovsky, Anatoly	1206425	Cooperative Agreement	High Energy Emission from Pulsar Magnetospheres and Winds	NASA Headquarters - Washington	04/01/2012	03/31/2015	434,750
Bakos, Gaspar A	1206424	Contract	Exploring the Diversity of Exoplanets through Confirmation of HATNet Transit Candidates using Keck/HIRES - 2012	Cal Tech - Jet Propulsion Lab (JPL)	02/08/2012	01/01/2014	17,600
Greene, Jenny E	1206423	Contract	AGNs with Intermediate-mass Black Holes: Testing the Black Hole-Bulge Paradigm, Part II	Space Telescope Science Institute	02/01/2012	01/31/2015	6,479
Greene, Jenny E	1206422	Contract	The Hosts of Megamaser Disk Galaxies	Space Telescope Science Institute	01/01/2012	12/31/2014	89,001
Bickerton, Steven J	1204185	Grant	Detection of Spectroscopic Differences over Time	University of Pittsburgh	10/01/2011	08/31/2012	29,153
Spergel, David N	1206421	Grant	NSF Fellowship - Neelima Sehgal	National Science Foundation	10/01/2011	08/31/2012	8,250
Bowen, David V	1206419	Grant	QSO Absorption Line Systems from Dwarf Galaxies	Space Telescope Science Institute	11/01/2011	10/31/2014	184,453
Turner, Edwin L	1206420	Grant	Chandra 13: An X-Ray Microlensing Test of the Au-Scale Central Structure of the Quadruple Quasar 2237-0305	Smithsonian Astrophysical Observatory	10/27/2011	10/26/2013	25,300
Spergel, David N	1204182	Grant	Searching for Cosmological Signatures of New Physics	Netherlands Organisation for Scientific Research	10/15/2011	10/14/2013	150,062
Spitkovsky, Anatoly	1206417	Grant	Modeling Light Curves and Spectra from Plasma-Filled Pulsar Magnetospheres	NASA Headquarters - Washington	02/16/2012	02/15/2014	87,000
Bakos, Gaspar A	1206416	Grant	Exploring the Diversity of Exoplanets through Confirmation of HATNet Transit Candidates using Keck/HIRES	Cal Tech - Jet Propulsion Lab (JPL)	08/31/2011	09/01/2013	16,600
Strauss, Michael A	1206415	Grant	An All-Sky Survey for the Brightest Supernovae	Space Telescope Science Institute	09/01/2011	08/31/2012	96,383
Bakos, Gaspar A	1206414	Grant	From Hot Jupiters to Super Earths with HATNet and HATSouth	National Science Foundation	09/01/2011	08/31/2014	743,898
Bakos, Gaspar A	1206438						10,125
Cen, Renyue	1206412	Grant	Simulating Galaxies Across Reionization: A Multiwavelength View	National Science Foundation	09/01/2011	08/31/2014	597,200
Giannios, Dimitrios	1206413	Grant	Interpreting the Fermi-LAT Emission from Gamma-Ray Bursts	NASA Headquarters - Washington	08/01/2011	07/31/2012	98,882
Turner, Edwin L	1206411	Grant	Imaging and Spectroscopy of Extrasolar Planets	Space Telescope Science Institute	09/01/2011	08/31/2014	209,836

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Stone, James M	1206410	Grant	Einstein Postdoctoral Fellowship Award for Dr. Matthew Kunz "From Plasma Microphysics to Global Dynamics in Clusters of Galaxies and Accretion Flows"	Smithsonian Astrophysical Observatory	09/01/2011	08/31/2013	217,851
Burrows, Adam S	1206409	Grant	Life on the Edge: Planetary Atmospheres in Extreme Environments	Cal Tech - Jet Propulsion Lab (JPL)	08/02/2011	09/30/2014	35,000
Ji, Hantao	1206407	Grant	11th International Workshop on the Interrelationship between Plasma Experiments in Laboratory and Space (IPELS)	National Science Foundation	08/01/2011	07/31/2012	5,000
Fisch, Nathaniel J	1206406	Grant	Wave Compression in High Energy Density Matter: Building Switches in Dense Plasmas	Defense Threat Reduction Agency	07/07/2011	07/06/2014	470,000
Cen, Renyue	1206404	Grant	Formation and Evolution of Galaxies and the Intergalactic Medium	NASA Headquarters - Washington	07/01/2011	06/30/2014	450,000
Greene, Jenny E	1204181	Grant	Sloan Fellowship: Black Hole Growth and Galaxy Evolution	Alfred P. Sloan Foundation	09/15/2011	09/15/2013	50,000
Strauss, Michael A	1206402	Grant	Summer Undergraduate Fellowship - Andrew Tracer	National Institute of Standards and Technology	05/01/2011	09/30/2011	5,000
Stone, James M	1206401	Grant	Radiation/MHD Simulations of Accretion	The Johns Hopkins University	02/18/2011	02/17/2014	243,509
Spitkovsky, Anatoly	1206400	Grant	Collisionless Shocks in Laboratory High Energy Density Plasmas	DOE - National Nuclear Security Administration	02/02/2011	02/01/2013	295,883
Jenkins, Edward B	1206398	Grant	Constraining Models of Deuterium Depletion and Galactic Chemical Evolution with Improved Measurements of D/H	Space Telescope Science Institute	12/01/2010	11/30/2013	61,300
Burrows, Adam S	1206396	Contract	Mapping Brown Dwarfs: The Evolution of Cloud Properties Through the L-T Transition"	Space Telescope Science Institute	11/01/2010	03/31/2012	10,000
Burrows, Adam S	1206395	Contract	The Atmospheric Structure of Giant Hot Exoplanets	Space Telescope Science Institute	11/01/2010	10/31/2013	158,000
Lang, Dustin A	1206394	Contract	A Panchromatic Hubble Andromeda and Triangulum Survey	Space Telescope Science Institute	11/01/2010	11/30/2014	59,801
Nordhaus, Jason T	1206393	Contract	Binary-induced Jet Precession in Post-AGB Stars and Planetary Nebulae	Space Telescope Science Institute	10/01/2010	09/30/2011	6,071
Burrows, Adam S	1206391	Grant	Balancing the Budget: Simultaneous Near- and Mid-IR Phase Curves of WASP-12b: The Atmospheric Structure of Giant Hot Exoplanets	Cal Tech - Jet Propulsion Lab (JPL)	09/15/2010	09/30/2013	15,000
Zaldarriaga, Matias	1204180	Grant	Packard Fellowship: Dr. Matias Zaldarriaga	The David and Lucile Packard	07/01/2010	10/31/2012	64,761
Spitkovsky, Anatoly	1206389	Grant	Light Curves and Spectra from Strong Currents in Pulsar Magnetospheres	NASA Goddard Space Flight Center	08/14/2010	08/13/2012	90,000
Draine, Bruce T	1206388	Grant	Optical Properties of Interstellar Dust	National Science Foundation	08/01/2010	07/31/2013	314,081
Draine, Bruce T	1206408						9,900
Goodman, Jeremy J	1206384	Grant	Predicting Signatures of Accretion and Turbulence in Protoplanetary Disks	NASA Headquarters - Washington	09/01/2010	08/31/2013	362,000
Stone, James M							
Spitkovsky, Anatoly	1206383	Grant	AB-Initio Calculation of Early Afterglow Emission in GRBS	NASA Headquarters - Washington	04/14/2010	04/13/2012	38,000
Burrows, Adam S	1206382	Grant	PetaCactus: Unraveling the Supernova -- Gamma-Ray Burst Mystery	Louisiana State University (LSU)	09/01/2009	08/31/2014	525,692
Cen, Renyue	1206381	Contract	Better Understanding X-Ray Absorbing Warm-Hot Intergalactic Medium	Smithsonian Astrophysical Observatory	01/01/2010	02/29/2012	100,000
Jenkins, Edward B	1206380	Grant	An Inventory of Partially Ionized Interstellar Gas within Several Hundred Parsecs of the Sun	NASA Headquarters - Washington	12/15/2009	12/14/2011	346,898

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Bowen, David V	1206379	Grant	Metal Baryons Around Galaxies	NASA Headquarters - Washington	12/08/2009	12/07/2013	518,239
Jenkins, Edward B	1206378	Contract	Probing Warm-Hot Intergalactic Gas at $0.5 < z < 1.3$ with a Blind Survey for O VI, Ne VIII, Mg X, and Si XII Absorption Systems	Space Telescope Science Institute	12/01/2009	11/30/2011	187,024
Kasdin, N. Jeremy	1206377	Grant	Exoplanetary Science with High Contrast Imaging	National Science Foundation	10/01/2009	09/30/2011	12,264
Strauss, Michael A	1206376	Grant	NSF Fellowship - Cullen Blake	National Science Foundation	09/01/2009	08/31/2012	22,200
Spitkovsky, Anatoly	1206375	Grant	Gamma Ray Emission from Plasma-Filled Pulsar Magnetospheres	NASA Goddard Space Flight Center	08/14/2009	08/13/2011	90,000
Spitkovsky, Anatoly Metzger, Brian D	1206373	Contract	Theoretical Models of Gamma-Ray Burst Central Engines	Smithsonian Astrophysical Observatory	09/01/2009	04/30/2013	299,031
Stone, James M Rafikov, Roman R	1206372	Grant	ARRA: Magnetohydrodynamics of Protoplanetary Disks	National Science Foundation	09/01/2009	08/31/2013	633,320
Burrows, Adam S	1206368	Grant	Computational Nuclear Astrophysics	University of Notre Dame	09/01/2009	08/31/2012	219,563
Stone, James M	1206367	Grant	NESSF Fellowship: Magnetorotational Instability and Planetesimal Formation in Protoplanetary Disks	NASA Goddard Space Flight Center	09/01/2009	08/31/2012	83,906
Strauss, Michael A Lupton, Robert H Spergel, David N	1206366	Grant	ARRA: Analyzing Deep Imaging Data: State of the Art Algorithms, Weak Lensing and Galaxy Formation	National Science Foundation	08/15/2009	07/31/2012	433,930
Cen, Renyue	1206370	Contract	AB Initio Dwarf Galaxy Formation Simulations	Space Telescope Science Institute	09/01/2009	08/31/2011	191,842
Spergel, David N	1206371	Contract	Simulating Reionization: a Semi-Numeric Toolkit for Interpreting Observations	Space Telescope Science Institute	09/01/2009	08/31/2011	186,580
Strauss, Michael A	1206369	Contract	Probing Star Formation and Galactic Assembly with 300,000 Galaxies at $z < 1$	Space Telescope Science Institute	09/01/2009	08/31/2011	152,897
Gunn, James E	1206365	Grant	Stellar Population Synthesis Modeling A Critical Evaluation	National Science Foundation	08/01/2009	04/30/2013	352,200
Gunn, James E	1206387						10,050
Gunn, James E	1206403						9,900
Gunn, James E	1206437						10,125
Fisch, Nathaniel J	1206363	Grant	Alpha Channeling in Open-System Magnetic Devices	DOE - Germantown	04/01/2009	03/31/2014	180,000
Strauss, Michael A	1206362	Grant	Doubling the Sample of Bright Lensed LBGs Observed by Spitzer	Cal Tech - Jet Propulsion Lab (JPL)	06/11/2009	09/30/2011	55,114
Burrows, Adam S	1206359	Contract	Dynamic Atmosphere of the Eccentric and Massive Planet XO-3b	Cal Tech - Jet Propulsion Lab (JPL)	05/20/2009	09/30/2012	30,000
Draine, Bruce T	1206354	Contract	Key Insights on Nearby Galaxies: A Far-Infrared Survey with Herschel (KINGFISH)	Cal Tech - Jet Propulsion Lab (JPL)	04/14/2009	09/30/2013	220,664
Gunn, James E	1204174	Grant	ARC Agreement SSP311, SDSS3/BOSS	Astrophysical Research Consortium	10/01/2008	12/31/2012	729,131
Burrows, Adam S	1206353	Contract	Dynamic Studies of Exoplanet Atmospheres: From Global Properties to Local Physics	Cal Tech - Jet Propulsion Lab (JPL)	03/19/2009	09/30/2012	80,000
Cool, Richard J	1206352	Grant	MIPS AGN and Galaxy Evolution Survey	Cal Tech - Jet Propulsion Lab (JPL)	02/05/2009	09/30/2012	880
Goodman, Jeremy J	1206351	Grant	Physics Frontiers Center, "Center for Magnetic Self-Organization in Laboratory and Astrophysical Plasmas"	University of Wisconsin	09/01/2008	08/31/2013	920,000
Jenkins, Edward B	1206347	Grant	Toward a Better Understanding of ISM Turbulence through the Study of Velocity Profiles over a Large Dynamic Range	Space Telescope Science Institute	11/01/2008	10/31/2011	118,732

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Strauss, Michael A	1206346	Contract	Probing Star Formation and Galactic Assembly with 300,000 Galaxies at $z < 1$	Space Telescope Science Institute	09/01/2008	08/31/2011	108,794
Spergel, David N	1206344	Contract	Simulating Reionization: a Semi-Numeric Toolkit for Interpreting Observations	Space Telescope Science Institute	09/01/2008	08/31/2011	108,895
Burrows, Adam S	1206343	Contract	Probing the Atmosphere of TrES-3, the Shortest Period Transiting Planet Within Spitzer's Reach	Cal Tech - Jet Propulsion Lab (JPL)	07/25/2008	09/30/2011	10,000
Burrows, Adam S	1206342	Grant	Theory of Extrasolar Giant Planets and Brown Dwarfs	NASA Headquarters - Washington	07/01/2008	07/15/2011	380,549
Draine, Bruce T	1206341	Contract	Dust in the Wind: Mapping the Nearest Galactic Superwind with the IRS on Spitzer	Cal Tech - Jet Propulsion Lab (JPL)	06/23/2008	09/30/2011	15,000
Spitkovsky, Anatoly	1206339	Grant	Particle Acceleration in Astrophysical Collisionless Shocks	National Science Foundation	07/15/2008	06/30/2013	354,000
Spitkovsky, Anatoly	1206397						9,550
Spitkovsky, Anatoly	1206405						9,900
Spitkovsky, Anatoly	1206436						10,125
Rafikov, Roman R	1204172	Grant	Rafikov Sloan Fellowship	Alfred P. Sloan Foundation	09/16/2008	09/15/2012	50,000
Burrows, Adam S	1206338	Cooperative Agreement	Computational Astrophysics Consortium: Supernovae, Gamma-Ray Bursts, and Nucleosynthesis	DOE - Germantown	03/15/2008	09/14/2012	676,000
Burrows, Adam S	1206418						75,000
Fisch, Nathaniel J	1206337	Grant	Fundamental Issues in the Interaction of Intense Lasers with Plasma	DOE- Albuquerque Operations Office	04/18/2008	04/17/2013	1,714,300
Rafikov, Roman R	1206336	Grant	Origin of Giant Planets and the Dynamics of Circumplanetary Disks	NASA Headquarters - Washington	02/05/2008	02/04/2013	391,000
Spergel, David N	1206331	Grant	The Cosmic Microwave Background as a Cosmological Probe	NASA Headquarters - Washington	02/01/2008	01/31/2012	362,200
Strauss, Michael A	1206320	Grant	Systematic Effects in Type-1a Supernovae Surveys from Host Galaxy Spectra	DOE - Germantown	09/01/2007	08/31/2011	280,800
Spitkovsky, Anatoly	1204170	Grant	Very High Mach Number and Relativistic Shocks: Fine Structure and Particle Dynamics	U.S.-Israel Binational Science Fdn.	10/01/2007	09/30/2012	54,500
Ostriker, Jeremiah P	1206318	Grant	Collaborative Research: Toward Petascale Simulations of Early Cosmic Evolution	National Science Foundation	09/01/2007	08/31/2011	16,116
Spergel, David N	1206317	Grant	Optical Dust Polarization Measurements in the Galactic Halo: A Tool for Detecting Primordial Gravity Waves	National Science Foundation	09/01/2007	08/31/2011	364,488
Spergel, David N	1206364						8,446
Strauss, Michael A	1206315	Grant	The Clustering of High Redshift Quasars on Large and Small Scales	National Science Foundation	09/01/2007	08/31/2013	376,037
Strauss, Michael A	1206355						7,000
Strauss, Michael A	1206390						9,550
Strauss, Michael A	1206435						10,125
Turner, Edwin L	1206314	Contract	Europa in Eclipse: Tenuous Atmosphere, Electromagnetic Activity and Surface Luminescence	Space Telescope Science Institute	08/01/2007	07/31/2011	63,186
Goodman, Jeremy J	1206311	Grant	Tides and Atmospheres for Hot Jupiters	National Science Foundation	09/01/2007	08/31/2012	236,942

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Spergel, David N	1206308	Grant	Statistical Techniques for the Analysis of High Resolution CMB Data	National Science Foundation	08/01/2007	07/31/2011	446,192
Spergel, David N	1206357						9,400
Spergel, David N	1206392						8,500
Knapp, Gillian R	1206306	Grant	Collaborative Research: Discovery and Analysis of Carbon-Enhanced Stars in SDSS-I and SDSS-II	National Science Foundation	07/01/2007	06/30/2012	43,241
Spitkovsky, Anatoly	1204166	Grant	Spitkovsky Sloan Research Fellowship	Alfred P. Sloan Foundation	09/16/2007	09/15/2011	45,000
Shapley, Alice E	1204164	Grant	Metals, Masses and Feedback at High Redshift	The David and Lucile Packard	10/15/2006	10/14/2011	504,239
Lupton, Robert H	1206276	Grant	Testbed Photometric Data Processor (TPDP)	National Optical Astronomy	09/01/2005	09/30/2013	1,699,800
Spergel, David N	1206275	Grant	Southern Optical Astronomical Survey	National Science Foundation	10/01/2005	09/30/2011	2,230,762
Page, Lyman A							
Staggs, Suzanne T							
Spergel, David N	1206280						119,238
Bowen, David V	1206261	Grant	Distribution of Baryons in the Universe	NASA Headquarters - Washington	02/15/2005	12/31/2011	767,600

Contributions Made to Other Units :**PPPL Contract**

Nathaniel J Fisch
 Ronald C Davidson
 Hantao Ji

Woodrow Wilson School

Christopher F Chyba

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Atmospheric & Oceanic Sciences

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Horowitz, Larry W Lin, Meiyun	3436216	Contract	Regional Indicators of Daily-to-Yearly Variability in Background Ozone to Inform Air Quality Standard-Setting and Decision-Making	Columbia University	02/01/2012	01/31/2013	197,093
Rodgers, Keith B Key, Robert M Sarmiento, Jorge L	3436215	Grant	Large-scale Controls on Equatorial Pacific Nutricline Structure	National Science Foundation	05/01/2012	04/30/2015	561,102
Vallis, Geoffrey K	3436214	Grant	CLIVAR CO2/Repeat Hydrography Lines A22 & A20 Cruise	Scripps Institution of Oceanography	03/22/2012	04/19/2012	6,772
Balaji, Venkatramani	3436213	Grant	ARRA:CDI-Type II: Collaborative Research: Scaling Up: Introducing Commoditized Governance into Community Earth Science Modeling	University of Colorado at Boulder	01/12/2012	09/30/2013	170,000
Vallis, Geoffrey K Held, Isaac M	3436211	Grant	Dynamics of the Midlatitude Circulation and Implications for a Changing Climate	National Science Foundation	01/01/2012	12/31/2014	606,252
Sarmiento, Jorge L Downes, Stephanie M Rodgers, Keith B	3436210	Grant	Collaborative Project: Mode and Intermediate Waters in Earth System Models	DOE - Chicago	09/15/2011	09/14/2014	519,741
Held, Isaac M Balaji, Venkatramani Fueglistaler, Stephan A	3436209	Grant	Parameterization Development at High Resolution in Atmospheric Models Utilizing Both Idealized and Realistic Model Configurations	DOE - Chicago	09/15/2011	09/14/2014	1,020,867
Sarmiento, Jorge L Key, Robert M Rodgers, Keith B	3436208	Grant	Towards an estimate of total ocean carbon uptake and changes in the rate of carbon uptake over the last two decades	U.S. DOC - Natl Oceanic & Atmos	09/01/2011	08/31/2014	545,397
Sarmiento, Jorge L	3434046	Grant	Towards Reliable Projections of the Response of Fisheries to Future Climates	University of British Columbia	07/01/2011	06/30/2014	541,535
Sarmiento, Jorge L Medvigy, David M	3436207	Grant	Detection and Attribution of Rapid Large-scale Shifts in the Terrestrial Carbon Cycle	University of California at Los Angeles	01/01/2011	12/31/2013	287,789
Balaji, Venkatramani	3436206	Grant	G8 Initiative:ExArch:Climate analytics on distributed exascale data archives	National Science Foundation	03/01/2011	02/28/2014	312,967
Held, Isaac M	3434045	Contract	Willis Research Network Agreement	Willis Research Network	10/01/2010	09/30/2013	300,000
Vallis, Geoffrey K	3436205	Grant	The Mechanisms of Natural Variability and its Interaction with Anthropogenic Climate Change	DOE - Washington	09/01/2010	08/31/2013	529,968
Vallis, Geoffrey K	3436204	Grant	The Maintenance of Deep Circulation and Stratification in the Ocean	National Science Foundation	10/01/2010	09/30/2013	344,848
Sarmiento, Jorge L	3436203	Grant	Ocean Acidification -Category 1: Does the Strength of the Carbonate Pump Change with Ocean Stratification and Acidification and How?	National Science Foundation	11/01/2010	10/31/2013	493,190
Sarmiento, Jorge L Palter, Jaime B	3436202	Grant	Investigating the Evolution of Ocean Ventilation and its Impact on natural and Anthropogenic Carbon Uptake in a Warming Ocean	U.S. DOC - Natl Oceanic & Atmos	05/01/2010	04/30/2013	449,825
Oey, Lie-Yauw	3436201	Grant	GOMEX 3-D Operational Ocean Forecast System Pilot Project	Portland State University	04/20/2010	03/31/2012	150,049

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Sarmiento, Jorge L Wood, Eric F	3436197	Cooperative Agreement	CICS Shadow Award Under CICS Award NA17RJ2612 Competitive Proposals	U.S. DOC - Natl Oceanic & Atmos	07/01/2008	06/30/2013	0
Hedin, Lars O Pacala, Stephen W Shevliakova, Elena	3446112						402,766
Wood, Eric F	1556120						307,000
Wood, Eric F	1556121						125,000
Sergienko, Olga V	3436195	Grant	CMG Enabling Ice Sheet Sensitivity& Stability Analysis with a Large-Scale Higher-Order Ice Sheet Model's Adjoint to Support Sea Level Change Assessment	National Science Foundation	09/15/2009	08/31/2013	68,968
Sarmiento, Jorge L	3436194	Grant	ARRA: Collaborative Research: Modified Circumpolar Deep Water Intrusions as an Iron Source to the Ross Sea Ecosystem	National Science Foundation	09/01/2009	08/31/2013	345,000
Sergienko, Olga V	3436192	Grant	ARRA: Model Investigation of Ice Stream/Subglacial Lake Systems	National Science Foundation	07/15/2009	06/30/2013	375,543
Rodgers, Keith B Key, Robert M Sarmiento, Jorge L	3436191	Grant	A new method for identifying anthropogenic changes in ocean biogeochemistry through the combined use of repeat hydrographic measurements & remote	NASA Headquarters - Washington	04/16/2009	04/15/2013	628,900
Legg, Sonya A	3436190	Grant	Numerical investigation of nonlinear internal wave generation and breaking in straits	Office of Naval Research	03/17/2009	12/31/2013	165,153
Legg, Sonya A	3436212						206,821
Oey, Lie-Yauw	3436189	Contract	Mid-Atlantic Ocean Model Calculations	Bureau of Safety and Environmental Enforcement	01/22/2009	09/30/2012	995,625
Oey, Lie-Yauw	3436188	Contract	Dynamics of the Loop Current in U.S. Waters	Science Applications Int'l. Corp.	10/03/2008	09/30/2013	500,000
Key, Robert M	3436187	Grant	Collaborative Research: Collection and Analysis of Radiocarbon Samples on Repeat Hydrography Lines	National Science Foundation	01/01/2009	09/30/2014	148,521
Sarmiento, Jorge L Key, Robert M Oey, Lie-Yauw Rodgers, Keith B Vallis, Geoffrey K	3436178	Cooperative Agreement	Cooperative Institute for Climate Science	U.S. DOC - Natl Oceanic & Atmos	07/01/2008	06/30/2013	0
Sarmiento, Jorge	3436180						310,060
Sarmiento, Jorge	3436181						16,556,832
Sarmiento, Jorge	3436183						22,679
Key, Robert M	3436184						630,725
Rodgers, Keith B Sarmiento, Jorge L	3436185						273,194
Sarmiento, Jorge	3436186						182,000
Oey, Lie-Yauw	3436193						56,000
Sarmiento, Jorge L	3446093		<i>Also see child P/Gs in PEI - starting with 3446093</i>				0

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Key, Robert M	3436177	Grant	Carbon in the North Atlantic	U.S. DOC - Natl Oceanic & Atmos	06/01/2008	05/31/2012	392,010
Oey, Lie-Yauw	3436176	Contract	Ultra-Deepwater Circulation Processes in the Gulf of Mexico	U.S. Mineral Management Service	02/13/2008	10/31/2012	753,970
Vallis, Geoffrey K	3436175	Grant	Mechanisms and Predictability of Interannual to Interdecadal Climate Variability	U.S. DOC - Natl Oceanic & Atmos	08/01/2007	07/31/2011	385,222
Sarmiento, Jorge L Key, Robert M	3436174	Grant	A Climate Process Team on Southern Ocean Water Mass Transformation and the Carbon Cycle	U.S. DOC - Natl Oceanic & Atmos	07/01/2007	06/30/2012	525,354
Sarmiento, Jorge L Key, Robert M	3436170	Grant	Stoichiometry of Oceanic Remineralization by Non-Linear Global Optimization on an Improved Data Set	National Science Foundation	09/01/2007	08/31/2011	434,560
Sarmiento, Jorge L	3436167	Grant	Do Coupled Climate Models Correctly Simulate the Upward Branch of the Deep Ocean Global Conveyor	DOE - Chicago	08/15/2007	02/29/2012	921,436
Gnanadesikan, Anand	3436168	Grant	Ocean color, carbon and circulation: Studies with an Earth System Model	NASA Headquarters - Washington	05/15/2007	04/14/2012	416,766
Adcroft, Alistair J	3436156	Grant	Estimating the Circulation and Climate of the Ocean-ECCO II: High Resolution Global-Ocean and Sea-Ice Reanalysis	Massachusetts Institute of Technology	12/15/2005	12/14/2011	450,000

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Felten, Edward W	3324000	Grant	Removing Private Information from Public Documents	Public.Resource.Org	10/01/2010	09/30/2011	60,000
Felten, Edward W	3326001	Grant	Reconciling Post-Election Auditing with the Secret Ballot	National Science Foundation	09/01/2010	08/31/2012	170,000
Felten, Edward W	3326000	Grant	CT-ISG: Population Studies in Computer Security via DNS Monitoring	National Science Foundation	09/01/2008	08/31/2011	237,009

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Wuthnow, Robert J	3254049	Grant	Faith and Religious Perspectives of Senior Business Executives	Laity Leadership Institute	05/10/2010	12/31/2013	55,000
Wuthnow, Robert J	3254046	Grant	Christian Thought and Practice	Lilly Endowment, Inc.	12/01/2007	06/30/2013	2,101,715
Wuthnow, Robert	3254047						153,210
J							

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7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Porter, Carol A	6164001	Grant	Community Colleges Partnership Agreement	Various (Pri/Other)	07/01/2006	06/30/2013	175,000

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7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Steinhardt, Paul J	3114002	Grant	Simons Postdoctoral Fellowship	The Simons Foundation	07/01/2010	06/30/2014	539,813
Steinhardt, Paul J	3114003						60,000

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Chemical and Biological Engineering

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Sundaresan, Sankaran	1606369	Contract	Carbon Capture Simulation Initiative, Particle and Device Scale Modeling	URS Energy and Construction Inc.	03/01/2012	01/31/2013	119,997
Loo, Lynn	1604243	Cooperative Agreement	BASF-Understanding and Controlong Crystallization of our Semiconductors on Various Surfaces	BASF Corporation	06/01/2012	05/31/2015	300,000
Priestley, Rodney D	1606367	Grant	Characterization of Nanostructured Polymer Films	Air Force Office of Scientific Research	06/01/2012	05/31/2015	360,000
Floudas, Christodoulos A	1604240	Contract	Development of Biomass To Liquid Transportation Fuels Superstructure and Optimization of Plant and Supply Chain Models	Lockheed Martin Corporation	03/19/2012	05/31/2014	200,000
Prud'homme, Robert K	1604239	Cooperative Agreement	Nanocarrier Constructs for Ocular Drug Delivery	GlaxoSmithKline	02/15/2012	06/30/2013	164,206
Debenedetti, Pablo G	1604237	Grant	The Science and Technology of Dispersants as Relevant to Deep-Sea Hydrocarbon Releases	Tulane University	10/01/2011	07/10/2015	370,000
Prud'homme, Robert K	1604241						74,000
Koel, Bruce E	1604236	Grant	Toward Improved Heterogeneous Catalysts for Olefin Metathesis	American Chemical Society	01/01/2012	08/31/2014	100,000
Koel, Bruce E	1606365	Grant	ARRA: Rational Design of Innovative Catalytic Technologies for Biomass Derivative Utilization	University of Delaware	08/01/2011	07/31/2014	127,712
Sundaresan, Sankaran	1606364	Grant	AOI 1: Implementation and Refinement of a Comprehensive Model for Dense Granular Flow	DOE - Pittsburgh NETL	10/01/2011	09/30/2014	300,000
Debenedetti, Pablo G	1604234	Contract	Computational Studies of Hydration, Maintenance and Repair of Biological Substrates	Unilever R&D, Port Sunlight	09/01/2011	08/31/2013	342,700
Sundaresan, Sankaran	1604235	Contract	Reactive Liquid Transport and Agglomeration Tendency in Fluidized Beds	Synchrude Canada Ltd.	07/01/2011	06/30/2015	337,500
Nelson, Celeste M	1606362	Grant	Mechanical Regulation of Branching Morphogenesis	National Institutes of Health	07/01/2011	06/30/2013	442,750
Prud'homme, Robert K	1604233	Contract	Novartis Pharmaceutical Internship	Novartis Pharmaceuticals Corporation	05/01/2011	09/30/2011	29,400
Loo, Lynn	1606361	Grant	ARRA: NIST Fellowship - Jacob Tarver: Organic Solar Cells	University of Maryland	01/01/2011	12/31/2012	82,221
Prud'homme, Robert K	1606360	Grant	Multifunctional PEG Hydrogel Nano/Microparticles for Targeted Treatment of NSCLC	Rutgers University	01/01/2011	12/31/2012	208,947
Koel, Bruce E	1606359	Grant	Structure and Chemistry of ALloy and Oxide Films at Bimetallic Pt Surface	National Science Foundation	01/01/2011	08/31/2013	485,000
Sundaresan, Sankaran	1606358	Contract	ARRA: Carbon Capture Simulation Initiative, Particle and Device Scale Modeling	URS Energy and Construction Inc.	12/01/2010	03/31/2012	150,000
Loo, Lynn	1606356	Grant	Development of New Solution-Processable Electron Acceptors for Organic Photovoltaic Applications	Office of Naval Research	02/01/2011	01/31/2014	260,000
Loo, Lynn	1606366						130,000
Priestley, Rodney D	1606355	Grant	Career: Formation of Stable Polymer Glasses	National Science Foundation	03/01/2011	02/29/2016	500,000
Aksay, Ilhan A	1606354	Contract	Fundamental Studies on Large Scale Synthesis of Carbon Nanocomposite Materials	Battelle - Pacific Northwest National	11/15/2010	09/30/2012	300,000
Aksay, Ilhan A	1604232	Grant	Electrically Conducting Polymer-Graphene Nonocomposites	French American Cultural Exchange	07/01/2010	06/30/2013	106,800
Kevrekidis, Yannis G	1606352	Grant	Modeling and Simulation of High Dimensional stochastic Multiscale PDE Systems at the Exascale	DOE - Germantown	09/01/2010	08/31/2013	374,592
Loo, Lynn	1606350	Grant	Collaborative Research: High-Performance Crystalline Bulk Heterojunction Organic Solar Cells	National Science Foundation	09/01/2010	08/31/2013	399,997

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Chemical and Biological Engineering (2)

ACTIVE SPONSORED PROJECTS

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Panagiotopoulos, Athanassios Z	1606349	Grant	Collaborative Research: Self-Assembly of Polymer Grafted Nanoparticles	National Science Foundation	09/01/2010	08/31/2013	274,257
Nelson, Celeste M	1604231	Grant	Tissue Morphodynamics	Alfred P. Sloan Foundation	09/15/2010	09/15/2014	50,000
Register, Richard A	1606347	Grant	Driving Structure Formation in Block Copolymers by Crystallization	National Science Foundation	08/01/2010	07/31/2014	516,000
Link, A. James	1606346	Grant	CAREER: Probing the Limits of Affinity and Specificity in Apoptotic Protein Interactions	National Science Foundation	02/15/2010	01/31/2015	401,958
Link, A. James	1606363						10,325
Sundaresan, Sankaran	1604230	Contract	Filtered Two-Fluid Models for Reacting Gas-Parcile Flows	ExxonMobil Global Services Company	12/18/2009	12/31/2013	195,000
Nelson, Celeste M Boghaert, Eline E	1606341	Grant	Modeling Tumor Dynamics in Vitro and in Silico	NJ Commission on Cancer Research	12/01/2009	11/30/2011	50,000
Debenedetti, Pablo G	1604229	Contract	Computational Studies of Hydration, Maintenance and Repair of Biological Substrates	Unilever R&D, Port Sunlight	09/01/2009	08/31/2012	337,653
Floudas, Christodoulos A	1606338	Grant	EFRI-HyBi: Conversion of Biomass to Fuels using Molecular Sieve Catalysts and Millisecond Contact Time Reactors	University of Minnesota	09/01/2009	08/31/2013	530,000
Priestley, Rodney D	1604227	Grant	Nanoengineering Polymeric Membranes for Gas Separations and Proton Exchange	American Chemical Society	09/01/2009	08/31/2011	100,000
Nelson, Celeste M Gomez, Esther W	1604226	Grant	Effect of Matrix Compliance and Mechanical Tension on Fibrosis of the Breast	The Susan G. Komen Breast Cancer	09/15/2009	09/14/2012	67,283
Debenedetti, Pablo G	1606333	Grant	Collaborative Research: Ordering Processes in Water, Aqueous Solutions, and Water-Biomolecule Systems	National Science Foundation	09/15/2009	08/31/2012	419,604
Aksay, Ilhan A Prevost, Jean-Herve Stone, Howard A	1606332	Grant	Innovative Design and Processing of Multi-Functional Adaptive Structural Materials	US Army RD&E Command	09/01/2009	08/31/2014	5,838,703
Prevost, Jean-Herve	1606337						277,736
Stone, Howard A	1606339						133,561
Floudas, Christodoulos A Garcia, Benjamin A Rabinowitz, Joshua D	1606331	Grant	ARRA: CDI-Type II: MS-Omics Hub for Cyber-enabled Acceleration of Mass Spectrometry-based Metabolomics and Proteomics	National Science Foundation	09/01/2009	08/31/2013	480,760
Rabinowitz, Joshua D Floudas, Christodoulos A	1606335						347,112
Garcia, Benjamin Floudas, Christodoulos A	1606336						475,362
Panagiotopoulos, Athanassios Z	1606330	Grant	Interactions, Phase Equilibria and Self-Assembly in Ionic Systems	DOE - Washington	09/01/2009	05/31/2014	586,594
Panagiotopoulos, Athanassios Z	1606351						50,731

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

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ACTIVE SPONSORED PROJECTS

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Kevrekidis, Yannis G Singer, Amit	1606327	Grant	Equation-Free and Variable-Free Modeling for Complex/Multiscale Systems: Coarse-grained Computation in Science and Engineering using	DOE - Germantown	09/01/2009	08/31/2013	1,511,635
Singer, Amit	1606334						60,813
Aksay, Ilhan A Car, Roberto Dryer, Frederick L Selloni, Annabella	1606326	Grant	ARRA: Multifunctional Colloidal Nanocatalysts For Liquid Fuel Combustion	Air Force Office of Scientific Research	07/01/2009	12/31/2011	2,415,811
Car, Roberto Selloni, Annabella	1606328						149,394
Dryer, Frederick L	1606343						349,885
Loo, Lynn	1604225	Grant	Interfacial Engineering in Organic Solar Cells	The Camille and Henry Dreyfus Fdn.,	01/01/2009	10/01/2012	119,696
Floudas, Christodoulos A	1606323	Grant	Integrated Framework for Operational Planning and Scheduling Under Uncertainty	National Science Foundation	03/15/2009	02/28/2013	312,353
Prud'homme, Robert K	1606320	Contract	Novel Mycobacterial Translocase I Inhibitors - A New Class of Anti-TB Drugs.	Sequella, Inc.	09/01/2008	08/31/2011	112,151
Prud'homme, Robert K	1604224	Contract	siRNA Lipid Nanoparticles: Structural Evolution and Advanced Processing	Merck & Co., Inc.	12/04/2008	06/30/2012	352,448
Kevrekidis, Yannis G	1606319	Grant	Mathematical Methods for Assisting Agent-based Computation	Air Force Office of Scientific Research	11/01/2008	03/29/2012	929,082
Nelson, Celeste M	1604222	Grant	Nelson Packard Fellowship for Science and Engineering	The David and Lucile Packard	11/01/2008	10/31/2013	875,000
Loo, Lynn	1606316	Grant	Engineering Hybrid Nanoparticle-polymer Photovoltaics with Enhanced Charge Transport and Collection via Self-Assembly	Office of Naval Research	09/01/2008	08/31/2011	180,000
Kevrekidis, Yannis G	1606315	Grant	FRG: Collaborative Research: Multiscale Modeling of Solid Tumor Growth	National Science Foundation	09/15/2008	08/31/2011	44,843
Floudas, Christodoulos A	1606314	Grant	Protein Structure Prediction Using First Principles	National Institutes of Health	09/01/2008	08/31/2013	996,538
Floudas, Christodoulos A	1606311	Grant	Novel Methods and Computational Studies for Global Optimization	National Science Foundation	09/01/2008	08/31/2013	373,882
Panagiotopoulos, Athanassios Z	1604220	Grant	KAUST- Cornell Center for Polymers, Hybrid NanoMaterials and Complex Fluids	Cornell University	06/01/2008	05/31/2012	717,862
Loo, Lynn	1604219	Grant	Surface modification Through Tailored Self-Assemble Monolayer Adsorption.	Alfred P. Sloan Foundation	09/16/2008	09/15/2012	50,000
Nelson, Celeste M	1604217	Grant	Engineered Culture Model of Breast Fibrogenesis	The Susan G. Komen Breast Cancer	04/16/2008	04/14/2012	300,000
Nelson, Celeste M	1606306	Grant	Spatial Patterning of Branching Morphogenesis	National Institutes of Health	05/01/2008	04/30/2013	0
Nelson, Celeste M	1606308						1,418,245
Loo, Lynn	1606302	Contract	PIRE: POLYMER Education and Research Partnership between US and Korea	Rensselaer Polytechnic Institute	09/01/2007	12/31/2013	460,500
Loo, Lynn	1606305						8,000
Loo, Lynn	1606357						8,198
Russel, William B	1606299	Grant	Formation and Propagation of Cracks in Colloidal Packings	National Science Foundation	07/01/2008	06/30/2013	314,999
Nelson, Celeste M	1604215	Grant	Biophysical Dynamics in the Regulation of Tissue Morphogenesis	The Burroughs Wellcome Fund	09/01/2007	12/31/2014	490,190

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Chemical and Biological Engineering (4)

ACTIVE SPONSORED PROJECTS

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Sundaresan, Sankaran	1606292	Grant	Development, Verification, and Validation of Multiphase Models for Polydisperse Flows	University of Colorado at Boulder	05/18/2007	12/31/2011	317,076
Sundaresan, Sankaran	1606353						122,000
Prud'homme, Robert K	1604211	Grant	Cambrex Ligand Binding Study	Cambrex Pharmaceutical Products & Services	05/01/2007	12/31/2013	10,263
Floudas, Christodoulos A	1606291	Grant	Peptide and Protein Identification via Tandem MS and Mixed-Integer Optimization	National Institutes of Health	05/01/2007	04/30/2013	1,045,141
Prud'homme, Robert K	1604210	Contract	Use of Cyclodextrins in Polymer Synthesis	Arkema Inc.	12/01/2006	11/30/2012	99,137
Kevrekidis, Yannis G	1606287	Grant	Coarse-grained Dynamics and Robustness of Networks: An Equation-free Approach.	Defense Threat Reduction Agency	11/30/2006	11/29/2011	449,585
Kevrekidis, Yannis	1606340						414,554
Russel, William B	1604208	Contract	The Rheology of Dispersions of Inorganic Particles in Polymeric Media	Henkel Corporation, Irvine	01/01/2007	12/31/2011	285,862
Aksay, Ilhan A	1606286	Grant	NIRT: Graphene Nanoplates for Use in Nacre-Mimic Layered and Tabular Composites	National Science Foundation	08/15/2006	07/31/2011	999,616
Adamson, Douglas H Car, Roberto Prud'homme, Robert K							
Prud'homme, Robert K	1604206	Grant	Fundamentals of Nanoparticle Formation and Stability	BASF Corporation	03/01/2006	02/28/2014	220,000
Prud'homme, Robert K	1604156	Contract	Rheology of Viscoelastic Surfactant Solutions	Dowell Schlumberger	12/15/1998	12/14/2012	719,609
Prud'homme, Robert K	1604164	Contract	Control of the Formation and Properties of Alkane Hydrates	Halliburton Company	01/01/2001	12/31/2013	765,141
Debenedetti, Pablo G							
Prud'homme, Robert K	1604158	Contract	Wax Crystallization: Structure and Theology Control By Polymer Addition	Halliburton Company	12/01/1998	12/31/2013	703,069

Contributions Made to Other Units :

Computer Science

Stanislav Y Shvartsman

Graduate School

Willaim B Russel

Lewis-Sigler Institute for Integrative Genomics

Graduate School

Willaim B Russel

Lewis-Sigler Institute for Integrative Genomics

Stanislav Y Shvartsman

Physics

Jay B Benziger

Athanassios Z Panagiotopoulos

Stanislav Y Shvartsman

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

Contributions Made to Other Units (cont.):

Princeton Environmental Institute (PEI)

Pablo G Debenedetti

PRISM

Jay B Benziger

Mark P Brynildsen

A. James Link

Lynn Loo

Celeste M Nelson

Athanassios Z Panagiotopoulos

Rodney D Priestley

Robert K Prud'homme

Richard A Register

Willaim B Russel

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Chan, Garnet K	1306095	Grant	Bridging the Quantum-Chemistry Solid-State Divide: Theory and Application to Molecular Crystals	Cornell University	01/01/2012	08/31/2013	216,336
MacMillan, David W	1304438	Grant	Abbott Symposium in Organic Chemistry	Abbott Laboratories	02/01/2012	03/31/2012	3,564
Chan, Garnet K	1306077	Grant	SSI-SSE: General Tensor Software Elements for Quantum Chemistry, Tensor Network Theories, and Beyond	National Science Foundation	06/26/2012	05/31/2015	386,818
Chirik, Paul J	1304437	Contract	Chemical Studies Upon Families of Alpha-Diimine Compounds	Chevron Phillips Chemical Company	03/22/2012	12/13/2013	101,808
Bocarsly, Andrew B	1306070	Contract	STTR Phase I: High efficiency materials & processes for the reduction of CO2 to syngas	Liquid Light	03/21/2012	12/24/2012	30,096
Chan, Garnet K	1304435	Grant	Packard Fellowship for Garnet Chan	The David and Lucile Packard	03/01/2012	02/28/2013	166,735
Groves, John T	1306069	Grant	MERIT: Molecular Probes of the Mechanisms of Cytochrome P450	National Institutes of Health	06/01/2012	03/31/2017	1,893,245
Muir, Tom	1306068	Grant	Analysis of Proline Isomerization in Epigenetics	National Institutes of Health	05/01/2012	04/30/2015	141,342
Oslund, Rob C							
Chan, Garnet K	1306067	Grant	Many Body Methods from Chemistry to Physics: Novel Computational Techniques for Material-Specific Modeling A	Columbia University	01/01/2012	07/31/2013	182,850
			Computational Materials and Chemical Sciences Network				
Selloni, Annabella	1306064	Grant	Understanding Surfaces and Interfaces of Photocatalytic Oxide Materials with First Principles Theory and Simulations	DOE - Chicago	11/15/2011	11/14/2014	540,000
Doyle, Abigail G	1306063	Grant	CAREER: New Reagents and Strategies for Catalytic Nucleophilic Fluorination	National Science Foundation	02/01/2012	01/31/2017	550,000
Groves, John T	1306062	Grant	Metal-Oxo and Metal-Peroxo Intermediates in Oxidative Catalysis	National Science Foundation	04/01/2012	03/31/2015	610,000
Rabitz, Herschel A	1306061	Grant	Control of Quantum Open Systems: Theory and Experiment	University of Southern California	08/09/2011	08/08/2014	423,002
Doyle, Abigail G	1304430	Grant	Nickel-Catalyzed Cross Coupling with Iminium and Oxocarbenium Ions	Boehringer Ingelheim Pharmaceuticals Inc.	12/08/2011	06/07/2013	50,000
Muir, Tom	1306060	Grant	Chemistry and Biology of Protein Histidine Phosphorylation	National Institutes of Health	05/01/2011	11/30/2014	1,135,472
Yang, Haw	1306059	Grant	Regulation and Catalysis of Human Insulin Degrading Enzyme	University of Chicago	09/30/2011	08/31/2015	336,000
Reider, Paul J	1304429	Contract	Amgen Funding of the Reider Undergraduate Research Group 2012	Amgen, Inc.	10/28/2011	11/30/2012	50,000
Rabitz, Herschel A	1306056	Contract	Parent: Aggressive Optimization and Resource Estimation of Next-Generation Quantum Computing System	University of Southern California	08/01/2011	07/31/2015	1,107,970
Jha, Niraj K							
Martonosi, Margaret R							
Martonosi, Margaret R	1306057						205,660
Jha, Niraj K	1306058						201,643
Yang, Haw	1306055	Grant	Development of Quantum Dot Probes for Studies of Synergy Between Components of the Wood-Degrading Fungal Secretomes	DOE - Chicago	09/01/2011	11/30/2014	1,832,316
Chirik, Paul J	1306054	Grant	Understanding Nitrogen Fixation	DOE - Chicago	07/15/2011	07/14/2013	430,000
Doyle, Abigail G	1304428	Grant	Lilly Graduate Fellowship in Organic Chemistry	Lilly USA, LLC	09/01/2011	06/30/2012	30,000
Muir, Tom	1306053	Grant	Structure, Function and Applications of Inteins	National Institutes of Health	05/01/2011	07/31/2012	789,192
Muir, Tom	1306052	Grant	Peptide Autoinducers of Staphylococcal Pathogenicity	New York University	12/01/2010	11/30/2012	275,165

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Muir, Tom	1306050	Grant	ARRA: Cancer Epigenetics: Deregulation of Chromatin-templated Processes	Rockefeller University	05/01/2011	08/31/2012	185,359
Muir, Tom	1306051						117,957
Chirik, Paul J	1306049	Grant	Synthesis of Fuels and Value-Added Nitrogen-Containing Compounds from N ₂	Air Force Office of Scientific Research	08/15/2011	08/14/2014	525,000
Selloni, Annabella	1304427	Contract	Computational Modeling of Semiconductor Surfaces	Universidad de Las Palmas De Gran Canaria	06/30/2011	12/31/2012	154,834
Rabitz, Herschel A	1306048	Grant	Altering the Course of Quantum Dynamics Phenomena	National Science Foundation	08/15/2011	07/31/2014	501,000
Rabitz, Herschel A	1306047	Grant	Complex systems analysis and reduced-order modeling with HDMR	Office of Naval Research	06/15/2011	05/31/2015	400,000
Rabitz, Herschel A	1306046	Contract	DARPA FOUR-C Program	Lockheed Martin Corporation	02/25/2011	06/30/2012	100,000
Doyle, Abigail G	1304426	Grant	Lilly Symposium in Synthetic Organic Chemistry	Lilly USA, LLC	07/01/2011	06/30/2012	3,000
Muir, Tom Kee, Jung-Min	1304410	Grant	Investigation of Histidine Phosphorylation on Histone H4 through Synthetic Protein Chemistry	Damon Runyon Cancer Research Foundation	04/01/2011	12/31/2011	39,191
Hecht, Michael H	1306045	Grant	Evolution Reloaded: From Artificial Genes to Novel Biological Functions	National Science Foundation	04/01/2011	03/31/2014	703,918
Hecht, Michael H	1306065						20,250
Chirik, Paul J	1304409	Grant	New Transition Metal Reagents for Energy-Efficient, Environmentally Benign Chemical Synthesis	The Camille and Henry Dreyfus Fdn.,	02/15/2011	06/30/2012	8,151
MacMillan, David W Skucas, Eduardas	1306044	Grant	NRSA: Organocascade Catalysis - Total Synthesis of Ochrosamine B	National Institutes of Health	03/01/2011	06/30/2012	66,815
Chirik, Paul J	1304408	Grant	Fertilizer Synthesis from Atmospheric Nitrogen	American Chemical Society	01/01/2011	06/30/2013	145,113
Chirik, Paul J	1304407	Grant	Non-precious Metal Catalyzed Hydrosilylation	Momentive Performance Materials Inc.	01/01/2011	12/31/2013	434,600
Rabitz, Herschel A	1306042	Contract	The Natural Evolution of Quantum-Coherent Light-Harvesting by Cryptophyte Algae and its Application in Quantum Phase Sensors	University of Toronto	09/16/2010	04/30/2012	276,740
Doyle, Abigail G	1304406	Grant	Asymmetric Methods for Catalytic Fluorination and Trifluoromethylation	Merck & Co., Inc.	01/13/2011	01/12/2013	75,000
Cava, Robert J	1306041	Grant	Cryogenic Peltier Cooling	Ohio State University	09/15/2010	09/14/2013	562,500
Bocarsly, Andrew B	1306039	Grant	MURI -- Novel Catalytic Mechanisms for the Chemical Reduction of Carbon Dioxide to Energy-Dense Liquids (Topic #11)	University of California at San Diego	10/01/2010	09/29/2013	745,914
Yang, Haw	1304404	Grant	Dynamical Coordination in a Multi-Domain, Peptide Antibiotic Mega-Synthetase	Human Frontier Science Program Org. (HFSP)	12/01/2010	11/30/2013	390,000
Chirik, Paul J	1306038	Grant	International Collaboration in Chemistry: Synthesis and Spectroscopy of Reduced Bis(imino)pyridine Iron Compounds	National Science Foundation	10/01/2010	09/30/2013	450,000
Fiedler, Dorothea	1306037	Grant	Elucidating Cellular Signaling Functions of Diphosphoinositol Polyphosphates	National Institutes of Health	09/15/2010	08/31/2013	751,268
Bastian, Caleb	1306036	Grant	Prediction of Molecular Regulatory Networks in Dental and Craniofacial Disease	National Institutes of Health	09/03/2010	08/31/2015	631,640
MacMillan, David W	1306035	Grant	Cascade Catalysis: A Valuable Strategy for Complex Molecule Synthesis	National Institutes of Health	09/15/2010	07/31/2014	1,262,041

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

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Reider, Paul J	1304402	Contract	Amgen Funding of the Reider Undergraduate Research Group 2011	Amgen, Inc.	05/13/2010	11/30/2011	45,578
Cava, Robert J	1306033	Grant	4d and 5d Oxides at the Border between Localized and Itenerant Electronic Behavior	National Science Foundation	07/01/2010	06/30/2014	530,000
Yang, Haw	1306032	Cooperative Agreement	Characterization Methods for Kinetics of Bottom-Up Assembly with Nanoscale Building Blocks	National Institute of Standards and Technology	09/01/2009	08/31/2011	44,212
Yang, Haw	1304401	Grant	2008 Camille and Henry Dreyfus Foundation Teacher-Scholar Award - Transfer	The Camille and Henry Dreyfus Fdn.,	07/01/2009	06/30/2013	38,103
Bocarsly, Andrew B	1306029	Grant	Photoelectrochemical Conversion of Carbon Dioxide to Alcohols: Formation Carbon-Based Fuels Via Carbon Bond Formation	Air Force Office of Scientific Research	05/15/2010	05/14/2013	522,231
Carey, Jannette	1306027	Grant	REU Site: Summer Research in Molecular Biophysics	National Science Foundation	05/01/2010	04/30/2014	232,500
Carey, Jannette	1306028						115,550
Carey, Jannette	1306094						12,500
MacMillan, David W	1306025	Grant	Photoredox Catalysis for Chemical Synthesis	National Institutes of Health	04/01/2010	01/31/2014	1,142,761
Cava, Robert J	1306022	Grant	Towards New and Better High Temperature Superconductors	Stanford University	08/01/2009	12/31/2012	979,000
Carey, Jannette	1306019	Grant	IRES: U.S. - Czech Research Experience for Students: Structure and Function of the Noval Flavoprotein (WrbA)	National Science Foundation	09/15/2009	08/31/2013	31,878
Carey, Jannette	1306020						42,600
Doyle, Abigail G	1304399	Grant	Reaction Design for Nucleophilic Fluorination with Chiral Lewis Base Catalysts	American Chemical Society	09/01/2009	08/31/2011	100,000
Rabitz, Herschel A	1306018	Grant	Exploring the Scope of Controlling Quantum Phenomena	Army Research Office	09/01/2009	08/31/2012	309,000
Rabitz, Herschel A	1306066						31,000
Bocarsly, Andrew B	1306017	Grant	Photoelectrochemical Conversion of Carbon Dioxide to Methanol and Higher Order Alcohols	DOE - Washington	09/01/2009	03/31/2013	640,000
Bernasek, Steven L	1306015	Grant	Structure and Dynamics in Surface Reactions	National Science Foundation	09/15/2009	08/31/2013	678,600
Bernasek, Steven	1306040						21,655
Groves, John T	1306014	Grant	Center for Catalytic Hydrocarbon Functionalization	University of Virginia	08/01/2009	07/31/2013	1,164,312
Schwartz, Jeffrey	1306012	Grant	ARRA: International Collaboration in Chemistry: A New Molecular Architecture for Organic Electronics	National Science Foundation	08/01/2009	07/31/2013	485,000
Bernasek, Steven L							
Bocarsly, Andrew B	1306011	Grant	ARRA: A Study of Charge Transfer Processes in the Catalyzed Conversion of Carbon Dioxide to Methanol and Higher Order Alcohols	National Science Foundation	07/15/2009	06/30/2013	411,476
Bocarsly, Andrew B	1304396	Contract	The Electrocatalyzed Conversion of CO2 Organic Products	Liquid Light	07/01/2009	12/31/2013	378,457
Bernasek, Steven L							
Bernasek, Steven	1304431						140,134
Bocarsly, Andrew B							
Rabitz, Herschel A	1304394	Contract	Quantum Control for Detection and Nanotechnology	Lockheed Martin Corporation	11/01/2008	04/30/2013	800,000
Cava, Robert J	1306007	Grant	Johns Hopkins University Institute for Quantum Matter	The Johns Hopkins University	09/01/2008	02/28/2013	814,088
Rabitz, Herschel A	1306000	Grant	Spray and Combustion of Gelled Hypergolic Propellants for Future Rocket and Missile Engines	The Pennsylvania State University	05/01/2008	04/30/2013	613,125

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Sorensen, Erik J	1306897	Grant	Synthesis of Bioactive Natural Products	National Institutes of Health	09/01/2008	07/31/2012	1,251,681
Hecht, Michael H	1304390	Grant	Discovery of Compounds that Prevent A-Beta Toxicity	Alzheimer's Association	08/01/2008	07/31/2011	239,993
Rabitz, Herschel A	1306896	Contract	Optimal Dynamic Detection of Explosives	Los Alamos National Laboratory	08/12/2008	05/31/2012	2,286,333
Hecht, Michael H	1306895	Grant	Catalytically Active De Novo Proteins From Designed Combinatorial Libraries	National Science Foundation	08/01/2008	01/31/2012	486,719
Hecht, Michael H	1306010						21,538
Rabitz, Herschel A	1306893	Grant	Optimal Dynamic Detection of Explosives	Office of Naval Research	02/01/2008	07/31/2011	525,000
MacMillan, David W	1304384	Grant	Merck MacMillan Catalyst Library Collaboration	Merck & Co., Inc.	08/09/2007	09/30/2012	300,000
Schwartz, Jeffrey	1306882	Grant	Surface Chemistry of Functional Materials	National Science Foundation	05/01/2007	04/30/2012	694,000
Bernasek, Steven L							
Groves, John T	1306880	Grant	MERIT AWARD: Molecular Probes of the Mechanisms of Cytochrome P450	National Institutes of Health	04/03/2007	03/31/2012	1,701,399
Groves, John T	1306005						135,165
MacMillan, David W	1304378	Grant	Merck Center for Catalysis at Princeton University	Merck & Co., Inc.	10/18/2006	10/17/2016	5,079,809
MacMillan, David	1304411						2,757
MacMillan, David	1304412						198
MacMillan, David	1304413						623
MacMillan, David	1304414						448
MacMillan, David	1304415						2,243
MacMillan, David	1304416						729
MacMillan, David	1304417						766
MacMillan, David	1304418						983
MacMillan, David	1304420						29
MacMillan, David	1304421						837
MacMillan, David	1304422						534
MacMillan, David	1304423						1,281
MacMillan, David	1304424						1,522
MacMillan, David	1304425						44
Groves, John T	1306870	Grant	Metal-Oxo and Metal-Peroxo Intermediates in Oxidative Catalysis	National Science Foundation	08/01/2006	02/29/2012	590,000
Groves, John T	1306003						426,000
Selloni, Annabella	1306858	Grant	Towards a Molecular-Scale Understanding of Photocatalysis on Metal Oxides	Tulane University	08/15/2005	11/14/2011	196,824
Selloni, Annabella	1306002						281,892
Rabitz, Herschel A	1306811	Grant	Control of Molecular Dynamics: Algorithms for Design and Implementation	DOE - Washington	09/01/2002	10/31/2013	739,999
Rabitz, Herschel A	1306006						660,000
Cava, Robert J	1306746	Grant	New Superconducting Materials	DOE - Chicago	09/01/1998	01/31/2014	1,976,414
Cava, Robert J	1306034						558,000

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Kahne, Daniel E	1304309	Contract	Project Support	Indevus Pharmaceuticals, Inc.	07/01/1997	06/30/2025	300,000
Taylor, Edward C	1304057	Grant	Research in Heterocyclic Chemistry	Lilly Research Labs	10/01/1968	12/31/2999	498,115

Contributions Made to Other Units :**Applied & Computational Mathematics**

Andrew B Bocarsly

Roberto Car

Chemical and Biological Engineering**Roberto Car****Joshua D Rabinowitz**

Annabella Selloni

Lewis-Sigler Institute for Integrative Genomics**G. Charles Dismukes****Joshua D Rabinowitz****Herschel A Rabitz****Molecular Biology****Joshua D Rabinowitz****Martin F Semmelhack****Princeton Environmental Institute****Anne M Morel-Kraepiel****Princeton Institute for Computational Science and Engineering (PICSciE)****Roberto Car****PRISM****Stefan Bernhard**

Steven L Bernasek

Andrew B Bocarsly

Roberto Car**Robert J Cava****Garnet K Chan**

Herschel A Rabitz

Jeffrey Schwartz**Annabella Selloni****Martin F Semmelhack****Zoltan G Soos****Salvatore Torquato**

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Glisic, Branko	1556166	Grant	CAIT UTC Tier 1 Consortium led by Rutgers	Rutgers University	01/01/2012	01/31/2016	54,830
Adriaenssens, Sigrid M							
Garlock, Maria E	1556181		Elevated Temperature Properties of Weathering Steel				48,650
Glisic, Branko	1556182		Uncertainty in Determination of Position of the Neutral Axis and Deformed Shape of Beam Structures				54,830
Glisic, Branko	1556183		Collaborative Research: Multi-Sensor Sheets Based on Large-Area Electronics for Advanced Structural Health Monitoring of Civil Infrastructure				97,500
Adriaenssens, Sigrid M							
Wood, Eric F	1556165	Grant	Collaborative Research: Petascale Design and Management of Satellite Assets to Advance Space Based Earth Science	National Science Foundation	06/01/2012	05/31/2013	12,500
Scherer, George W	1556164	Grant	Corrosion resistant surface treatment for marble	DOI - Natl Ctr for Preservation Tech & Training	05/01/2012	06/30/2013	25,000
Caylor, Kelly K	1556163	Grant	Collaborative Research: Quantifying the ecosystem-wide impacts of a strong interactor in African watersheds	National Science Foundation	05/01/2012	04/30/2015	123,336
Wood, Eric F	1554030	Contract	SMOS + Hydrology Study	Ghent University	09/09/2011	09/08/2013	65,807
Bou-Zeid, Elie R	1556161	Grant	Energy Efficient Buildings Hub (EEB Hub)	The Pennsylvania State University	02/01/2012	01/31/2013	112,500
Sheffield, Justin	1554029	Grant	Development and Evaluation of Long-term, High-resolution, Daily Meteorological Data for West/East Africa by Merging in-situ, Remote Sensing and Model Data Sources	International Center for Tropical Agriculture	09/01/2011	05/31/2012	44,413
Scherer, George W	1556159	Grant	ARRA: The Science of Concrete with Fly Ash: Fundamental Models that Enable New Technology for Expanded Use of Fly Ash	Massachusetts Institute of Technology	09/01/2011	09/30/2013	372,798
Caylor, Kelly K	1556158	Grant	CNH: Institutional Dynamics of Adaptation to Climate Change: Longitudinal Analysis of Snowmelt-Dependent Agricultural Systems	Indiana University	09/01/2011	02/28/2015	438,044
Jaffe, Peter R	1556156	Grant	Fate of Uranium During Transport Across the Groundwater-Surface Water Interface	DOE - Chicago	09/15/2011	11/30/2014	692,600
Caylor, Kelly K	1556157	Grant	Multiscale effects of fire on long-term climate and precipitation	NASA Headquarters - Washington	08/22/2011	08/21/2014	313,159
Smith, James A	1556153	Grant	Drought and Flood in the Eastern US	Rutgers University	09/01/2011	08/31/2013	125,117
Sheffield, Justin							
Wood, Eric F							
Sheffield, Justin	1556154						124,299
Peters, Catherine A	1556152	Grant	Wind Energy for Haiti: A Rapidly Deployable Renewable Energy System	U.S. Environmental Protection Agency	08/15/2011	08/14/2012	15,000
Wood, Eric F	1556151	Grant	Advancing a Refined AMSR-E Soil Moisture Data Product	NASA Headquarters - Washington	09/01/2011	08/31/2014	375,000
Sheffield, Justin	1556150	Grant	Quantification and reduction of uncertainties in projections of climate impacts on drought and agriculture for North America	U.S. DOC - Natl Oceanic & Atmos	09/01/2011	08/31/2014	263,091
Jaffe, Peter R	1556149	Grant	Volatilization Dynamics in Wetland Systems	National Science Foundation	09/01/2011	08/31/2014	310,404
Wood, Eric F	1556148	Grant	Improving land evaporative processes and land-atmosphere interactions in the NCEP Global Forecast System (GFS) and Climate Forecast System (CFS)	U.S. DOC - Natl Oceanic & Atmos	09/01/2011	08/31/2014	308,016
Sheffield, Justin							

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Civil & Environmental Engineering (2)

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Peters, Catherine A	1556147	Grant	Collaborative Research: IDR: A Partnership for Multiscale Experimental Study of CO2 Leakage and Vertical Flow in Geologic Carbon Sequestration	National Science Foundation	10/01/2011	09/30/2014	546,488
Wood, Eric F	1556146	Grant	Regional and global evaluation of the CFS-R and 20th Century Reanalyses for the terrestrial water cycle	U.S. DOC - Natl Oceanic & Atmos	09/01/2011	08/31/2013	66,033
Rodriguez-Iturbe, Ignacio	1556145	Grant	WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space	Florida International University	07/14/2011	09/30/2013	199,224
Jaffe, Peter R	1556144	Grant	Collaborative Research: Controls Affecting Greenhouse Gas Fluxes in Restored and Natural Tidal Wetlands	National Science Foundation	09/01/2011	08/31/2014	203,334
Celia, Michael A	1554028	Grant	Multi-phase Flow Models for CO2 Sequestration	University of Bergen	04/01/2011	03/31/2013	157,423
Jaffe, Peter R Reid, Matthew C	1556143	Grant	Development of a Push-Pull Technique to Simultaneously Characterize Volatilization and Biodegradation Rates of VOCs in Shallow Wetland Sediments	Rutgers University	03/01/2011	02/29/2012	5,000
Zondlo, Mark A	1556142	Grant	Environmental Conditions and Characteristics of Ice Supersaturated Regions in DC3	National Science Foundation	04/15/2011	03/31/2014	759,939
Garlock, Maria E	1556141	Grant	Collaborative Research: Fire Damage Mitigation and Post-Fire Evaluation of Steel Girder Bridges	National Science Foundation	07/01/2011	06/30/2014	174,998
Scherer, George W	1554027	Grant	Designing mineral interfaces	LaFarge Corporation	12/01/2010	07/31/2012	90,000
Wood, Eric F	1556140	Grant	Downscaling of Satellite Precipitation Data for Flood Drought Prediction in Data Sparse Regions	University of Washington	04/01/2010	03/31/2013	191,664
Caylor, Kelly K	1556139	Grant	ESE Collaborative Research: Spatial Resilience of Agriculturalists to Coupled Ecological and Hydrological Variability in Rural Zambia	National Science Foundation	10/01/2010	03/31/2014	350,000
Wood, Eric F	1556138	Grant	Prototype Development of A Microwave Radiometer Simulator for Land Surface and Precipitation Characterization	University of Maryland	09/01/2010	06/30/2014	32,000
Smith, James A Bou-Zeid, Elie R	1556136	Grant	Collaborative Research, WSC-Category 2: Regional Climate Variability and Patterns of Urban Development - Impacts on the Urban Water Cycle and Nutrient	National Science Foundation	01/01/2011	12/31/2015	675,046
Bou-Zeid, Elie R Smith, James A	1556137						659,369
Glisic, Branko	1556135	Grant	ARRA: The Learning Bridge: Data Management Software	Drexel University	09/01/2010	08/31/2012	86,273
Bou-Zeid, Elie R	1556134	Grant	The Implications of Surface Heterogeneity and Mesoscale Variability on the Dynamics of Stable Atmospheric Boundary Layers	National Science Foundation	09/15/2010	08/31/2013	370,902
Sheffield, Justin	1556133	Grant	Improved assessment of historical and future projected changes in global and regional drought	U.S. DOC - Natl Oceanic & Atmos	08/01/2010	07/31/2013	362,000
Smith, James A	1556132	Grant	Studies of Error Structure of GPM Rainfall Estimates and Scale Aspects of Floods	University of Iowa	05/01/2010	04/30/2014	171,263
Wood, Eric F	1556131	Grant	Collaborative Research: Enhancing operational drought monitoring and prediction results through synthesis of N-LDAS and CPPA research results	U.S. DOC - Natl Oceanic & Atmos	08/01/2010	07/31/2013	296,291
Zondlo, Mark A	1556130	Grant	RAPID: Ice Supersaturated Regions and Distribution of Water Vapor During the Third HIPPO Deployment	National Science Foundation	08/15/2010	01/31/2012	119,646

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Celia, Michael A	1556129	Grant	Quantification of Wellbore Leakage Risk Using Non-destructive Borehole Logging Techniques	Dowell Schlumberger	01/01/2010	10/31/2013	306,616
Celia, Michael A	1556128	Contract	Analytical-Numerical Sharp-Interface Model of CO2 Sequestration & Application to Illinois Basin	New Mexico Institute of Mining and Technology	10/01/2009	09/30/2012	355,484
Wood, Eric F	1556127	Grant	Integrating NASA Earth Sciences Research results into Decision Support Systems for Agriculture and Water Management in South America	University of Maryland	11/04/2009	11/03/2013	199,945
Scherer, George W	1556126	Grant	ARRA: The Science of Concrete with Fly Ash: Fundamental Models that Enable New Technology for Expanded Use of Fly Ash	Northwestern University	01/01/2010	12/31/2012	59,358
Peters, Catherine A Adriaenssens, Sigrid M Arnold, Craig B Bou-Zeid, Elie R Harrison, Jane C	1556125	Grant	RAPID: Wind Energy and Rainwater Harvesting Solutions for Sustainable Recovery of Haiti	National Science Foundation	05/01/2010	04/30/2013	102,000
Caylor, Kelly K	1556124	Grant	LTREB: KLEE- Scaling up and out at the Kenya Long-term Exclosure Experiment	University of California at Davis	08/01/2009	07/31/2012	7,560
Garlock, Maria E	1556123	Grant	The Golden Gate Bridge As An Informal Science Education Resource	Consortium of Universities for Research in Earthquake Engin.	09/01/2009	08/31/2013	117,065
Celia, Michael A	1556122	Cooperative Agreement	A Hierarchical Modeling Framework for Geological Storage of Carbon Dioxide	U.S. Environmental Protection Agency	12/01/2009	11/30/2012	870,009
Peters, Catherine A Celia, Michael A Scherer, George W	1556119	Cooperative Agreement	Basin-Scale Leakage Risks from Geologic Carbon Sequestration: Impact on CCS Energy Market Competitiveness	DOE - Pittsburgh NETL	10/01/2009	03/31/2013	1,349,297
Celia, Michael A	1556116	Grant	CMG COLLABORATIVE RESEARCH: Advanced Computational Models for Geological Storage of Carbon Dioxide	National Science Foundation	10/01/2009	09/30/2013	350,000
Peters, Catherine A Scherer, George W	1556115	Grant	Collaborative Research: DUSEL CO2 - A Deep Underground Laboratory for Geologic CO2 Sequestration Studies: A proposal for the design of the facility an.....	National Science Foundation	08/15/2009	07/31/2013	377,000
Zondlo, Mark A Diao, Minghui	1556114	Grant	Aircraft-Based Measurements of Ice Supersaturated Regions in the Upper Troposphere and Lower Stratosphere and Comparisons to AIRS Climatologies	NASA Headquarters - Washington	09/01/2009	08/31/2012	90,000
Glisic, Branko	1556113	Grant	NEESR Payload - Fiber Optic Method for Buried Pipelines Health Assessment after Earthquake-Induced Ground Movement	National Science Foundation	02/01/2010	01/31/2012	99,968
Peters, Catherine A Celia, Michael A	1556112	Grant	Effects of Pore Structure Change and Multi-Scale Heterogeneity on Contaminant Transport and Reaction Rate Upscaling	DOE - Germantown	05/15/2009	05/14/2013	413,866
Wood, Eric F	1556110	Grant	Development and Diagnostic Analysis of a Multi-decadal Global Evaporation Project for NEWS	NASA Headquarters - Washington	05/11/2009	05/10/2013	676,378
Caylor, Kelly K	1556108	Grant	CAREER: An Ecohydrological Framework for Understanding Land Degradation in Dryland Ecosystems	National Science Foundation	08/15/2009	07/31/2014	964,903
Caylor, Kelly K	1556109						571,897
Caylor, Kelly K	1556160						6,938

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Wood, Eric F	1556104	Grant	Use of International Polar Year Data to Improve Attribution of Long-Term Hydrologic Changes in Arctic Eurasian Land areas	University of Washington	06/30/2008	06/29/2012	240,000
Wood, Eric F	1556100	Grant	Optimal Dynamic Predictions of Semi-Arid Land Cover Change and Implications for Ecosystem Goods and Services	Duke University	05/01/2008	04/30/2012	184,720
Wood, Eric F Roundy, Joshua K	1556096	Grant	Understanding Hydrologic Sensitivity and land-atmosphere Coupling Through Space-based Remote Sensing	NASA Headquarters - Washington	09/01/2008	08/31/2011	90,000
Wood, Eric F	1556095	Cooperative Agreement	Developing Consistent Earth System Data Records for the Global Terrestrial Water Cycle	NASA Headquarters - Washington	06/15/2008	06/14/2013	3,555,000
Wood, Eric F	1556093	Grant	Identifying Mechanisms of US Drought Initiation, Persistence and Recovery using Observations, Reanalysis and Climate Model Data	U.S. DOC - Natl Oceanic & Atmos	06/01/2008	05/31/2012	360,000
Smith, James A	1554024	Contract	Hydrological and Hydrometeorological Studies of Catastrophic Flood Risk	Willis Research Network	04/15/2008	04/14/2014	615,000
Young, Yin L	1556091	Grant	Transient Response and Failure Mechanisms of Advanced Composite Materials	Office of Naval Research	01/29/2008	03/01/2012	277,935
Wood, Eric F	1556090	Grant	Establishing a Global Soil Moisture Earth System Data Record	NASA Headquarters - Washington	02/01/2008	01/31/2012	375,000
Wood, Eric F	1556088	Grant	Use of IPY Circumpolar Permafrost Data to Understand Long-Term Water and Carbon Cycle Changes in the Terrestrial Arctic Drainage Basin	University of Washington	09/01/2007	08/31/2011	210,000
Prevost, Jean-Herve Smith, James A	1556084	Grant	Transient Flow-Induced Soil Failures of Coastal Structures	National Science Foundation	09/15/2007	08/31/2011	397,124
Smith, James A	1556083	Grant	Collaborative Research: Dynamic Coupling of the Water Cycle and Patterns of Urban Growth	National Science Foundation	09/01/2007	08/31/2011	312,331
Rodriguez-Iturbe, Ignacio	1554019	Grant	Transport in River Networks: A Complex System Perspective for Biodiversity and Water-Borne Diseases	James S. McDonnell Foundation	07/01/2007	07/01/2011	449,507
Jaffe, Peter R	1556078	Contract	Microbiological, Geochemical & Hydrologic Processes Controlling Uranium Mobility: An Integrated Field-Scale Subsurface Research Challenge Site at Ri..	Battelle - Pacific Northwest National	04/30/2007	09/30/2012	760,600
Jaffe, Peter R	1554012	Contract	Foster Interactions Between Princeton University and Slovac Related to the Manufacturing of Construction Materials from Dredged polluted sediments	Solvay S.A.	02/01/2005	01/31/2015	30,000
Scherer, George W	1554010	Grant	Advanced Cement Based Materials	Northwestern University	08/01/2004	07/31/2012	13,000

Contributions Made to Other Units :**Atmospheric & Oceanic Sciences****Eric F Wood****Chemical and Biological Eng****Jean-Hervé Prévost**

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Contributions Made to Other Units (cont.) :

Princeton Environmental Institute (PEI)

Elie R Bou-Zeid

Michael A Celia

Jean-Hervé Prévost

George W Scherer

James A Smith

Erik H VanMarcke

PRISM

George W Scherer

James A Smith

Catherine A Peters

Mark A. Zondlo

Woodrow Wilson School

Denise L Mauzerall

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Comparative Literature

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Brooks, Peter P	1364107	Grant	The Ethics of Reading: The Humanities and Profesional Cultures	The Andrew W. Mellon Foundation	07/01/2008	09/01/2014	1,510,828

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Tarjan, Robert E	1754152	Contract	Routing Table Design for High-end Core Routers	Hewlett-Packard Company	05/14/2012	08/31/2013	44,735
Fellbaum, Christiane D	1756424	Grant	CI-P: Collaborative Research: LexLink: Aligning WordNet, FrameNet, PropBank and VerbNet	National Science Foundation	06/01/2012	05/31/2013	45,000
Rusinkiewicz, Szymon M	1754149	Grant	Modeling the Past: Digital Technologies and Excavations in Polis, Cyprus	Latsis Foundation	01/02/2012	12/12/2012	15,208
Rexford, Jennifer L	1756423	Grant	NeTS: Medium: Collaborative Research: Optimizing Network Support for Cloud Services: From Short-Term Measurements to Long-Term Planning	National Science Foundation	05/01/2012	04/30/2016	600,000
Braverman, Mark	1756421	Grant	CAREER: Coding and Information Theory for Interactive Computing	National Science Foundation	01/15/2012	12/31/2016	450,000
Rexford, Jennifer L	1756420	Grant	DARPA Cloud Computing	University of Illinois at Urbana-Champaign	09/19/2011	09/18/2013	1,200,000
Blei, David M	1756419	Grant	Adaptive Methods for Scalable Dissemination and Retrieval of Scientific Information	Rutgers University	08/15/2011	07/31/2013	35,000
Fellbaum, Christiane D	1756418	Grant	RUI: CRI: CI-ADDO-EN Collaborative Research: MASC: A Community Resource for and By the People	Vassar College	07/01/2011	06/30/2012	18,761
Rexford, Jennifer L	1756417	Grant	CRA Fellowship Reich	Computing Research Association	10/01/2011	09/30/2012	122,194
Reich, Joshua							
Blei, David M	1756416	Grant	CRA Fellowship David Mimno	Computing Research Association	10/01/2011	09/30/2012	111,114
Mimno, David							
Freedman, Michael J	1756415	Grant	Adaptive Network Architecture for Dynamic End-Points and Distributed Systems	Defense Advanced Research Projects Agency	09/05/2011	09/04/2014	500,000
Singh, Mona	1756413	Grant	Recomb Special Session: Computational Challenges and Emerging Areas within Computational Biology	National Science Foundation	09/15/2011	08/31/2013	21,000
Singh, Mona	1756414	Grant	Student Support for RECOMB 2012	National Science Foundation	09/15/2011	08/31/2013	15,000
Martonosi, Margaret R	1756412	Grant	CPS: Medium: Collaborative Research: Efficient Mapping and Management of Applications onto Cyber-Physical Systems	National Science Foundation	09/01/2011	08/31/2014	392,011
Braverman, Mark	1754148	Grant	Alfred P. Sloan Research Fellowship for Dr. Mark Braverman in Computer Science	Alfred P. Sloan Foundation	09/15/2011	09/15/2013	50,000
Walker, David P	1756411	Grant	TC: Large: Collaborative Research: High-Level Language Support for Trustworthy Networks	National Science Foundation	08/01/2011	07/31/2015	1,400,000
Rexford, Jennifer L							
Arora, Sanjeev	1756410	Grant	AF: Small: Expansion, Unique Games, and Efficient Algorithms	National Science Foundation	09/01/2011	08/31/2014	450,000
Arora, Sanjeev	1756425						8,000
Martonosi, Margaret R	1756409	Grant	SHF: Small: Collaborative Research: Tailoring Memory Accesses and Communication in Heterogeneous Multiprocessors: Power and Performance Opportunities	National Science Foundation	09/01/2011	08/31/2014	225,000
Fellbaum, Christiane D	1756408	Grant	A Workshop on Restructuring Adjectives in WordNet	National Science Foundation	09/01/2011	08/31/2012	13,137
Fellbaum, Christiane D	1756422						6,863
Blei, David M	1756407	Grant	Scalable Topic Modeling: Online Learning, Diagnostics and Recommendation	Office of Naval Research	06/01/2011	05/31/2014	509,992

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Freedman, Michael J	1754147	Grant	Alfred P. Sloan Research Fellowship for Dr. Michael J. Freedman in Computer Science	Alfred P. Sloan Foundation	09/15/2011	09/15/2013	50,000
Rexford, Jennifer L	1756404	Contract	CURVEBALL SAFER Warfighter Communications Program	BBN Technologies	11/30/2010	02/14/2013	256,748
August, David I	1756403	Grant	SPARCHS: Symbiotic, Polymorphic, Autotomic, Resilient, Clean-slate, Host Security	Columbia University	09/22/2010	09/21/2014	1,177,273
Peterson, Larry L	1756402	Grant	MRI: Development of a Virtual Cloud Computing Infrastructure	National Science Foundation	10/01/2010	09/30/2013	2,940,000
Freedman, Michael J Pai, Vivek S Rexford, Jennifer L							
Rexford, Jennifer L	1756401	Grant	FIA: Collaborative Research: Architecting for Innovation	National Science Foundation	10/01/2010	09/30/2013	199,999
Barak, Boaz M	1756400	Grant	CI Fellows Project: Privacy, Reliability, and Security for Distributed Data and Computations	Computing Research Association	09/01/2010	07/31/2011	97,556
Rusinkiewicz, Szymon M	1756399	Grant	CDI-Type I: Automated Documentation and Illustration of Material Culture through the Collaborative Algorithmic Rendering Engine (CARE)	National Science Foundation	09/15/2010	08/31/2013	555,000
August, David I	1756398	Grant	SI2-SSI: Accelerating the Pace of Research through Implicitly Parallel Programming	National Science Foundation	10/01/2010	09/30/2014	1,669,513
Walker, David P August, David I	1756406						70,701
Walker, David P							
Freedman, Michael J	1756396	Grant	FIA: Collaborative Research: NEBULA: A Future Internet That supports Trustworthy Cloud Computing	National Science Foundation	09/01/2010	08/31/2013	502,602
Rusinkiewicz, Szymon M	1756397	Grant	HCC: Large: Collaborative Research: Beyond Flat Images: Acquiring, Processing, and Fabricating Visually Rich Material Appearance	National Science Foundation	09/01/2010	08/31/2015	498,105
Chazelle, Bernard	1756395	Grant	AF: Small: New Directions in Computational Geometry	National Science Foundation	09/01/2010	08/31/2013	347,968
Walker, David P	1756394	Grant	SHF: Small: Language Support for Ad Hoc Data Processing	National Science Foundation	08/15/2010	07/31/2013	500,000
Blei, David M	1756393	Grant	Text, Neuroimaging, and Memory: Unified Models of Corpora and Cognition	National Science Foundation	08/01/2010	07/31/2013	732,296
Norman, Kenneth A							
Schapiro, Robert E	1756391	Grant	RI: Small: Boosting, Optimality, and Game Theory	National Science Foundation	09/01/2010	08/31/2013	450,000
Arora, Sanjeev	1754144	Grant	Simons Foundation Fellowship	The Simons Foundation	07/01/2010	06/30/2014	385,024
Arora, Sanjeev	1754145						40,000
Freedman, Michael J	1756388	Grant	CAREER: Towards Scalable Datacenter Services with Strong Robustness Guarantees	National Science Foundation	07/01/2010	06/30/2015	646,918
Blei, David M	1754143	Grant	Blei - Alfred Sloan Research Fellowship	Alfred P. Sloan Foundation	09/15/2010	09/15/2014	50,000
Chazelle, Bernard	1756385	Grant	CCF: AF Analytical Tools for Natural Algorithms	National Science Foundation	04/15/2010	03/31/2014	500,000
August, David I	1756384	Grant	CSR: Medium: Collaborative Research: Scaling the Implicitly Parallel Programming Model with Lifelong Thread Extraction and Dynamic Adaptation	National Science Foundation	05/01/2010	04/30/2014	400,000
Peterson, Larry L	1756383	Grant	CI-ADDO-EN: Scaling, Diversifying and Enriching Planet Lab	National Science Foundation	07/01/2010	06/30/2013	1,500,000

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Freedman, Michael J Peterson, Larry L Rexford, Jennifer L	1756381	Grant	ARRA: Openflow Campus Trials of Enterprise GENI	BBN Technologies	10/01/2009	09/30/2012	300,000
Peterson, Larry L	1756380	Grant	ARRA: Understanding Federation	BBN Technologies	10/01/2009	09/30/2012	369,647
Freedman, Michael J	1756379	Grant	ARRA: A SCAFFOLD for GENI-based Distributed Services	BBN Technologies	10/01/2009	09/30/2012	430,957
Blei, David M	1756378	Grant	Non-Parametric Bayesian Analysis of Heterogeneous Data	Air Force Office of Scientific Research	09/15/2009	09/14/2012	349,485
Rexford, Jennifer L	1754142	Contract	Hosting Virtual Networks on Multicore Platforms	Intel Corporation	09/01/2009	08/31/2014	65,000
Funkhouser, Thomas A Blei, David M Fellbaum, Christiane D Finkelstein, Adam	1756377	Grant	Interactive Discovery and Semantic Labeling of Patterns in Spatial Data	National Science Foundation	09/01/2009	08/31/2012	499,934
Singh, Mona	1756375	Grant	Discovery of Complex Recurring Protein Interaction Patterns within Interactomes: Algorithms, Applications and Software	National Science Foundation	09/01/2009	08/31/2013	613,000
Charikar, Moses S	1756374	Grant	AF: Small: Mathematical Programming Methods in Approximation	National Science Foundation	08/15/2009	07/31/2013	499,996
Freedman, Michael J Rexford, Jennifer L	1756373	Grant	ARRA: NeTS Medium: A SCAFFOLD for Service-Centric Networking	National Science Foundation	08/01/2009	07/31/2013	750,000
Fellbaum, Christiane D	1756371	Grant	ARRA: CI-ADDO-EN: A Second-Generation Architecture for WordNet	National Science Foundation	08/01/2009	07/31/2013	306,606
Fellbaum, Christiane D	1756372						50,000
Freedman, Michael J	1756370	Grant	ARRA: NeTS: Medium: Collaborative Research: Designing a Content-Aware Internet Ecosystem	National Science Foundation	08/01/2009	07/31/2013	340,000
Pai, Vivek S	1756369	Grant	ARRA: NeTs: Small:Content Retrieval Networks: Network Access for Developing Regions	National Science Foundation	08/01/2009	07/31/2013	499,998
Appel, Andrew W	1756365	Grant	ARRA: TC:Large:Collaborative Research: Combining Foundational and Lightweight Formal Methods to Build Certifiably Dependable Software	National Science Foundation	07/01/2009	06/30/2013	500,000
Rexford, Jennifer L Walker, David P	1756363	Grant	Networks Opposing Botnets (NoBot)	University of Pennsylvania	04/01/2009	06/30/2012	278,528
Freedman, Michael J	1756362	Grant	Towards a Service-Centric Network Architecture for Fault Tolerance, Migration, and Mobility	Office of Naval Research	06/01/2009	05/31/2013	610,000
Appel, Andrew W	1756361	Grant	Evidence Based Trust in Large Scale MLS Systems	Kansas State University	03/01/2009	11/30/2014	754,542
Peterson, Larry L	1756359	Contract	Prototyping and Validating the GENI Control Framework	BBN Technologies	09/01/2008	05/31/2012	602,940
Rexford, Jennifer L	1756358	Grant	NeTS-NECO: Collaborative Research: Fixing the reliability problem in network software from its root	National Science Foundation	09/01/2008	08/31/2013	350,000
Arora, Sanjeev Charikar, Moses S Chazelle, Bernard Tarjan, Robert E	1756356	Grant	Collaborative Research: Understanding, Coping with, and Benefiting from, Intractability	National Science Foundation	08/15/2008	07/31/2013	6,398,587

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Arora, Sanjeev Charikar, Moses S Chazelle, Bernard Tarjan, Robert E	1756357	Grant	<i>Continued from Above</i>	National Science Foundation	08/15/2008	07/31/2013	520,000
Freedman, Michael J Funkhouser, Thomas A	1756354	Grant	Collaborative Research: NETS ANET: A Network Architecture for Federated Virtual/Physical Worlds	National Science Foundation	10/01/2008	09/30/2013	509,000
Arora, Sanjeev	1756347	Grant	New Directions in Semidefinite Programming and Approximation	National Science Foundation	09/01/2008	08/31/2011	450,000
Tarjan, Robert E	1756346	Grant	Efficient Algorithms and Data Structures - Theory and Practice	National Science Foundation	09/01/2008	08/31/2011	150,000
Blei, David M	1756344	Grant	CAREER: New Directions in Probabilistic Topic Models	National Science Foundation	07/01/2008	06/30/2013	549,943
Li, Kai	1754140	Contract	Intel	Intel Corporation	03/01/2008	02/28/2012	57,500
Blei, David M	1756343	Grant	Dynamic and Supervised Topic Models for Literature-Based Discovery	Office of Naval Research	01/31/2008	07/31/2011	300,000
Cook, Perry R	1754138	Grant	Mixed-Initiative Visual Vocabulary Application fro People with Aphasia	Microsoft Corporation	01/01/2008	12/31/2999	50,000
Rexford, Jennifer L	1754137	Grant	Hosting Virtual networks on Multicore Platforms	Intel Corporation	12/01/2007	11/30/2013	130,000
Barak, Boaz M	1754136	Grant	Packard Fellowship for Science and Engineering	The David and Lucile Packard	10/15/2007	10/15/2012	734,551
Tarjan, Robert E	1754135	Grant	Design and Analysis of Basic Data Structures and Algorithms	U.S.-Israel Binational Science Fdn.	10/01/2007	09/30/2012	54,325
Arora, Sanjeev	1754134	Grant	On Some Complexity Issues Between P and NP	U.S.-Israel Binational Science Fdn.	09/01/2007	08/31/2011	8,198
Rusinkiewicz, Szymon M	1756340	Grant	Images with Normals: Acquisition, Analysis, and Depiction	National Science Foundation	09/01/2007	08/31/2011	300,000
Barak, Boaz M	1756332	Grant	CT-ISG: Cryptographic Foundations for Next-Generation Security Applications	National Science Foundation	09/15/2006	08/31/2011	379,431
Walker, David P Appel, Andrew W August, David I Clark, Douglas W Martonosi, Margaret R	1756330	Grant	NSF CT: Well-typed Trustworthy Computing in the Presence of Transient Faults	National Science Foundation	09/01/2006	08/31/2011	963,751
Martonosi, Margaret R Appel, Andrew W August, David I Clark, Douglas W Walker, David P	1756333						136,249
Pai, Vivek S	1756321	Grant	CSR--PDOS: Reduce, Reuse, Recycle: Operating System Support for Server Appliance Consolidation	National Science Foundation	09/01/2006	08/31/2011	437,169
Troyanskaya, Olga G	1756316	Grant	CAREER: An Integrated Approach to the Study of Biological Process Specific Networks	National Science Foundation	06/01/2006	05/31/2013	1,000,692
Peterson, Larry L	1756304	Grant	CRI:PlanetLab: A Community Resource Development Program	National Science Foundation	08/01/2005	07/31/2011	1,219,885
August, David I	1754125	Grant	User-Centric Information Flow Security	Intel Corporation	09/01/2005	08/31/2012	120,000

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

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Clark, Douglas W	1754124	Grant	Dynamic Compile-time Energy and Power Control for Intel Processors	Intel Corporation	07/01/2005	12/31/2014	42,500
Martonosi, Margaret R							
Martonosi, Margaret R	1754127						42,500
Peterson, Larry L	1754115	Cooperative Agreement	Planet Lab Memebership Agreement - Income Account	PlanetLab	09/01/2003	08/31/2015	2,670,000

Contributions Made to Other Units :**Applied & Computational Mathematics**

Jennifer L Rexford

Center for Information Technology Policy

Edward W Felten

Chemistry

Margaret R Martonosi

Electical Engineering

David I August

Margaret R Martonosi

Kai Li

Jennifer L Rexford

Lewis-Sigler Institute for Integrative Genomics

Kai Li

Mona Singh

Olga G Troyanskaya

Princeton Institute for Computational Science and Engineering (PICSciE)

Jaswinder P Singh

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Stout, Jeffrey L	6354000	Grant	2012-2013 Dalai Lama Fellow from Princeton University	Community Initiatives	04/10/2012	04/09/2013	8,075

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East Asian Studies / EAS Program

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Elman, Benjamin A	1374060	Grant	Mellon Distinguished Achievement Award	The Andrew W. Mellon Foundation	07/01/2011	06/30/2016	1,500,609
Naquin, Susan	1374059	Grant	Chines Rare Books Project	Field Museum of Natural History	09/01/2009	12/31/2012	5,000
Collcutt, Martin C	4174009	Grant	National Consortium for Teaching About Asia Seminar	Freeman Foundation	09/01/2008	06/30/2013	173,545

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

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Basta, Nicole E	1286204	Cooperative Agreement	Acquisition and Loss of Neisseria Meningitidis Carriage in Households in Mali	Fred Hutchinson Cancer Research	04/01/2012	02/28/2013	62,561
Rubenstein, Daniel I Barale, Caitlin L	1286196	Grant	Doctoral Dissertation Improvement: The Ontogeny of Male-Male Bonds in Wild Ethiopian Geladas (<i>Theropithecus Gelada</i>)	National Science Foundation	04/01/2012	03/31/2014	17,552
Hedin, Lars O	1284075	Grant	The Role of Nutrients, Climate and Herbivory in Governing Savanna Ecosystems	The Andrew W. Mellon Foundation	03/23/2012	03/23/2015	250,135
Basta, Nicole E	1286195	Grant	Antibody Persistence after Conjugate Meningococcal Group A Vaccination in Mali	National Institutes of Health	03/17/2012	08/31/2016	1,813,230
Levin, Simon A	1286193	Grant	Modeling Anthropogenic Effects in the Spread of Infectious Diseases	Arizona State University	09/15/2011	06/30/2015	92,360
Altmann, Jeanne Barale, Caitlin L	1284073	Grant	The Ontogeny of Male-male Bonds in Wild Geladas (<i>Theropithecus gelada</i>)	L.S.B. Leakey Foundation	01/01/2012	12/31/2013	13,022
Barale, Caitlin L	1284072	Grant	The Effects of Early Life on Male Reproductive Trajectories in Wild Geladas (<i>Theropithecus gelada</i>)	American Society of Primatologists	09/01/2011	08/31/2012	1,500
Rubenstein, Daniel I	1286192	Grant	Field Computational Ecology Course	University of Illinois at Chicago	09/01/2011	08/31/2012	8,893
Rubenstein,	1286194						5,058
Levin, Simon A Pinsky, Malin L	1284071	Grant	Conservation in a Changing Climate: Predicting Range Shifts for Marine Spatial Planning	Society for Conservation Biology	09/01/2011	08/31/2013	185,678
Levin, Simon A Meirowitz, Adam H	1286191	Grant	The Evolution of Incentives and Social Structure under Imperfect Information	National Science Foundation	09/01/2011	08/31/2014	733,626
Dobson, Andrew P	1286190	Grant	Collaborative Research: Modeling Infectious Diseases: How Much Ecological Complexity Must We Address?	National Science Foundation	08/01/2011	07/31/2016	350,469
Levin, Simon A Ziv, Guy	1284070	Grant	Flow Modification for Flood Control-a Biodiversity Trade-off Analysis	AXA Research Fund	04/01/2011	03/31/2012	47,748
Rubenstein, Daniel I Riginos, Corinna	1286189	Grant	A Cost-effectiveness Framework for Landscape Rehabilitation and Carbon Sequestration in Northern Kenya	Colorado State University	11/01/2010	01/31/2012	80,000
Levin, Simon A	1286188	Grant	Dimensions: Collaborative Research: Biological controls on the ocean C:N:P ratios	National Science Foundation	01/01/2011	12/31/2015	497,366
Couzin, Iain D	1284069	Contract	Collective behavior and social transmission of information in human crowds	Oxford Risk Research & Analysis Ltd	09/15/2010	09/14/2012	174,863
Levin, Simon A Yackulic, Charles B	1286187	Grant	NSF Postdoctoral Fellowship: Population Re-distribution and Its Role in Fluctuating Local Bird Abundances	National Science Foundation	08/01/2010	07/31/2012	7,089
Dobson, Andrew P	1286184	Grant	Nipah Virus Transmission And Epidemiology In Bangladesh	EcoHealth Alliance	09/01/2009	08/31/2011	55,729
Altmann, Jeanne	1286183	Grant	Sex differences in health and survival in a wild primate population	Duke University	09/30/2009	08/31/2014	349,642
Altmann, Jeanne	1286182	Grant	Mechanisms and Consequences of Social Connectedness in a Wild Primate Population	Duke University	09/15/2009	08/31/2014	844,821
Grenfell, Bryan T	1284067	Grant	Evaluation of Candidate Vaccine Technologies Using Computational Models	University of Pittsburgh	09/01/2009	10/31/2014	2,814,976
Katz, Yael	1286181	Grant	NSF Postdoctoral Research Fellowship in Biology	National Science Foundation	08/01/2009	07/31/2011	10,000

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Ecology and Evolutionary Biology (2)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Couzin, Iain D	1286180	Grant	Experimental and Theoretical Analysis of Collective Dynamics in Swarming Systems.	National Science Foundation	09/01/2009	08/31/2013	543,472
Landweber, Laura F	1286179	Grant	Collaborative Research: RNA-guided DNA recombination through assembly graphs	National Science Foundation	09/01/2009	08/31/2013	841,857
Landweber, Laura	1286198						6,250
Grenfell, Bryan T	1286178	Grant	Synthesizing the Evolutionary and Ecological Dynamics of Acute RNA Viruses: Comparative Analyses and Method Development	National Institutes of Health	07/01/2009	02/29/2012	960,200
Landweber, Laura F	1286177	Grant	ARRA: Epigenetic Mechanisms for the Inheritance of Acquired Mutations	National Science Foundation	09/01/2009	08/31/2012	807,950
Altmann, Jeanne	1286175	Grant	Collaborative Research: Genes, Environment and Gene Expression in a Wild Primate Population.	National Science Foundation	09/15/2009	08/31/2013	163,653
Altmann, Jeanne	1286176						194,727
Andolfatto, Peter	1286174	Grant	Collaborative Research: Genetic and Divergence Mapping of Barriers to Gene Flow Across a Butterfly Hybrid Zone	National Science Foundation	06/01/2009	08/31/2011	215,625
Landweber, Laura F	1286173	Grant	Understanding Complex Gene Editing Systems in Protists	National Institutes of Health	07/02/2009	06/30/2013	1,412,927
Dobson, Andrew P	1284066	Grant	Allometry of Parasites and Foodwebs	James S. McDonnell Foundation	09/01/2009	09/01/2014	445,730
Altmann, Jeanne Markham, Catherine	1286170	Grant	Doctoral Dissertation Improvement: Dynamic Habitat Partitioning Among Savannah Baboon Social Groups - The Role of Group-Level Social Dominance Hierarc....	National Science Foundation	04/01/2009	03/31/2012	14,970
Stern, David L Frankel, Nicolas	1284063	Grant	Pew Fellowship in Biomedical Sciences, Latin America Program	The Pew Charitable Trusts	07/01/2008	12/31/2012	95,065
Levin, Simon A	1284064	Grant	Dynamics of South African Vegetation	The Andrew W. Mellon Foundation	10/01/2008	09/30/2013	295,936
Wikelski, Martin C	1286166	Grant	The Nature of the True Navigation Map of Migratory Songbirds	National Science Foundation	07/15/2008	06/30/2012	262,134
Hedin, Lars O	1284060	Grant	Interactions of Nutrients, Rainfall and Grazing in Savanna Ecosystems: a Large-scale Experiment in Kruger National Park	The Andrew W. Mellon Foundation	03/01/2008	08/31/2012	288,296
Rubenstein, Daniel I	1286163	Grant	III-CXT: Collaborative Research: Computational Methods for Understanding Social Interactions in Animal Populations	National Science Foundation	08/01/2007	07/31/2011	358,199
Dobson, Andrew P	1286160	Grant	Community Dynamics of an Emergent Pathogen: Intrinsic Versus Extrinsic Mechanisms	Cornell University	10/01/2006	09/30/2012	41,501
Dobson, Andrew P	1286168						357,979
Stern, David L	1286159	Grant	Parallel developmental evolution of shaven-baby in Drosophila	National Science Foundation	08/01/2007	07/31/2011	431,244
Stern, David L	1286161						21,625
Wikelski, Martin C	1286150	Grant	Collaborative Research: Monitoring Stress and Survival in Galapagos Marine Iguanas	National Science Foundation	04/01/2006	03/31/2012	226,684
Dobson, Andrew P	1286147	Grant	Collaborative Research: Predicting the Effects of Environmental Change and Host Diversity on the Dynamics of Insect-Vectored Generalist Pathogens	National Science Foundation	09/01/2005	08/31/2011	440,732
Rubenstein, Daniel I	1284009	Grant	Petrie Fellowship	Frederick D. Petrie	07/01/1989	06/30/2015	718,387

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

Contributions Made to Other Units :

Lewis-Sigler Institute for Integrative Genomics

Peter Andolfatto

Leonid Kruglyak

Simon A Levin

Mechanical & Aerospace Engineering

Iain D Couzin

Molecular Biology

Laura F Landweber

Office of Population Research

Bryan T Grenfell

Princeton Environmental Institute (PEI)

Iain D Couzin

Lars O Hedin

Simon A Levin

Stephen W Pacala

Woodrow Wilson School

David S Wilcove

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Golosov, Mikhail	1404126	Grant	Alfred P. Sloan Research Fellowship -- transfer from Yale University BR-4855 TR12	Alfred P. Sloan Foundation	03/15/2012	09/15/2014	30,699
Xiong, Wei	1404125	Grant	Financial Innovations in Commodities Markets	Smith Richardson Foundation, Inc.	11/01/2011	10/31/2013	36,800
Abreu, Dilip J	1406176	Grant	Algorithms for Computing the Equilibrium Payoff Sets of Dynamic Games with Perfect Monitoring	National Science Foundation	08/01/2011	07/31/2014	232,443
Pesendorfer, Wolfgang Gul, Faruk R	1406174	Grant	Behavioral Optimization in Discrete Choice and in Competitive Markets	National Science Foundation	07/01/2011	06/30/2014	192,258
Gul, Faruk R Pesendorfer,	1406175						192,258
Blinder, Alan S	1404124	Grant	Alan S. Blinder Russell Sage Visiting Scholar	Russell Sage Foundation	09/01/2011	06/30/2012	59,208
Honore, Bo E	1406173	Grant	Specification and Estimation of Econometric Duration Models	National Science Foundation	07/01/2010	09/30/2013	198,393
Sannikov, Yuliy V	1404123	Grant	Alfred P. Sloan Fellowship for Professor Yuliy Sannikov	Alfred P. Sloan Foundation	09/15/2010	02/29/2012	50,000
Kiyotaki, Nobuhiro	1406172	Grant	Liquidity, the Aggregate Economy and Public Policy	National Science Foundation	07/01/2010	06/30/2014	184,869
Abreu, Dilip J	1406171	Grant	Collaborative Research: Reputational Bargaining with Two-Sided Asymmetric Information About Fundamentals	National Science Foundation	09/15/2009	08/31/2013	160,758
Morris, Stephen E	1406170	Grant	Collaborative Research: Robust Predictions In Games With Private Information	National Science Foundation	04/15/2009	03/31/2013	233,332
Hong, Harrison	1406169	Grant	Values and Finance: A Study of Socially Responsible Investing	National Science Foundation	07/01/2009	06/30/2012	171,908
Ait-Sahalia, Yacine	1406168	Grant	Specification Analysis of Continuous-Time Models	National Science Foundation	07/01/2009	06/30/2013	232,283
Gul, Faruk R Pesendorfer, Wolfgang	1406166	Grant	A Theory of Measurable Ambiguity	National Science Foundation	08/01/2008	07/31/2012	264,459
Mueller, Ulrich K	1404120	Grant	Sloan Research Fellowship	Alfred P. Sloan Foundation	09/16/2008	02/29/2012	50,000
Abreu, Dilip J	1406164	Grant	Collaborative Research: Bargaining and Reputation in Stochastic Games	National Science Foundation	06/01/2008	05/31/2012	57,765
Mueller, Ulrich K	1406163	Grant	Efficient Tests in the Presence of Nuisance Parameters under the Null Hypothesis	National Science Foundation	07/01/2008	06/30/2012	148,159
Honore, Bo E	1406162	Grant	Issues in estimation of dynamic panel data and duration models	National Science Foundation	08/15/2007	07/31/2011	166,920
Sims, Christopher A	1406160	Grant	Theory and Inference for Macroeconomic Policy	National Science Foundation	08/15/2007	07/31/2011	153,671
Scheinkman, Jose A	1406159	Grant	Long Run Risk	National Science Foundation	08/15/2007	07/31/2011	130,258
Battaglini, Marco	1406157	Grant	Career: A Legislative Theory of Public Spending, Debt, and Taxation	National Science Foundation	07/01/2006	06/30/2013	400,362

Contributions Made to Other Units :

Electrical Engineering

Christopher A Sims

Office of Population Research (WWS)

Anne C. Case

Janet M Currie

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS
7/1/2010 - 6/30/2011

Contributions Made to Other Units (cont.) :

Office of Population Research (WWS) (cont.)

Taryn L Dinkelman

Thomas J Trussell

Woodrow Wilson School

Anne C. Case

Sylvain Chassang

Janet M Currie

Angus S Deaton

Taryn L Dinkelman

Alan B Krueger

Alexandre Mas

Richard Rogerson

Cecilia E Rouse

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Electrical Engineering

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Fleischer, Jason W	1704324	Grant	Using Adaptive Optics to Improve Imaging of the Inner Ear	National Academies Keck Futures Initiative	05/03/2011	06/30/2013	75,000
Kung, Sun-Yuan	1706633	Contract	Capturing Cognitive Processing Time for Active Authentication	Iowa State University	05/24/2012	05/23/2013	118,659
Tureci, Hakan E	1704322	Grant	Marie Curie Outgoing Fellowship for Kostis Makris	Vienna University of Technology	06/01/2012	05/31/2014	45,236
Chiang, Mung	1706629	Grant	Workshop cost and travel grants for Large Complex Network Workshop	National Science Foundation	06/15/2012	05/31/2013	18,200
Chiang, Mung	1706630						30,800
Poor, H. Vincent	1706627	Grant	Energy Efficient Secrecy for Wireless Sensor Networks: An Information Theoretic Framework	Office of Naval Research	05/15/2012	09/30/2013	250,000
Kulkarni, Sanjeev R	1704320	Grant	Accelerating Youth Entrepreneurship: Resource Assessment and Development	Intel Foundation	01/09/2012	06/30/2012	20,000
Wysocki, Gerard	1706625	Grant	Compact multi-pollutant mid-infrared laser spectroscopic trace-gas sensor	U.S. Environmental Protection Agency	02/01/2012	01/31/2016	250,000
Chiang, Mung	1706624	Contract	STTR PHASE II: Multi-Scale, Multi-Resolution Network Information Flow Monitoring and Understanding	IAI Intelligent Automation, Inc.	03/08/2012	11/15/2013	250,000
Fleischer, Jason W	1706623	Grant	Spatial wavefront control in classical and quantum optics	Air Force Office of Scientific Research	03/15/2012	03/14/2015	600,000
Poor, H. Vincent	1704319	Grant	Marie Curie Fellowship - Giacomo Bacci	Marie Curie International Outgoing Fellowships	04/01/2012	03/31/2013	9,277
Verma, Naveen	1706621	Grant	GRAND-CRU Game Theoretic Resource Allocation for Wireless Networks Based on Distributed and Cooperative Relaying Units	New York University	09/01/2011	08/31/2014	14,527
Wagner, Sigurd			Reliable, High-Bandwidth Cortical Control of Unconstrained, Many-Degree-of-Freedom Movement				
Chiang, Mung	1706620	Contract	Autonomous Collaborative Control for Resilient Cyber Defense (ACCORD)	TT Government Solutions, Inc.	12/08/2011	09/30/2015	600,000
Chou, Stephen Y	1706619	Grant	The 56th International Conference on Electron, Ion, Photon Beam Technology and Nanofabrication	Office of Naval Research	12/01/2011	03/31/2013	25,000
Kahn, Antoine	1704317	Contract	Investigation of the Giant Surface Potential in Organic Semiconductors	Braunschweig University of	08/01/2011	07/31/2013	200,000
Ramadge, Peter J	1706616	Grant	U.S.-German Collaboration: Building common high-dimensional models of neural representational spaces	National Science Foundation	09/15/2011	08/31/2014	348,685
Tureci, Hakan E	1706615	Grant	Engineering Complex Photonic Media for High-performance Compact Coherent Light Sources	SPAWARSYSCEN PACIFIC	09/22/2011	09/21/2013	300,000
Kahn, Antoine	1704316	Grant	The Organic / Inorganic Heterojunction as Model for Understanding and Controlling the Interface Energetics of Excitonic Solar Cells	U.S.-Israel Binational Science Fdn.	10/01/2011	09/30/2015	91,952
Chiang, Mung	1706617	Grant	NeTS:Small:Innovating Internet Access Pricing : From Theory to Deployment	National Science Foundation	09/01/2011	08/31/2014	300,000
Poor, H. Vincent	1706614	Grant	ATD: Collaborative Research: Mathematical Challenges in Distributed Quickest Detection	National Science Foundation	08/15/2011	07/31/2014	319,320
Cuff, Paul W	1706613	Grant	CIF:Small:Causal Secrecy-A Theoretical Basis for Secrecy of Signals	National Science Foundation	08/01/2011	07/31/2014	490,000

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Electrical Engineering (2)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Chiang, Mung	1704314	Contract	Flexible Load Balancing and Flow Control in a Multi-Tenant Shared Data Center	Hewlett-Packard Company	08/01/2011	07/31/2013	76,000
Rexford, Jennifer L Rexford, Jennifer Chiang, Mung	1704315						76,000
Malik, Sharad	1706612	Contract	CASIO (Circuit Analysis with Super-resolved Infrared Optics)	SRI International	07/01/2011	03/15/2013	450,000
Ramadge, Peter J	1706611	Grant	CIF:Small:Fast Stagewise Learning of Sparse Hierarchical Data Representations	National Science Foundation	07/01/2011	06/30/2014	372,000
Jha, Niraj K	1704313	Contract	FinFET-based Chip Multiprocessors: Power Modeling, Simulation and Management	Semiconductor Research Corporation	07/01/2011	06/30/2013	300,000
Poor, H. Vincent	1704312	Grant	Marie Curie Outgoing Fellowship-Ersi Chorti	Foundation for Research and Technology-Hellas (FORTH)	05/01/2011	11/30/2013	16,469
Chorti, Ersi Chiang, Mung	1704311	Contract	4 Billion Plus 42 Nodes Intelligent Overlay of Internet Capacity by Satellites	SES Engineering	04/01/2011	03/31/2013	233,000
Chiang, Mung	1706610	Contract	DARPA BLADE: Learning and Jamming	Lockheed Martin Corporation	02/15/2011	06/15/2012	250,000
Malik, Sharad	1706609	Contract	Configuration Space Randomization	TT Government Solutions, Inc.	02/25/2011	11/01/2012	81,212
Chiang, Mung	1706606	Grant	Measuring, Understanding, and Responding to Covert Social Networks: Passive and Active Tomography	Harvard University	11/23/2010	11/22/2013	329,982
Poor, H. Vincent Shapiro, Jacob N Poor, H. Vincent Chiang, Mung Shapiro, Jacob N	1706607						329,982
Shapiro, Jacob N Chiang, Mung Poor, H. Vincent	1706608						329,980
Poor, H. Vincent	1704310	Contract	Research Agreement: University of Houston	University of Houston	12/01/2010	01/08/2014	84,687
Verdu, Sergio	1706600	Cooperative Agreement	Emerging Frontiers of Science of Information	Purdue University	08/01/2010	10/31/2015	2,104,375
Bialek, William Kulkarni, Sanjeev R Sims, Christopher A Kulkarni, Sanjeev Verdu, Sergio	1706601						381,875
Bialek, William Verdu, Sergio	1706602						381,875
Sims, Christopher Verdu, Sergio	1706603						381,875
Wysocki, Gerard	1706599	Grant	Mid-IR LIDAR for detection of volatile organic compounds	Princeton Technology Advisers	08/26/2010	01/31/2012	63,000
Lyon, Stephen A	1704309	Contract	Princeton Quantum Engineering Group	The MITRE Corporation	09/01/2010	08/31/2011	30,000
Houck, Andrew A							

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Electrical Engineering (3)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Poor, H. Vincent Sankar, Lalitha	1706597	Grant	CIF: Small: Privacy and Utility of Databases:An Information-Theoretic Approach	National Science Foundation	09/01/2010	08/31/2013	333,493
Cuff, Paul W	1706596	Grant	CIF:Small: Collaborative Research: Compressed Sensing for High-Resolution Image Inversion	National Science Foundation	09/01/2010	08/31/2013	166,667
Verdu, Sergio	1706595	Grant	CIF:Small:Non-asymptotic Information Theory	National Science Foundation	08/01/2010	07/31/2013	500,000
Chiang, Mung	1706593	Grant	NeTS: Large:Collaborative Research: Architecting Manageable Interference for Next-Generation Wireless Networks	National Science Foundation	07/01/2010	06/30/2015	503,116
Calderbank, Robert Chiang, Mung	1706594						66,884
Wysocki, Gerard	1706591	Grant	Laser spectroscopic instrumentation for isotopic sensing of biogenic Nitric Oxide	National Institutes of Health	07/01/2010	06/30/2013	569,460
Jha, Niraj K	1704307	Contract	Robust Power-optimized FinFET Circuit Design	Semiconductor Research Corporation	08/01/2010	07/31/2013	300,000
Shayegan, Mansour	1706589	Grant	Ballistic Transport in 2D Carrier Systems: Role of Spin and Valley Degrees of Freedom	National Science Foundation	06/15/2010	05/31/2013	360,000
Kulkarni, Sanjeev R	1704306	Contract	Routing as a Distributed Learning Problem	Deutsche Telekom AG	07/01/2010	06/30/2014	346,431
Poor, H. Vincent	1704305	Contract	Cognitive Communication Channels: Detection, Medium Access, Cooperation, and Secrecy	Qatar University	09/01/2009	08/30/2012	183,750
Kahn, Antoine	1706588	Grant	Physics and Applications of Doping in Molecular and Polymer Semiconductor Films	National Science Foundation	07/01/2010	06/30/2013	369,842
Liu, Bede	1706585	Contract	Signal Processing Algorithms for Very Accurate Geolocation in the Presence of Multipath	Battelle - Chapel Hill Operations	03/26/2010	10/25/2012	746,000
Fleischer, Jason W	1706584	Grant	Dynamical Imaging Using Spatial Nonlinearity	Air Force Office of Scientific Research	05/01/2010	04/30/2013	327,450
Fleischer, Jason W	1706618						122,550
Poor, H. Vincent Marina, Ninoslav	1704304	Contract	Marie Curie Fellowship - Ninoslav Marina	Ecole Polytechnique Federale de Lausanne	12/01/2009	03/31/2012	12,796
Poor, H. Vincent	1706583	Grant	Modeling of Networks Under Attack Based on Biological Wound Healing Process	Texas Engineering Experiment Station	04/01/2010	01/17/2012	150,000
Wagner, Sigurd	3394047	Contract	Permeation Barrier for Flexible Displays	Universal Display Corporation	01/01/2010	12/31/2012	354,302
Wysocki, Gerard	1706581	Grant	CAREER:Coherent Mid-infrared Molecular Dispersion Spectroscopy for Ultra-sensitive Chemical Detection	National Science Foundation	02/01/2009	01/31/2015	405,843
Chou, Stephen Y	1706578	Grant	Nanophotonic Structures by 3D DNA Self-Assembly	Arizona State University	08/09/2009	08/08/2013	320,000
Kahn, Antoine	1706577	Grant	ARRA: Proposal to Establish an Energy Frontier Research Center (EFRC) - Center for Interface Science: Hybrid Solar Electric Materials	University of Arizona	08/01/2009	07/31/2014	620,875
Malik, Sharad Li, Kai Martonosi, Margaret R Peh, Li-Shiuan Verma, Naveen	1704278	Contract	Combined Center Budget: The GigaScale Systems Research Center (GSRC)	Microelectronics Advanced Research Corporation	11/01/2009	01/31/2013	2,396,520
Malik, Sharad	1704279						435,803

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Electrical Engineering (4)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Malik, Sharad	1704280	Contract	<i>Continued from above</i>	Microelectronics Advanced Research Corporation	11/01/2009	01/31/2013	915,000
Martonosi, Margaret R	1704281						570,000
Verma, Naveen	1704282						300,000
Li, Kai	1704283						345,000
August, David I	1704284						100,000
Malik, Sharad	1704285						515,250
Malik, Sharad	1704286						510,250
Malik, Sharad	1704287						360,250
Malik, Sharad	1704288						240,250
Malik, Sharad	1704289						390,250
Malik, Sharad	1704290						1,390,250
Malik, Sharad	1704291						2,155,187
Malik, Sharad	1704292						465,250
Malik, Sharad	1704293						295,250
Malik, Sharad	1704294						520,250
Malik, Sharad	1704295						2,470,250
Malik, Sharad	1704296						315,250
Malik, Sharad	1704297			2,200,250			
Malik, Sharad	1704298			315,250			
Chiang, Mung Poor, H. Vincent Salganik, Matthew J Shapiro, Jacob N	1706572	Grant	NetSE: Medium: Robust Socio-Technological Networks: An Inter-disciplinary Approach to Theoretical Foundation and	National Science Foundation	10/01/2009	09/30/2013	275,000
Poor, H. Vincent	1706573						275,000
Salganik,	1706574						275,000
Shapiro, Jacob N	1706575						275,000
Chiang, Mung Poor, H. Vincent Salganik, Matthew J Shapiro, Jacob N	1706590						7,950
Poor, H. Vincent	1706570	Grant	ARRA-NeTS:Medium: Collaborative Research:Cooperative beamforming for efficient and secure wireless communication	National Science Foundation	09/01/2009	08/31/2012	175,000
Bhatt, Ravindra N Haldane, Frederick D	1706569	Grant	Design Principles for Quantum Hall States	DOE - Germantown	09/01/2009	08/31/2015	2,544,385
Haldane, Frederick D	1706571						305,615

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Electrical Engineering (5)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Lee, Ruby B	1706567	Grant	SHF:Small:Rethinking Computer Architecture for Secure and Resilient Systems	National Science Foundation	09/01/2009	08/31/2013	400,000
Chiang, Mung	1706566	Grant	II-NEW: Advancing Access and Home Networking Research in NEULab	National Science Foundation	09/01/2009	08/31/2012	304,500
Wysocki, Gerard	1706565	Grant	Development of Open-Access PHOTonic Networked Sensors (PHOTONS)	Rice University	07/15/2009	08/31/2011	175,000
Martonosi, Margaret R	1706564	Grant	CSR:Small:Collaborative Research:System Support for Managing Carbon Footprints and Electricity Costs in Internet Services	National Science Foundation	09/01/2009	08/31/2013	167,000
Martonosi, Margaret R	1706561	Grant	SHF:Small:SISA: A System-Level ISA for Power-Performance Management in CMPs	National Science Foundation	08/01/2009	07/31/2014	450,000
Jha, Niraj K	1706560	Grant	ARRA: CSR:Small: Preventing the Exploitation of Software Vulnerabilities and Execution of Malicious Software on Embedded Systems	National Science Foundation	09/01/2009	08/31/2013	499,807
Calderbank, Robert	1706559	Grant	ARRA: CIF:Small:Collaborative Research: Signal Design for Low-Complexity Active Sensing	National Science Foundation	07/01/2009	06/30/2012	160,000
Chou, Stephen Y	1706558	Grant	Nanofabrication Based on Guided Self-Assembly of DNA Using Multidisciplinary Hybrid Technologies	New York University	11/01/2008	11/01/2011	229,874
Houck, Andrew A	1704277	Grant	Quantum Optics with Electrical Circuits	Alfred P. Sloan Foundation	09/16/2009	09/15/2011	50,000
Chiang, Mung	1704276	Contract	Multimedia Sharing of Heterogeneous Networks	Qualcomm Inc.	04/06/2009	04/05/2012	60,000
Chiang, Mung	1706553	Grant	Distributed Scheduling in MANET: Tackling the Challenges of Dimensionality, Non-convexity, and Stochastic Dynamics	Air Force Office of Scientific Research	03/01/2009	11/30/2011	298,028
Fleischer, Jason W	1706554	Grant	Correlated Dynamics in Quantum and Optical Fluids	Air Force Office of Scientific Research	02/01/2009	11/30/2011	374,786
Poor, H. Vincent	1706552	Grant	Cooperative MIMO Radar	Office of Naval Research	01/01/2009	04/30/2012	899,997
Poor, H. Vincent	1706551	Grant	Complex Network Information Exchange In Random Wireless Environments	Stanford University	09/30/2008	09/30/2011	180,000
Kahn, Antoine	1704275	Contract	Electronic Structure of Organic Semiconductors, and Doping and Interfacial Properties	Solvay S.A.	01/01/2009	12/31/2012	730,000
Chiang, Mung	1706550	Grant	Distributed Scheduling in MANET	Office of Naval Research	01/01/2009	09/30/2014	700,000
Chiang, Mung	1706622						300,000
Malik, Sharad	1704274	Contract	Microarchitectural Design using PriM: A Collaboration with Intel Corp	Intel Corporation	12/01/2008	11/30/2011	150,000
Chou, Stephen Y	1706549	Grant	Nanogap Detector (Arrays) Inside Nanofluidic Channel for Fast Real-Time DNA Sequencing	National Institutes of Health	08/19/2008	05/31/2013	919,137
Fleischer, Jason W	1706547	Grant	Kinetic Instabilities and Turbulence in Photonic Plasma	DOE - Germantown	08/01/2008	04/30/2012	495,000
Chou, Stephen Y	1706546	Grant	Cutting, Selecting, and Transfer-Printing Technology for Graphene-on-Demand over Entire Wafers and FET Applications	National Science Foundation	08/01/2008	07/31/2012	280,000
Malik, Sharad	1704270	Contract	Addressing Validation and Robustness through Architecture/Micro-Architecture Level Design	Semiconductor Research Corporation	07/01/2008	06/30/2012	330,000
Chou, Stephen Y	1706539	Grant	Design and Fabrication of Large-Enhancement-Factor, Large-Area SERS Nanostructures	Air Force Office of Scientific Research	05/01/2008	04/30/2012	1,370,000
Scully, Marlan O	1706563						10,000

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Electrical Engineering (6)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Fleischer, Jason W	1704266	Grant	Fluid Dynamics of Light and Bose-Einstein Condensates: Theory and Experiment on Tunneling, Shock Waves, Vortices	U.S.-Israel Binational Science Fdn.	10/01/2007	09/30/2011	33,000
Kahn, Antoine	1704265	Grant	Electronic Transport Across Molecules: Understanding the Roles of Molecule/Electrode Interactions	U.S.-Israel Binational Science Fdn.	10/01/2007	09/30/2011	92,250
Jha, Niraj K	1706529	Grant	CSR--EHS: Non-volatile Carbon Nanotube RAM based FPGA Architectures	National Science Foundation	08/01/2007	07/31/2011	300,000
Jha, Niraj K	1706528	Grant	CSR--EHS:Hardware/Software Architectures for Secure Embedded Systems	National Science Foundation	08/01/2007	07/31/2011	406,875
Chou, Stephen Y	1706526	Grant	Tunable, UV-Wavelength, Nanophotonic Structures, Lasers and Detectors	National Science Foundation	09/01/2007	08/31/2012	300,000
Chou, Stephen Y	1706525	Grant	Development of Large-Area Sub-20-nm Half-Pitch Nanoimprint Templates For Nanomanufacturing	National Science Foundation	10/01/2007	09/30/2011	280,000
Kulkarni, Sanjeev R	1706523	Grant	Distributed Learning and Pattern Recognition for Terrain Modeling and Analysis	University of South Carolina	05/01/2007	01/31/2013	350,000
Lee, Ruby B	1704253	Grant	Security Aware Multicore Architecture	Intel Corporation	06/01/2006	05/31/2012	90,000
Peh, Li-Shiuan	1704252	Contract	Title: Energy-efficient Network Architectures for On-die Interconnects	Intel Corporation	09/01/2006	08/31/2012	82,500
Jha, Niraj K							
Jha, Niraj K	1704254						82,500
Peh, Li-Shiuan							
Kahn, Antoine	1706455	Grant	Interfaces of Polymer Electronic Devices	DOE - Germantown	09/01/2004	04/30/2012	2,700,267
Verdu, Sergio	1704181	Cooperative Agreement	ARL Collaborative Technology: Alliance on Communications and Networks!	Telcordia Technologies, Inc.	05/31/2001	09/30/2011	1,743,701
Verdu, Sergio	1704183						759,513
Kobayashi, Hisashi	1704141	Contract	Algorithms Applications Implementation of Next Generation Wireless Systems	Mitsubishi Electric Info Tech Center America	07/01/1999	08/23/2011	620,968
Kung, Sun-Yuan							
Kung, Sun-Yuan	1704260						34,929
Kobayashi, Hisashi							
Kung, Sun-Yuan	1704116	Contract	A MEITCA Project on Object-Oriented Video Segmentation for MPEG4 Applications	Mitsubishi Electric Info Tech Center America	07/01/1996	08/23/2011	286,538
Tsui, Daniel C	1706346	Grant	Transport Experiments on 2D Correlated Electron Physics in Semiconductors	DOE - Chicago	02/15/1998	02/14/2013	1,567,935
Tsui, Daniel C	1706592						495,000

Contributions Made to Other Units :

Applied and Computational Math

Mung Chiang

Harold V Poor

Chemistry

Niraji K Jha

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

Contributions Made to Other Units (cont.) :

Molecular Biology

Ron Weiss

Physics

Mansour Shayegan

Princeton Neuroscience Institute (PNI)

Peter J Ramadge

PRISM

Ravindra N Bhatt

Stephen Y Chou

Claire F Gmachl

Andrew Houck

Niraji K Jha

Antoine Kahn

Stephen A Lyon

Paul R Prucnal

Mansour Shayegan

James C Sturm

Daniel C Tsui

Hakan E Tureci

Naveen Verma

Sigurd Wagner

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Roche, Thomas P	1904009	Grant	Mellon Emeritus Fellowship: Iconography of Muses in Art and Literature from Hesoid through the Renaissance	The Andrew W. Mellon Foundation	10/01/2011	09/30/2013	29,002
Konstantinou, Lee	1904007	Grant	ACLS New Faculty Fellowship for Lee Konstantinou	American Council of Learned Societies	07/01/2011	06/30/2012	27,778
Konstantinou, Lee	1904008						6,500
Fleming, John V	1904006	Grant	Mellon Emeritus Faculty Fellowship	The Andrew W. Mellon Foundation	10/01/2009	09/30/2011	27,784

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

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7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Tromp, Jeroen	1956593	Grant	Short-period, Anelastic and Anisotropic, Waveform-Based Three-Dimensional Model to Improve Nuclear Explosion Monitoring in the Middle East	University of Rhode Island	06/20/2012	01/15/2013	37,096
Rubin, Allan M	1956590	Grant	An Event-Based Earthquake Predictability Experiment	University of Southern California	02/01/2012	01/31/2014	30,000
Rubin, Allan M	1956591	Grant	A Search for Seismicity Patterns that Reflect Mechanical Erosion of Locked Patches Due to Creep	University of Southern California	02/01/2012	01/31/2014	25,000
Medvigy, David M	1956586	Grant	Multi Model Regional Simulation of Climate Change Impacts on Agriculture and Ecosystems in the Southwestern United States	Chapman University	02/16/2012	03/31/2014	90,993
Tromp, Jeroen	1956585	Cooperative Agreement	Forward and Adjoint Simulations of Seismic Wave Propagation	University of California at Davis	12/21/2011	09/30/2013	198,116
Medvigy, David M	1956583	Grant	CAREER: Impacts of Amazon Deforestation on Earth's Climate, Water, and Ecosystems: The Ebb of the Green Ocean?	National Science Foundation	02/15/2012	01/31/2017	495,480
Medvigy, David M	1956584						60,344
Onstott, Tullis C	1954099	Grant	Deep Life I: Microbial Carbon Transformations in Rock-Hosted Deep Subsurface Habitats	East Carolina University	01/01/2012	12/31/2013	48,080
Lewis, Kevin W	1956582	Contract	Unlocking the Geologic Record: Quantitative Stratigraphy with Mars Science Laboratory	Cal Tech - Jet Propulsion Lab (JPL)	01/19/2012	12/24/2014	309,308
Higgins, John A	1954098	Grant	CIFAR Junior Fellowship	Canadian Institute for Advanced Research	02/01/2012	08/31/2013	72,917
Duffy, Thomas S	1956581	Grant	Elasticity of Mantle Minerals at High Pressures and Temperatures	National Science Foundation	01/01/2012	12/31/2014	388,182
Maloof, Adam C	1956580	Grant	Development of an Integrated Serial Grinder and Photo-Imager for 3D Fossil Reconstruction	National Science Foundation	12/01/2011	11/30/2013	449,113
Simons, Frederik J	1954097	Grant	CIFAR-Earth System Evolution-Post Doctoral Research Fellowship	Canadian Institute for Advanced Research	10/01/2011	09/30/2013	93,695
Ward, Bess B	1956579	Grant	Dimensions: Collaborative Research: Functional Diversity of Marine Eukaryotic Phytoplankton and Their Contributions to C and N	National Science Foundation	01/01/2012	12/31/2014	1,399,879
Sigman, Daniel M							
Morel, Francois	1956578	Grant	Mechanisms of Hg(II) Uptake and Methylation in Methyating Bacteria	DOE - Washington	09/15/2011	11/30/2014	782,476
Onstott, Tullis C	1956577	Grant	Shallow-Borehole Array for Measuring Greenland Emission of Trace Gases as an Analogue for Methane on Mars (GETGAMM)	Indiana University	05/18/2011	05/17/2014	461,298
Maloof, Adam C	1956576	Grant	Testing Models for the Origin of the Deepest Carbon-Isotope Anomaly in Earth History? The Wonoka Formation of South	National Science Foundation	10/01/2011	09/30/2013	179,256
Schoene, Blair							
Simons, Frederik J	1956575	Grant	Structure and Evolution of the Venusian lithosphere: Statistically robust, localized analysis of Magellan gravity and topography	NASA Headquarters - Washington	10/01/2011	09/30/2014	224,897
Bender, Michael L	1956574	Grant	Collaborative Research: Ice Core Studies Reconstructing Greenland Climate During the Eemian and Beyond	National Science Foundation	01/01/2012	12/31/2014	295,616
Ward, Bess B	1956573	Grant	Effects of Climate Change on Phytoplankton Community Composition and Carbon Cycling	U.S. DOC - Natl Oceanic & Atmos	09/01/2011	08/31/2013	342,694
Duffy, Thomas S	1956572	Contract	Development of a New Materials Platform to Study Iron and Diamond at Ultrahigh Pressures Using NIF	Lawrence Livermore National	06/30/2011	09/30/2012	70,000

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Morel, Francois	1956571	Grant	Collaborative Research: The Seasonal Dynamic of CO2, Primary Production, and DMS in the Western Antarctic Peninsula: Measurements of Pools and Proce	National Science Foundation	07/01/2011	06/30/2014	434,769
Tromp, Jeroen	1956570	Grant	ABR-Toward Seismic Tomography Based Upon Adjoint Methods	National Science Foundation	07/01/2011	06/30/2015	709,986
Rubin, Allan M	1956569	Grant	A (Mostly) Observational Study of Microearthquakes on a Bimaterial Interface	National Science Foundation	06/01/2011	05/31/2013	188,524
Ward, Bess B	1954095	Grant	PML Summer 2011	Plymouth Marine Laboratory	07/12/2011	08/26/2011	12,500
Sigman, Daniel M	1956568	Grant	Understanding the Nitrogen Isotopes of Planktonic Foraminifera: A Modern Sargasso Sea Study	National Science Foundation	04/01/2011	03/31/2014	619,900
Duffy, Thomas S	1956566	Grant	Ramp Compression Experiments for Studying Equations of State, Phase Transformations, and Kinetics on Omega	DOE - National Nuclear Security Administration	02/02/2011	02/01/2013	166,850
Rubin, Allan M	1956565	Grant	Directivity of Microearthquakes on a Bimaterial Interface	U.S. Geological Survey	02/01/2011	04/30/2012	74,981
Sigman, Daniel M	1956564	Grant	Collaborative Research: Isotopic and Compositional Investigation of the Sources and Interactions of Reactive N in the Marine Atmosphere at Bermuda	National Science Foundation	12/15/2010	11/30/2013	389,830
Tromp, Jeroen	1956563	Grant	Iterative Inversions of Sunspot and Supergranular Subsurface Structure	NASA Headquarters - Washington	12/01/2010	11/30/2013	583,276
Sigman, Daniel M	1956562	Grant	Direct Measurement of Dissolved Organic Nitrogen Concentration and 15N/14N Ratio	University of Miami	10/01/2009	09/30/2012	99,680
Onstott, Tullis C	1956561	Grant	Radiochemically-Supported Microbial Communities: A Potential Mechanism for Biocolloid Production of Importance to Actinide Transport	Desert Research Institute	07/01/2010	06/30/2013	121,570
Myneni, Satish C	1956560	Grant	Role of Sulfhydryl Sites on Bacterial Cell Walls in the Biosorption, Mobility and Bioavailability of Mercury	DOE - Washington	09/10/2010	11/30/2013	772,955
Ward, Bess B Bowen, Jennifer L	1956558	Grant	Environmental Control of Microbial N2O Fluxes and DIN Loss in Salt Marsh Sediments	National Science Foundation	09/15/2010	08/31/2013	599,082
Onstott, Tullis C	1956556	Grant	Collaborative Research: ETBC: The Deep Crustal Biosphere: Microbial Cycling of Carbon	National Science Foundation	10/01/2010	09/30/2013	343,063
Onstott, Tullis C	1956557						123,421
Ward, Bess B Jayakumar, Amal	1956559	Grant	Collaborative Research: Control of Denitrification and Anammox in the Oxygen Deficient Waters of the Eastern Tropical North and	National Science Foundation	09/15/2010	08/31/2013	637,101
Morel, Francois Bender, Michael L	1956555	Grant	Collaborative Research: Ocean Acidification - Category 1: Effects of pCO2 and pH on Photosynthesis, respiration, and growth in marine phytoplankton	National Science Foundation	09/01/2010	08/31/2014	1,390,493
Duffy, Thomas S	1956553	Grant	X-ray DAC Facilities at the NSLS	University of Illinois at Urbana-Champaign	06/01/2010	05/31/2013	42,000
Simons, Frederik J	1956551	Grant	Collaborative Research: Localized Analysis of Geophysical Signals Acquired by Satellites: Making the most of GRACE	National Science Foundation	08/15/2010	07/31/2013	179,904
Tromp, Jeroen	1956549	Grant	Imaging Reflectors in the Southern California Crust	University of Southern California	02/01/2010	01/31/2012	27,000
Rubin, Allan M	1956550	Grant	Rupture directivity of microearthquakes on a bimaterial interface	University of Southern California	02/01/2010	01/31/2012	54,000

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

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Onstott, Tullis C	1956548	Grant	The Impact of Global Warming on the Carbon Cycle of Arctic Permafrost: An Experimental and Field Based Study	DOE - Germantown	07/15/2010	07/14/2013	1,935,255
Myneni, Satish C							
McQuarrie, Nadine	1956546	Grant	Collaborative Research: Australia down under: Quantification of rates and amount of continental subduction during Neogene arc-continent collision on T	National Science Foundation	05/01/2010	10/31/2011	27,621
McQuarrie, Nadine	1956547						26,195
Maloof, Adam C	1954092	Grant	Alfred P. Sloan Research Fellowship for Dr. Adam c. Maloof in Physics	Alfred P. Sloan Foundation	09/15/2010	09/15/2012	50,000
Schaefer, Jeffra K	1954090	Grant	Identification of Hot-spots for Methyl Mercury Production and Degradation after Forest Clear-cut -- A Multidisciplinary Approach to Lay a Basis for...	Swedish University of Agricultural Sciences	01/01/2010	06/30/2013	97,161
Sigman, Daniel M	1956545	Grant	Collaborative Research: GEOTRACES Atlantic Section Nitrate Isotope Measurements	National Science Foundation	05/01/2010	04/30/2013	270,643
Tromp, Jeroen	1954089	Grant	Seismic Imaging and Tomography based upon Spectral-Element and Adjoint Methods	Total E&P Recherche Developpement	01/01/2010	12/31/2012	621,007
Morel, Francois	1956544	Grant	Nitrogenase Metal Cofactors in Terrestrial Systems: Chemical Speciation and the Kinetic Versus Thermodynamic Controls on Metal Acquisition by Diazotro	National Science Foundation	02/01/2010	01/31/2012	6,000
Keller, Gerta	1956543	Grant	Investigating the Environmental and Biological Response to Deccan Volcanism	National Science Foundation	08/01/2010	07/31/2013	34,997
Morel, Francois	1954088	Grant	Iron Bioavailability to Phytoplankton: Do Different Taxa Share Similar Uptake Mechanisms?	Hebrew University of Jerusalem	01/01/2010	12/31/2013	4,150
Sigman, Daniel M	1956541	Grant	MRI: Acquisition of Stable Isotope Instrumentation for the Biogeosciences at Princeton University	National Science Foundation	09/15/2009	08/31/2012	516,086
Ward, Bess B							
Keller, Gerta	1956540	Grant	ARRA: US-Egypt Coop. Climate Change and Biotic Effects during the Late Cretaceous of Egypt	National Science Foundation	10/01/2009	09/30/2013	63,833
Cassar, Nicolas	1956539	Grant	Method Development: Continuous Underway DIC, CO ₂ , and O ₂ /Ar measurements by membrane equilibrator dual inlet mass spectrometry (MEDIMS)	U.S. DOC - Natl Oceanic & Atmos	08/01/2009	07/31/2013	441,970
Bender, Michael L							
Bender, Michael L	1956538	Grant	Net Community Production and the F-Ratio off the Western Antarctica Peninsula: Estimates from Measurements of O ₂ Properties and Satellite-Based Data	NASA Headquarters - Washington	09/01/2009	08/31/2012	90,000
McQuarrie, Nadine	1956535	Grant	Collaborative Research: CAUGHT: Central Andean Uplift and the Geodynamics of High Topography	National Science Foundation	07/01/2009	10/31/2011	32,156
Rubin, Allan M	1956536	Grant	ARRA: Theoretical Earthquake Nucleation, with Applications to Creep Fronts, Tremor, and Slow Slip	National Science Foundation	07/01/2009	06/30/2013	271,351
Bender, Michael L	1956534	Grant	Collaborative Research: Exploring A 2 Million + Year Ice Climate Archive - Allan Hills Blue Ice Area (2MBIA)	National Science Foundation	07/01/2009	06/30/2013	446,763
Morel, Francois	1956532	Grant	Postdoctoral Research Fellowship in Microbiology	National Science Foundation	04/01/2009	03/31/2012	15,000
Maloof, Adam C	1956530	Grant	Fluctuating Tidewater Glaciers, Chemical Weathering and Survival of Reef-Dwelling Organisms: The Marinoan Snowball, South	National Science Foundation	04/01/2009	03/31/2013	87,371
Maloof, Adam C	1956533						115,628

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Morel, Francois	1956528	Contract	Specific Mechanisms of HG (II) Uptake and Methylation in Methylating Bacteria	UT-Battelle, LLC	12/15/2008	09/30/2011	229,084
Duffy, Thomas S	1956527	Grant	Aluminum- and Iron-rich Perovskites and Post-perovskites and Earth's Deep Lower Mantle	National Science Foundation	02/01/2009	01/31/2013	377,779
Onstott, Tullis C	1956526	Grant	COLLABORATIVE RESEARCH: DUSEL Experiment Development and Coordination	National Science Foundation	09/01/2008	08/31/2011	94,877
Onstott, Tullis C	1956524	Grant	A CRDS for Isotopic Measurement of Martian CH4	NASA Headquarters - Washington	07/23/2008	07/22/2012	975,495
Morel, Francois	1956522	Grant	Effects of Ocean Acidification on Nutrient Availability and Requirements in Phytoplankton	National Science Foundation	08/15/2008	07/31/2013	1,095,993
Tromp, Jeroen	1956521	Grant	Adjoint Tomography of Southern California	University of Southern California	07/01/2008	01/31/2012	53,998
Duffy, Thomas S	1956518	Grant	Carnegie/Department of Energy Alliance Center: Structure, Strength, and Elasticity at Ultra High Pressures	Carnegie/DOE Alliance Center	03/01/2008	02/28/2013	0
Duffy, Thomas S	1956520						438,235
Bender, Michael L	1956512	Grant	Primary Production & Net Community Production in the Southern Ocean: Integrating Results from Modeling, Remote Sensing, & Extensive Recent Observations	NASA Headquarters - Washington	01/01/2008	12/31/2012	787,966
McQuarrie, Nadine	1956510	Grant	Filling the Eastern Himalayan Gap: Structural Architecture and Kinematics of the Himalayan Orogen in Bhutan	National Science Foundation	01/01/2008	12/31/2011	272,062
McQuarrie, Nadine	1956514						49,206
Duffy, Thomas S	1956509	Grant	Elasticity of Mantle Minerals at High Pressures by Brillouin Scattering	National Science Foundation	02/01/2008	01/31/2012	374,719
Bender, Michael L	1956508	Grant	Collaborative Research: Dating and Paleoenvironmental Studies on Ancient Ice in the Dry Valleys, Antarctica	National Science Foundation	10/01/2007	09/30/2012	437,946
Ward, Bess B	1956503	Grant	En-Gen: Genome-Enabled Environmental Functional Genomics and Expression Profiling of Diatoms in the Ocean	National Science Foundation	09/01/2007	08/31/2011	1,046,219
Morel, Francois							
Sigman, Daniel M	1956502	Grant	Collaborative Research: Non-local Bacterial Transport of Nitrate within Sediments Underlying Oxygen Deficient Zones: A New Twist in the N Cycle	National Science Foundation	10/01/2007	09/30/2011	109,464
Rubin, Allan M	1956498	Grant	An Observational Study of Microearthquakes on a Bimaterial Interface	National Science Foundation	07/01/2007	06/30/2012	248,000
Simons, Frederik J	1956497	Grant	Mechanical Anisotropy from Gravity/Topography Coherence: A Global Study	National Science Foundation	07/01/2007	06/30/2012	275,000
Maloof, Adam C	1956494	Grant	Collaborative Research: Calibrating Rates & Duration for Isotopic Variability During the Early Cambrian Radiation of Animals, Anti-Atlas Mts., Morocco	National Science Foundation	04/01/2007	09/30/2013	136,388
Maloof, Adam C	1956495						33,612
Ward, Bess B	1956493	Grant	Collaborative Research: Anammox and Denitrification in the Oxygen Deficient Zone of the Arabian Sea	National Science Foundation	09/01/2007	08/31/2011	384,803
Bender, Michael L	1956489	Grant	Studies of Net and Gross Production in the Southern Ocean: Controls and Scaling	NASA Headquarters - Washington	07/13/2006	07/31/2011	435,711
Bender, Michael L	1956515						39,014

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Sigman, Daniel M	1956488	Grant	Collaborative Proposal: BEST: Nitrogen Supply for New Production and its Relation to Climatic Conditions on the Eastern Bering Sea Shelf	National Science Foundation	08/15/2006	07/31/2011	466,135
Sigman, Daniel M	1956475	Grant	CAREER: Nitrate Isotopes and Biogeochemistry: A Plan for Coupling Graduate and Undergraduate Research.	National Science Foundation	09/01/2005	08/31/2011	731,268

Contributions Made to Other Units :**Applied and Computational Mathematics**

Jeroen Tromp

Atmospheric & Oceanic Sciences

Stephan A Fueglistaler

Anand Gnanadesikan

Isaac M Held

Sonya A Legg

Jorge L Sarmiento

Geoffrey K Vallis

Princeton Environmental Institute (PEI)

Michael L Bender

Frederik J Simons

David M Medvigy

François Morel

Tullis C Onstott

Michael Oppenheimer

Jorge L Sarmiento

Daniel M Sigman

Bess Ward

Princeton Institute for Computational Science and Engineering (PICSciE)

Jeroen Tromp

PRISM

Tullis C Onstott

Woodrow Wilson School

Michael Oppenheimer

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

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Jennings, Michael W	2004003	Grant	Schrift/Script: Writing and Image-Character in the Work of Walter Benjamin	Deutscher Akademischer Austausch Dienst	07/01/2011	03/31/2012	2,000

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Graduate School

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Russel, William B	6104043	Grant	Expanding The Mission	The Teagle Foundation	06/15/2012	06/15/2015	125,000
Russel, William B	6106108	Grant	Doctoral Initiative on Minority Attrition and Completion (DIMAC)	Council of Graduate Schools	04/01/2012	09/30/2013	30,000
Jackson-Weaver, Karen Y							
Russel, William B	6104042	Grant	The Art and Science of Teaching and Learning in a Research Culture	The Teagle Foundation	06/01/2010	07/31/2011	35,000
Russel, William B	9706316	Grant	Jacob Javits Fellowship - Patricia Kim and Emily Wang	U.S. Department of Education	08/15/2011	08/14/2015	351,800
Russel, William B	9706315	Grant	Graduate Research Fellowship Program (GRFP)	National Science Foundation	08/01/2011	07/31/2016	4,230,838
Russel, William B	9706311	Grant	Jacob Javitz Fellowship	U.S. Department of Education	08/16/2010	08/14/2014	87,730
Russel, William B	9706310	Grant	Foreign Language and Area Studies Fellowships	U.S. Department of Education	08/15/2010	08/14/2014	1,243,500
Russel, William B	9706309	Grant	DOE Graduate Fellowship Program for 2010-2011 Academic Year	DOE - Oak Ridge	09/01/2010	08/31/2012	84,000

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History

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Brown, Peter R	2054063	Grant	Figures in a Landscape: Topography and Hagiography in the World of Syriac Christianity	International Balzan Foundation	01/01/2012	12/31/2015	391,809
Grafton, Anthony T	2054060	Grant	Marie Curie International Outgoing Fellowship for Gian Mario Cao	University of London	09/01/2009	09/30/2011	15,882
Burnett, D. G	2054059	Grant	New Directions Fellowship Program	The Andrew W. Mellon Foundation	07/01/2009	08/31/2012	283,221
Creager, Angela N	2056069	Grant	Doctoral Dissertation Research: Genetic Studies of Sex Determination in the 20th Century	National Science Foundation	09/01/2008	08/31/2011	4,026
Darnton, Robert C	2054049	Grant	Book Country: Publishing and the Book Trade in Francophone Europe, 1769-1789	The Florence Gould Foundation	01/01/2006	06/30/2013	50,000
Grafton, Anthony T	2054046	Grant	Mellon Foundation Distinguished Achievement Award	The Andrew W. Mellon Foundation	01/01/2005	10/01/2011	1,618,789
Brown, Peter R	2054041	Grant	Mellon Distinguished Achievement Award	The Andrew W. Mellon Foundation	04/01/2002	10/31/2012	1,621,789

Contributions Made to Other Units :

East Asian Studies

Martin C Collcutt

Benjamin A Elman

Susan Naquin

Papers of Thomas Jefferson

Barbara B Oberg

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

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Rabinowitz, Joshua D	3466155	Grant	Thyroid Hormone Receptors - Regulation and Function	University of Pennsylvania	06/01/2012	05/31/2013	77,300
Rabinowitz, Joshua D	3466138	Grant	University of Pennsylvania Diabetes Research Center	University of Pennsylvania	05/15/2012	03/31/2013	297,177
Storey, John D	3466136	Grant	Large-Scale Inference of High-Dimensional Data: Dependence and Latent Structure	Office of Naval Research	06/15/2012	10/14/2015	1,036,481
Shaevitz, Joshua W	3464046	Grant	Predator-prey Interactions and Structure Formation in Myxobacterial Social Behavior	Human Frontier Science Program Org. (HFSP)	05/01/2012	04/30/2015	164,980
Botstein, David Levin, Simon A Wingreen, Ned S	3466134	Grant	Biochronicity: Time, Network, Evolution and Function	Duke University	03/30/2012	03/29/2013	146,215
Wingreen, Ned S Botstein, David Levin, Simon A	3466135						53,786
Callan, Curtis G	3466133	Grant	Predictive Learning of Transcriptional Networks	Columbia University	09/01/2011	05/31/2013	76,560
Kruglyak, Leonid Treusch, Sebastian	3466132	Grant	Influence of Genetic Variation on Fungal MAPK Signaling and Virulence	National Institutes of Health	04/01/2012	03/31/2015	155,346
Storey, John D	3466131	Grant	Methods for Gene-Environment Interactions Involving Gene Expression	National Institutes of Health	03/13/2012	02/28/2015	477,360
Gregor, Thomas	3466128	Grant	Controlling Collective Behavior in Eukaryotic Cell Populations	National Institutes of Health	02/01/2012	01/31/2016	1,044,968
Rabinowitz, Joshua D	3464045	Grant	Investigating the Remodeling of Lipid Metabolism Induced by Human Cytomegalovirus	American Heart Association	01/01/2012	12/31/2013	89,000
Shvartsman, Stanislav Y	3466124	Grant	Collaborative Research: Dynamics of Morphogen Gradients	National Science Foundation	10/01/2011	09/30/2014	249,860
Rabinowitz, Joshua D Kruglyak, Leonid Rabitz, Herschel A	3466125	Grant	Metabolomics of Clostridial Biofuel Production	DOE - Chicago	09/01/2011	11/30/2014	1,011,700
Kruglyak, Leonid Rabinowitz, Joshua Rabitz, Herschel A	3466126						41,818
Rabitz, Herschel A Kruglyak, Leonid Rabinowitz, Joshua	3466127						145,264
Shvartsman, Stanislav Y	3466123	Grant	Systems Biology of MAPK Signaling in Early Drosophila Embryo	National Institutes of Health	09/15/2011	08/31/2015	1,418,821
Dolinski, Kara J	3466122	Grant	Systematic Data Curation and Integration to Link Models of Human Disease	National Institutes of Health	09/14/2011	07/31/2015	2,590,350
Shvartsman, Stanislav Y	3466121	Grant	EFRI-MIKS: Multiscale Analysis of Morphogen Gradients	National Science Foundation	09/01/2011	08/31/2015	2,000,000
Bialek, William	3464044	Grant	Theoretical physics meets experimental neuroscience: A program for postdoctoral fellows at Princeton University	The Swartz Foundation	09/01/2011	08/31/2012	14,958
Bialek, William	3464043	Grant	Theoretical physics meets experimental neuroscience: A program for postdoctoral fellows at Princeton University	The Swartz Foundation	09/01/2011	08/31/2012	55,000

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Bialek, William	3464042	Grant	Theoretical physics meets experimental neuroscience: A program for postdoctoral fellows at Princeton University	The Swartz Foundation	09/01/2011	08/31/2012	55,000
Shaevitz, Joshua W Bialek, William Stern, David L	3466120	Grant	A New Paradigm for Quantifying Animal Behavior in a Model Genetic System	National Institutes of Health	08/01/2011	05/31/2015	1,595,660
Singh, Mona	3464041	Grant	Computational Approaches to Predict the Effects of Cancer-Associated Amino Acid Mutations on Gene Regulation and Protein Binding	American Italian Cancer Foundation	08/01/2011	07/31/2013	70,000
Gregor, Thomas	3466119	Grant	The Biophysical and Molecular Mechanisms of Reliability in Development	National Institutes of Health	07/21/2011	05/31/2016	1,384,900
Troyanskaya, Olga G Li, Kai	3466118	Grant	Context-Sensitive Search of Human Expression Compendia	National Institutes of Health	06/28/2011	04/30/2014	1,157,024
Bialek, William	3464040	Grant	Biophysics Approaches to Study Stem Cell Dynamics During Regeneration in Planarians	The Burroughs Wellcome Fund	07/01/2011	09/30/2012	53,125
Troyanskaya, Olga G	3466117	Contract	Modeling Immunity for Biodefense	Mt. Sinai School of Medicine	09/30/2010	09/29/2015	687,829
Rabinowitz, Joshua D	3464038	Grant	Lipid Metabolism in Pancreatic Cancer: Unveiling a New Set of Therapeutic Targets	The Hope Funds for Cancer Research	07/01/2011	06/30/2013	93,000
Botstein, David Gibney, Patrick A	3466115	Grant	Large Scale Identification and Characterization of Hsf1-mediated Heat Shock Response Regulators	National Institutes of Health	06/01/2011	05/31/2013	105,268
Singh, Mona	3466114	Grant	Collaborative Research: ABI Development: Algorithms and Software for Discovery of Non-sequential Protein Structure Similarities	National Science Foundation	05/01/2011	04/30/2014	200,001
Dolinski, Kara J	3466113	Grant	BioGRID: An Open Integrated Resource for Biological Interaction Data	Samuel Lunenfeld Research Institute	02/10/2011	01/31/2016	931,056
Troyanskaya, Olga G	3466111	Grant	Integration and Visualization of Diverse Biological Data	National Institutes of Health	01/01/2011	12/31/2014	1,570,589
Llinas, Manuel	3466110	Grant	ARRA: A Systems Biology Approach for the Model Apicomplexan Toxoplasma Gondii	Albert Einstein College of Medicine of Yeshiva University	09/30/2010	09/29/2013	531,995
Llinas, Manuel	3466108	Grant	Dissection of Plasmodium Falciparum Genetic Crosses by Mass Spectrometry-based Metabolite QTL	University of Pennsylvania	08/30/2010	07/31/2013	235,888
Bialek, William	3464037	Grant	Central Auditory Processing: From Single Cells to Perception and Learning of Complex Natural Sounds	Int. Human Frontier Sci. Prog. Org. (IHFSPO)	09/01/2010	08/31/2013	300,000
Bialek, William	3464036	Grant	Theoretical physics meets experimental neuroscience: A program for postdoctoral fellows at Princeton University	The Swartz Foundation	09/01/2010	08/31/2011	117,500
Murphy, Coleen T	3464034	Grant	Glenn Award for Research in Biological Mechanisms of Aging	Glenn Foundation for Medical	06/18/2010	06/17/2012	60,000
Tavazoie, Saeed	3466107	Grant	Comprehensive Genetic Characterization of Antibiotic Resistance	National Institutes of Health	07/01/2010	06/30/2014	86,517
Rabinowitz, Joshua D	3464033	Contract	Identifying and Treating Glutamine-dependent Pancreatic Cancer	University of Pennsylvania	12/01/2009	12/01/2012	691,492
Singh, Mona Llinas, Manuel	3466105	Grant	Computational Methods for Uncovering Protein Function in Plasmodium Falciparum	National Institutes of Health	03/01/2010	02/28/2013	438,350
Bialek, William	3464032	Grant	Physical Limits and Biological Function	Keck Foundation (The W. M.)	12/15/2009	12/14/2012	1,002,008

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Rabinowitz, Joshua D	3464031	Grant	Probing the Glycolytic Gluconeogenic Switch in Primary Rodent Hepatocytes via Metabolomics and Fluxomics	Johnson & Johnson Pharmaceutical Research & Development, LLC	01/01/2010	12/31/2011	150,000
Dolinski, Kara J	3466104	Grant	Genomic Database for the Yeast Saccharomyces	Stanford University	08/01/2009	07/31/2012	414,574
Llinas, Manuel	3464029	Grant	Density -Dependent Autocrine Control of Gametocytogenesis in the Virulent Malaria Parasite Plasmodium Falciparum	Damon Runyon Cancer Research Foundation	01/01/2010	12/31/2012	156,000
Tank, David W	3466101	Grant	ARRA - Virtual Reality Systems for Neural Circuit Dynamics	National Institutes of Health	09/30/2009	08/31/2012	1,000,000
Rabinowitz, Joshua D	3466099	Grant	Integration of carbon, nitrogen, and oxygen metabolism in Escherichia coli	DOE - Washington	09/01/2009	08/31/2012	319,341
Wingreen, Ned S Rabinowitz, Joshua	3466100						179,420
Tank, David W	3466098	Grant	ARRA - Imaging and Stimulation of Neural Activity at Cellular Resolution in Awake Mice	National Institutes of Health	07/01/2009	06/30/2012	186,866
Andolfatto, Peter	3466096	Grant	Adaptive Evolution of Non Coding DNA and Gene Expression Divergence in Drosophila	National Institutes of Health	09/01/2009	07/31/2014	1,479,722
Murphy, Coleen T	3466083	Grant	Molecular Mechanisms Regulating Age-Related Cognitive Decline	National Institutes of Health	08/15/2009	07/31/2014	1,465,639
Botstein, David	3466079	Grant	Genetics of Functional Interactions in Yeast	National Institutes of Health	09/01/2009	08/31/2013	2,571,449
Rabinowitz, Joshua D	3466080	Grant	Integration of Carbon, Nitrogen, and Oxygen Metabolism in Escherichia Coli	Air Force Office of Scientific Research	08/01/2009	07/31/2012	141,054
Rabinowitz, Joshua D Rabitz, Herschel A	3466097						259,451
Rabinowitz, Joshua D	3466129						6,587
Rabinowitz, Joshua D Rabitz, Herschel A	3466130						80,491
Shaevitz, Joshua W	3464028	Grant	Mechanisms of Cellular Organization and Force Production in Bacteria	Pew Scholars Program in the Biomedical Sciences	07/01/2009	06/30/2014	240,214
Botstein, David	3466073	Grant	Quantitative and Computational Biology Graduate Program	National Institutes of Health	08/01/2009	07/31/2014	543,396
Botstein, David	3466075						442,744
Botstein, David	3466076						492,008
Botstein, David	3466077						542,335
Botstein, David	3466084	Grant	Center for Quantitative Biology	National Institutes of Health	09/01/2009	08/31/2014	3,357,052
Botstein, David	3466085						831,335
Botstein, David	3466086						1,034,135
Botstein, David	3466087						926,895
Botstein, David	3466088						862,934
Botstein, David	3466089						1,382,472
Botstein, David	3466090						654,879

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Botstein, David	3466091		<i>Continued from Above</i>				2,109,810
Botstein, David	3466092						895,952
Botstein, David	3466093						2,481,901
Botstein, David	3466094						273,454
Botstein, David	3466095						602,815
Bialek, William	3464027	Grant	Theoretical physics meets experimental neuroscience: A program for postdoctoral fellows at Princeton University	The Swartz Foundation	09/01/2009	08/31/2011	235,000
Shvartsman, Stanislav Y	3464026	Grant	Multiscale Mechanisms of Epithelial Patterning and Morphogenesis: Theory and Experiments	Int. Human Frontier Sci. Prog. Org. (IHFSP)	09/01/2009	08/31/2013	443,695
Tavazoie, Saeed	3466071	Grant	Predictive Learning of Transcriptional Networks	National Institutes of Health	06/17/2009	05/31/2012	1,138,340
Shaevitz, Joshua W	3466069	Grant	CAREER: Organization and Force Production in Bacteria	National Science Foundation	03/01/2009	02/28/2014	943,275
Llinas, Manuel	3466068	Grant	Regulation of Plasmodium Falciparum Transcription	National Institutes of Health	02/15/2009	01/31/2014	2,154,899
Dolinski, Kara J	3466066	Grant	Gene Ontology Consortium	The Jackson Laboratory	03/01/2008	02/28/2012	897,905
Storey, John D	3466065	Grant	Glue Grant: Inflammation and the Host Response to Injury	Massachusetts General Hospital	02/01/2008	08/31/2012	532,234
Tavazoie, Saeed	3466064	Grant	Towards a Cognitive Framework for Understanding Cellular Behavior	National Institutes of Health	09/30/2008	07/31/2011	1,432,192
Murphy, Coleen T	3466063	Grant	Slowing the Ticking Clock: C. Elegans Screens for Reproductive Aging Regulators	National Institutes of Health	09/30/2008	06/30/2013	2,415,000
Tank, David W	3466062	Grant	Imaging and Stimulation of Neural Activity at Cellular Resolution in Awake Mice	National Institutes of Health	09/08/2008	06/30/2013	1,452,826
Shaevitz, Joshua W	3464024	Grant	Biophysics of Bacterial Gliding Motility	Human Frontier Science Program Org. (HFSP)	09/01/2008	08/31/2011	375,000
Storey, John D	3466059	Grant	Statistical Methods for Genetic Data	National Institutes of Health	07/01/2008	06/30/2013	1,447,143
Murphy, Coleen T	3464023	Grant	Molecular Characterization of Long-Term Memory Maintenance with Age	McKnight Endowment Fund for Neuroscience	07/01/2008	06/30/2013	225,000
Murphy, Coleen T	3464022	Grant	Molecular Characterization of Long-Term Memory Maintenance with Age	Keck Foundation (The W. M.)	07/01/2008	06/30/2013	1,001,835
Troyanskaya, Olga G	3466044	Grant	Predicting and testing gene function in the human cell division cycle	Dartmouth College	08/20/2007	05/31/2012	288,994
Llinas, Manuel	3466043	Grant	Novel Antimalarial Strategies Using Metabolomic Network Discovery	National Institutes of Health	09/30/2007	08/31/2012	2,370,000
Rabinowitz, Joshua D	3466040	Grant	Quantitative Tools for Dissection of Hydrogen-Producing Metabolic Networks	DOE - Chicago	09/15/2007	09/14/2011	648,203
Dismukes, Gerard C Rabitz, Herschel A							
Dismukes, Gerard	3466041						393,902
Rabitz, Herschel A	3466042						457,895
Murphy, Coleen T							

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Rabinowitz, Joshua D Coller, Hilary A Shenk, Thomas E Troyanskaya, Olga G	3466036	Grant	Metabolomics of the Virus-host Cell Interaction	National Institutes of Health	08/15/2007	07/31/2012	1,235,580
Llinas, Manuel	3464017	Grant	Global Analysis of the Plasmodium Falciparum Metabolome	The Burroughs Wellcome Fund	07/01/2007	06/30/2014	500,000
Rabinowitz, Joshua D	3466035	Grant	CAREER: Quantitative Principles Governing the Cellular Metabolic Network	National Science Foundation	04/01/2007	03/31/2013	1,144,276
Kruglyak, Leonid	3466034	Grant	Quantitative Methods for Linkage and Associated Studies	National Institutes of Health	01/01/2007	11/30/2012	1,888,019
Bialek, William	3464015	Grant	Theoretical Physics Meets Experimental Neuroscience: A Program for Postdoctoral Fellows at Princeton University	The Swartz Foundation	09/01/2006	08/31/2011	360,000
Bialek, William Berry, Michael J	3466032	Grant	Combinatorial and collective coding in the retina	National Science Foundation	09/15/2006	08/31/2011	780,000
Shvartsman, Stanislav Y Schupbach, Gertrud M	3466031	Grant	Genome wide analysis and modeling of signal integration in the Drosophila ovary	National Institutes of Health	08/01/2006	07/31/2012	977,920
Tank, David W	3466030	Grant	Mechanisms of Persistent Activity in a Neural Integrator	National Institutes of Health	06/01/2006	05/31/2012	1,880,039
Bialek, William Tank, David W Wieschaus, Eric F	3466029	Grant	Dynamics, Scaling, and Precision of Morphogen Gradients in the Drosophila Embryo	National Institutes of Health	04/05/2006	03/31/2012	1,160,743
Singh, Mona	3466028	Grant	Predicting and Analyzing Protein Interaction Networks	National Institutes of Health	02/18/2006	01/31/2012	1,296,897
Shvartsman, Stanislav Y	3466014	Grant	CAREER: Quantitative Analysis of Morphogen Gradients in Developing Tissues	National Science Foundation	02/15/2005	01/31/2012	400,000
Kruglyak, Leonid	3464004	Grant	Gene Mapping & Beyond: The Role of Theory in Human Genetics	James S. McDonnell Foundation	02/01/2005	12/01/2014	1,062,835

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Linke, Daniel J	6906116	Grant	The American Civil Liberties Union (ACLU) Modern Records Detailed Processing Projecy	National Archives & Records Administration	07/01/2010	06/30/2012	122,848
Magier, David S	6906115	Grant	The Yemen Manuscript Digitization Initiative	National Endowment for the	06/01/2010	10/31/2013	209,056

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Gabai, David Ozsvath, Peter S Szabo, Zoltan	2156489	Grant	Crossroads in Topology	National Science Foundation	05/01/2012	04/30/2013	30,000
Oh, Choonghong	2154075	Grant	AMS-Simons Travel Grant Program	American Mathematical Society	09/01/2011	08/31/2013	800
Lie, Victor D	2154076	Grant	AMS-Simons Travel Grant Program	American Mathematical Society	09/01/2011	08/31/2013	800
Ionescu, Alexandru D	2154074	Grant	Packard Foundation Fellowship Grant	The David and Lucile Packard	06/01/2011	05/31/2014	145,220
Gilmore, Allison L	2156483	Grant	NSF Institutional Allowance	National Science Foundation	09/21/2011	09/20/2014	5,000
Frank, Rupert L	2156482	Grant	Mathematical Analysis in Condensed Matter and Atomic Physics	National Science Foundation	08/15/2011	07/31/2014	183,194
Lan, Kai-Wen	2156481	Grant	Torsion boundary cohomology of PEL-type Shimura varieties	National Science Foundation	08/15/2011	09/30/2012	40,946
Baldwin, John A	2156480	Grant	Contact structures, open books, and connections between Heegaard Floer homology and the Khovanov-Rozansky link	National Science Foundation	08/01/2011	08/31/2012	20,540
Templier, Nicolas P	2154073	Grant	Analytic Theory of Automorphic Forms	The Simons Foundation	07/01/2011	10/31/2013	7,000
Chen, Szu-Yu	2156479	Grant	Partial Regularity and Rigidity Problems Associated to Geometric Elliptic Systems	National Science Foundation	06/01/2011	05/31/2014	161,912
Klainerman, Sergiu Ionescu, Alexandru D Pretorius, Frans Rodnianski, Igor	2156477	Grant	FRG:Mathematical Theory of Gravitational Collapse in General Relativity	National Science Foundation	07/01/2011	06/30/2014	1,440,506
Klainerman, Ionescu, Alexandru Pretorius, Frans Rodnianski, Igor	2156478						30,000
Katz, Nicholas M	2156476	Grant	Studies in Arithmetic Algebraic Geometry	National Science Foundation	07/01/2011	06/30/2014	180,000
Chang, Sun-Yung A Yang, Paul C	2156475	Grant	Non-linear Partial Differential Equations in Geometry	National Science Foundation	07/01/2011	06/30/2014	790,000
Wienhard, Anna K	2156474	Grant	FRG: Deformation of spaces of Geometric Structures	National Science Foundation	07/01/2011	06/30/2014	213,962
Fefferman, Charles L Ionescu, Alexandru D	2156472	Grant	Analysis and Applications: A Conference in Honor of Elias Stein	National Science Foundation	01/01/2011	12/31/2011	50,000
Della Vedova, Alberto	2154072	Grant	Marie Curie Fellowship PIOF2009 - Project no. 255579 (CAMEGEST)	Universita degli Studi di Parma	09/01/2010	08/31/2012	9,688
Case, Jeffrey S	2156471	Grant	NSF Institutional Allowance	National Science Foundation	09/01/2010	08/31/2011	2,500
Wang, Bing	2156469	Grant	Investigation of Ricci Flows with Bounded Scalar Curvature	National Science Foundation	09/15/2010	02/29/2012	42,389
Streets, Jeffrey D	2156470	Grant	Geometric Flows and Four-Dimensional Geometry	National Science Foundation	09/15/2010	11/30/2011	34,017
Salehi Golsefidy, Alireza	2156468	Grant	Discrete subgroups of semisimple Lie groups	National Science Foundation	09/01/2010	10/31/2011	20,715
Chang, Sun-Yung A	2154070	Grant	Simons Postdoctoral Fellowship Program	The Simons Foundation	07/01/2010	06/30/2014	520,550
Chang, Sun-Yung	2154071						54,192
Bhargava, Manjul	2156467	Grant	The Parameterization of Algebraic Structures, and Applications	National Science Foundation	07/01/2010	06/30/2013	380,776

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Gabai, David	2156466	Grant	Problems in Low Dimensional Geometry and Topology	National Science Foundation	07/01/2010	06/30/2015	790,971
Szabo, Zoltan	2156465	Grant	Low Dimensional Topology and Heegaard Floer Homology	National Science Foundation	07/01/2010	06/30/2013	486,956
Pandharipande, Rahul V	2156463	Grant	Algebraic Geometry of Moduli Spaces	National Science Foundation	07/01/2010	09/30/2013	304,963
Singer, Amit	2154069	Grant	Alfred PI Sloan Research Fellowship	Alfred P. Sloan Foundation	09/15/2010	09/15/2014	50,000
Kollar, Janos	2156462	Grant	FRG:Collaborative Research: Arithmetic and Geometry of Rational Curves on K3 Surfaces	National Science Foundation	07/01/2010	06/30/2013	250,000
Rodnianski, Igor	2156461	Grant	General Relativity and Geometric Hyperbolic PDEs	National Science Foundation	07/01/2010	06/30/2013	499,266
Damron, Michael K	2156460	Grant	NSF Institutional Allowance	National Science Foundation	07/01/2009	06/30/2013	1,667
Wienhard, Anna K	2156459	Grant	CAREER: Higher Teichmuller Theory	National Science Foundation	08/15/2009	07/31/2015	400,001
Gabai, David	2156457	Grant	FRG: Collaborative Research: Mean Curvature Flow as a Tool in Low Dimensional Topology	National Science Foundation	07/31/2009	07/31/2013	409,903
Gabai, David	2156458						25,000
Fefferman, Charles L Stein, Elias M	2156455	Grant	ARRA: Fourier Analysis and Partial Differential Equations	National Science Foundation	07/15/2009	06/30/2013	959,415
Okounkov, Andrei	2156454	Grant	FRG: Collaborative Research: Quantum Cohomology, Quantized Algebraic Varieties, and Respresentation Theory	National Science Foundation	07/01/2009	06/30/2013	378,027
Skinner, Christopher M	2156453	Grant	ARRA: FRG: Automorphic Forms, Galois Representations, Periods and p-Adic L-functions	National Science Foundation	07/01/2009	06/30/2013	119,969
Damron, Michael K	2156452	Grant	ARRA: Dynamics of Multidimensional Symbolic Systems	National Science Foundation	07/01/2009	06/30/2013	158,522
Warren, Micah W	2156451	Grant	ARRA - Hessian and Special Lagrangian Equations	National Science Foundation	07/01/2009	06/30/2013	145,698
Sinai, Yakov G	2156450	Grant	Ergodic and Statistical Phenomena in Dynamics	National Science Foundation	06/01/2009	05/31/2013	622,898
Klainerman, Sergiu	2156449	Grant	Mathematical Problems in General Relativity	National Science Foundation	07/01/2009	06/30/2013	540,229
Baldwin, John A	2156448	Grant	NSF Institutional Allowance	National Science Foundation	09/22/2008	09/27/2011	780
Beliaev, Dmitri	2156447	Grant	Random Fractals and Harmonic Measure	National Science Foundation	08/15/2008	07/31/2012	126,592
Chang, Sun-Yung A Yang, Paul C	2156444	Grant	Partial Differential Equations in Conformal and CR Geometry	National Science Foundation	07/01/2008	06/30/2013	719,392
Tian, Gang	2156443	Grant	Geometry and Analysis of Manifolds	National Science Foundation	07/01/2008	06/30/2013	830,172
Fefferman, Charles L Klartag, Bo'az B	2156442	Grant	Fitting Smooth Surfaces to Data	Office of Naval Research	03/01/2008	03/31/2012	398,950
Fefferman, Charles L Klartag, Bo'az B	2156473						36,940
Fefferman, Charles L Klartag, Bo'az B	2156484						41,842
Lindenstrauss, Elon B Sarnak, Peter C	2156441	Grant	Rigidity, entropy and arithmetic in homogeneous dynamics	National Science Foundation	07/01/2008	06/30/2013	522,012
Sarnak, Peter C	2156440	Grant	An Affine Sieve	National Science Foundation	07/01/2008	06/30/2013	750,000

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Skinner, Christopher M	2156439	Grant	Equations and Automorphic Forms	National Science Foundation	05/01/2008	04/30/2013	431,188
Kollar, Janos	2156438	Grant	Higher dimensional varieties and their applications	National Science Foundation	07/01/2008	06/30/2014	675,002
Norin, Sergey	2156431	Grant	Pfaffian Orientations, Graph Coloring and the Theory of Riemann Surfaces on Graphs	National Science Foundation	09/01/2007	08/31/2011	101,276
Szabo, Zoltan	2156428	Grant	Heegaard Floer Homology and Low Dimensional Topology	National Science Foundation	07/01/2007	06/30/2012	627,001
Rodnianski, Igor	2156425	Grant	General Relativity and Geometric Hyperbolic PDEs	National Science Foundation	07/01/2007	06/30/2012	138,095
Warzel, Simone	2156424	Grant	Analysis of Quantum Many-Particle Systems with Disorder	National Science Foundation	06/01/2007	05/31/2013	140,577
Katz, Nicholas M	2156423	Grant	Arithmetic Algebraic Geometry	National Science Foundation	07/01/2007	12/31/2011	352,823
Skinner, Christopher M	2156422	Grant	L-values, Selmer groups, and automorphic forms	National Science Foundation	07/01/2007	06/30/2013	471,997
Klainerman, Sergiu	2156415	Grant	Evolution problem in General Relativity	National Science Foundation	08/15/2006	07/31/2011	252,171
Szabo, Zoltan	2156412	Grant	Homological Invariants of Knots and Three-Manifolds	National Science Foundation	07/01/2006	06/30/2012	121,545
Lindenstrauss, Elon B	2156409	Grant	FRG: Collaborative Research: Arithmetic and Equidistribution on Homogeneous Spaces	National Science Foundation	06/01/2006	05/31/2012	388,177
Sarnak, Peter C							
Klainerman, Sergiu	2156398	Grant	EMSW21-RTG: Integrated Approach to Graduate Training in Analysis and Geometry	National Science Foundation	09/01/2005	08/31/2012	1,494,246
Chang, Sun-Yung A							
Rodnianski, Igor							
Stein, Elias M							
Tian, Gang							
Gabai, David	2156395	Grant	Low Dimensional Topology and Hyperbolic Geometry	National Science Foundation	07/01/2005	06/30/2012	511,088
Pandharipande, Rahul V	2156393	Grant	Gromov-Witten Theory, Donaldson-Thomas theory, and the Moduli Space of Curves	National Science Foundation	07/01/2005	07/31/2012	554,708
Bhargava, Manjul	2154063	Grant	The David and Lucille Packard Foundation award to Manjul Bhargava	The David and Lucille Packard	10/21/2004	10/20/2011	620,000
Bhargava, Manjul	3484000						55,000

Contributions Made to Other Units :

Applied and Computational Math

Peter Constantin

Ingrid C Daubechies

Weinan E

Paul D Seymour

Amit Singer

Chemical and Biological Engineering

Amit Singer

Physics

Michael Aizenman

Elliott H Lieb

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

Contributions Made to Other Units (cont.) :

PRISM

Weinan E

Princeton Institute for Computational Science and Engineering (PICSciE)

Manjul Bhargava

Princeton Neuroscience Institute

Ingrid C Daubechies

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Mechanical and Aerospace Engineering

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Smits, Alexander J Hultmark, Marcus N Stone, Howard A	1506176	Grant	Super-Hydrophobic Surface for Skin Friction Drag Reduction in High Reynolds Number Turbulent Flow-Additional Task dated June 1, 2012 to Slippery Liquid-Infused Porous Surfaces (SLIPS) for Turbul....	Office of Naval Research	06/16/2012	06/15/2015	392,932
Smits, Alexander J Hultmark, Marcus N Stone, Howard A	1506182						20,034
Hultmark, Marcus Smits, Alexander J	1506202						28,954
Smits, Alexander J Hultmark, Marcus N Stone, Howard A	1506174	Grant	ONR: MURI: Slippery Liquid-Infused Porous Surfaces (SLIPS) for Turbulent Drag Reduction at High Reynolds Number	Office of Naval Research	06/01/2012	05/31/2017	2,011,111
Smits, Alexander J Hultmark, Marcus N Stone, Howard A	1506177						119,907
Smits, Alexander J Hultmark, Marcus N Stone, Howard A	1506179						118,982
Smits, Alexander J	1506172	Grant	Understanding and Predicting Shockwave and Turbulent Boundary Layer Interactions--Heat Transfer Effects, Real Gas Effects and Development of Large Eddy Simulations	University of Maryland	06/01/2012	06/30/2013	65,537
Choueiri, Edgar Y	1506169	Contract	A New Plasma Propulsion Concept Based on Direct Ion Acceleration with Beating Electrostatic Waves	Cal Tech - Jet Propulsion Lab (JPL)	06/13/2012	04/11/2013	93,000
Miles, Richard B	1504378	Contract	Lockheed Martin ATL and Princeton University Collaboration on Laser Generated RF/MW	Lockheed Martin Corporation	06/04/2012	12/04/2012	50,000
Kasdin, N. Jeremy	1504377	Contract	Design and Manufacture of CHARIS: An Integral Field Spectrograph for Exoplanet Observation for Subaru Telescope	Subaru Telescope, NAOJ	04/02/2012	03/29/2013	1,243,929
Smits, Alexander J	1506167	Grant	DURIP: Equipment to Study the Hydrodynamics of Bio-Inspired Propulsion Systems	Office of Naval Research	06/01/2012	06/14/2013	168,221
Dogariu, Arthur Miles, Richard B	1506166	Contract	Real-Time Standoff Trace Explosives Detection and Imaging with CARS	The Johns Hopkins University	05/30/2012	03/31/2013	100,000
Kasdin, N. Jeremy Spergel, David N Vanderbei, Robert J	1506164	Grant	Verifying Deployment Tolerances of an External Occulter for Starlight Suppression	NASA Headquarters - Washington	03/01/2012	02/28/2014	514,175
Ju, Yiguang Elasrag, Hossam A	1506163	Grant	Multiscale Adaptive Large Eddy Simulation and Direct Numerical Simulation of Turbulent-Chemistry Interaction of Stratified Charge Ignition of JP-8 and Diesel Surrogate Fuels	Army Research Office	05/01/2012	05/30/2015	238,595
Ju, Yiguang	1506162	Grant	The 1st International Workshop on Flame Chemistry	Air Force Office of Scientific Research	04/01/2012	07/28/2013	7,000
Miles, Richard B	1506161	Grant	Diagnostics of Unseeded Air and Nitrogen Flows by Molecular Tagging	Air Force Office of Scientific Research	04/15/2012	04/15/2015	510,000

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Mechanical and Aerospace Engineering (2)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Ju, Yiguang Won, Sang Hee	1506160	Grant	Studies of Turbulent Flame Propagation and Chemistry Interaction at Elevated Temperature and Large Reynolds Numbers	Air Force Office of Scientific Research	04/01/2012	03/31/2013	180,000
Starikovskiy, Andrey Y	1506159	Contract	Boundary Layer-Shock Wave Interaction Control by Plasma Actuators in High-Speed Flow	Tech-X Corporation	02/13/2012	08/12/2012	30,000
Miles, Richard B	1506158	Contract	Flow Test of Contoured Nozzle Configuratinos for Shape Morphing Design Optimization	Teledyne Technologies, Inc.	03/01/2012	09/25/2012	20,000
Rowley, Clarence W	1506157	Grant	Identifying the Flow Physics and Modeling Transient Forces on Two-Dimensional Wings (Revised Budget 11-22-2011)	Air Force Office of Scientific Research	03/15/2012	03/14/2015	616,439
Miles, Richard B	1504376	Contract	Lockheed Martin ATL and Princeton University Collaboration on Laser Generated RF/MW	Lockheed Martin Corporation	02/20/2012	05/22/2012	15,000
Glaser, Alexander	1504375	Grant	Global Zero Warhead Verification Project in Partnership with Princeton University's Nuclear Futures Laboratory	The Simons Foundation	10/01/2011	09/30/2013	162,499
Starikovskiy, Andrey Y	1504374	Grant	Physics and Chemistry of Plasma-Assisted Combustion	Partner University Fund	08/01/2011	07/31/2014	47,045
Kasdin, N. Jeremy	1504373	Contract	Conceptual Design Studies of an Integral Field Spectrograph for Exoplanet Observations for Subaru Telescope	Subaru Telescope, NAOJ	10/01/2011	03/31/2012	21,506
Choueiri, Edgar Y	1504372	Contract	Research on Advanced Audio Techniques and Applied Acoustics	SCA IPLA Holdings Inc.	01/01/2012	12/31/2014	3,000,000
Dryer, Frederick L	1506151	Grant	High Carrier Density, Fast Switching Microscale Plasmas Enabled by Exploitation of Plasma Instabilities and High Pressures	Texas Engineering Experiment Station	11/15/2011	11/14/2013	277,000
Ju, Yiguang Dryer, Frederick L	1506152	Contract	Measurements of Flame Speeds and Minimum Flame Initiation Radius of Jet Fuels at Normal and Reduced Pressures	Innovative Scientific Solutions, Inc.	11/16/2011	11/15/2012	109,500
Dryer, Frederick L Ju, Yiguang	1506156						109,500
Miles, Richard B	1506150	Grant	Standoff Detection of Trace Molecules by Remote High Gain Backward Lasing in Air	Office of Naval Research	11/01/2011	10/31/2014	835,435
Rowley, Clarence W	1506149	Contract	Toward a Virtual Flight Test Capability	Clear Science Corporation	10/15/2011	07/14/2012	29,626
Smits, Alexander J	1506147	Grant	NIA Activity 2877: Trip Wire-Inducted Transition in Supersonic/Hypersonic Boundary Layers	National Institute of Aerospace	09/01/2011	05/31/2012	32,038
Starikovskiy, Andrey Y	1506146	Contract	Experimental Analysis of Dielectric Barrier Discharge Plasma Actuators at Atmospheric and Sub-Atmospheric Pressures	Tech-X Corporation	10/01/2011	05/31/2013	80,000
Law, Chung K	1506141	Grant	Development of Detailed and Reduced Kinetic Mechanisms for Surrogates of Petroleum-Derived and Synthetic Jet Fuels--Tishkoff	University of Southern California	09/01/2011	08/31/2014	314,514
Stone, Howard A Christov, Ivan C	1506139	Grant	NSF Postdoctoral Fellowship-Institutional Allowance for Ivan Christov 09/06/2011: Particle dispersal in dense granular flows: Theory and experiment	National Science Foundation	09/01/2011	08/31/2013	5,250
Miles, Richard B	1506140	Contract	Nonintrusive Diagnostics for Off-Body Measurements in Flight	Southwest Sciences, Inc.	09/15/2011	07/14/2012	38,000
Suckewer, Szymon	1506138	Grant	Compact Ultraintense Femtosecond Laser via Raman Backscattering in Plasma	DOE - Chicago	08/01/2011	07/31/2014	389,332
Miles, Richard B	1506137	Contract	Femtosecond Laser Excitation Tagged Anemometry (FLETA) for Imaging Velocity Fields in Supersonic Jet Plumes	Princeton Scientific Instruments, Inc.	08/15/2011	03/15/2012	21,833
Leonard, Naomi E	1506136	Grant	CPS: Medium: Collaborative Research: Remote Imaging of Community Ecology via Animal-borne Wireless Networks	National Science Foundation	09/15/2011	08/31/2015	400,000

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Mechanical and Aerospace Engineering (3)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Choueiri, Edgar Y Jorns, Benjamin A	1506135	Grant	"A Technique for Measuring Coherent Fluctuations in a Hall Thruster with Laser-Induced Fluorescence," NASA GSRP, Ben Jorns-	NASA Goddard Space Flight Center	09/12/2011	09/11/2012	30,000
Choueiri, Edgar Y	1506134	Grant	Plasma/Electrode Interactions in Plasma Propulsion and High Current Density Environments	Air Force Office of Scientific Research	09/01/2011	08/31/2016	1,230,000
Suckewer, Szymon	1506133	Grant	Lasing Without Inversion in He and He-like Ions in XUV & X-Ray Regions	National Science Foundation	09/01/2011	08/31/2014	524,795
Stone, Howard A	1506132	Grant	Elastocapillary Dynamics During Wetting and Drying of Sheets and Fibers	National Science Foundation	08/15/2011	07/31/2014	279,168
Shneider, Mikhail	1506131	Contract	Simulation Tool for Dielectric Barrier Discharge Plasma Actuators at Atmospheric and Sub-Atmospheric Pressures--Phase II	Tech-X Corporation	06/01/2011	05/31/2013	19,727
Stone, Howard A	1504369	Contract	Wetting and Drying of Rough Fibres and Fibre Bundles	Unilever R&D, Port Sunlight	09/01/2011	08/31/2013	380,000
Kasdin, N. Jeremy	1506130	Contract	Advanced Speckle Sensing for Internal Coronagraphs (AASIC)	Ball Aerospace and Technologies Corp.	06/01/2011	09/30/2012	145,417
Smits, Alexander J	1506129	Grant	Equipment for the Non-Intrusive Measurement of Hydrodynamic Forces at High Reynolds Number	Office of Naval Research	07/15/2011	06/30/2013	358,099
Starikovskiy, Andrey Y	1504367	Contract	Physics of Plasma Actuator	The Boeing Company	07/01/2011	06/30/2012	140,000
Stone, Howard A Bassler, Bonnie L Silhavy, Thomas J Wingreen, Ned S	1506128	Grant	The Influence of Quorum Sensing and Flow on the Organization of Biofilm Streamers	National Science Foundation	08/01/2011	07/31/2014	632,342
Stone, Howard A Ramon, Guy	1504368	Contract	Marie Curie Fellowship: Biofilms and Flow: An integrative study on the distribution, morphology & composition of biofilms under the influence of secondary flows around flow obstructions	Technion - Israel Institute of	09/01/2011	08/31/2013	27,235
Miles, Richard B	1506127	Grant	Silicon Carbide Semiconductor Enhanced DBD Surface Device for Flow Control and Ignition Enhancement for Small-Scale Mobile Power Units	SPAWARSYSCEN PACIFIC	07/06/2011	12/31/2012	340,000
Ju, Yiguang	1506126	Contract	Multi-Timescale Dynamic Adaptive Modeling of JP-8 Combustion (Phase II)	Combustion Science & Engineering,	05/01/2011	10/30/2013	100,000
Kasdin, N. Jeremy	1506125						7,650
Kasdin, N. Jeremy	1506124	Contract	Laboratory Verification of Occulter Optical Performance for Planet Finding Telescopes	Cal Tech - Jet Propulsion Lab (JPL)	04/27/2011	03/25/2012	20,000
Dryer, Frederick L Ju, Yiguang	1506123	Cooperative Agreement	ARRA: Kinetic Model for Syngas and High Hydrogen Content Fuels at Elevated Pressures and Temperatures for Gas Turbine Applications: NOx Experimental Validation Database and Model	Siemens Power Generation	04/01/2011	03/31/2013	248,633
Miles, Richard B	1506122	Grant	Sub-Orbital Flight Program, Mentored Research, and Graduate Fellowships	Rutgers University	08/13/2010	08/31/2013	140,236
Kasdin, N. Jeremy Choueiri, Edgar Y	1504364	Contract	Potential of Electric Propulsion on Future Geostationary Satellite Architectures	SES Engineering	07/01/2011	06/30/2013	466,000
Smits, Alexander J	1506120	Grant	Fundamentals of Wall-Bounded Turbulence at Extreme Reynolds Numbers	National Science Foundation	03/15/2011	02/28/2014	300,000

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Mechanical and Aerospace Engineering (4)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Miles, Richard B	1506119	Grant	Innovative Energy Deposition for Improving the Control Effectors and Performance of High Speed Vehicles	Spectral Energies LLC	01/01/2011	09/30/2011	33,000
Stone, Howard A	1504363	Contract	Microfluidics for Identification/Assessment of the Response of Olfaction/Taste Receptors	Firmenich SA	01/01/2011	06/30/2013	500,000
Carter, Emily A Toroker, Maytal C	1504362	Grant	Marie Curie Fellowship: Solar Cell Materials: Electronic Structure Methodology Reveals New Materials for Solar Cells	Technion - Israel Institute of	06/01/2010	05/30/2012	193
Suckewer, Szymon	1506117	Grant	EAGER: Creation of Elongated Plasma Channel of Small Diameter and Study of Low Loss Propagation of Ultra-intense Laser Pulses	National Science Foundation	10/01/2010	09/30/2011	120,000
Ju, Yiguang Dryer, Frederick L	1506116	Grant	University Capstone Project: Enhanced Initiation Techniques for Thermochemical Energy Conversion	Air Force Office of Scientific Research	09/30/2010	09/29/2012	274,996
Martinelli, Luigi Rowley, Clarence W	1506114	Grant	FAA Joint University Program for Air Transportation--Proposal for Activities by Princeton University	Federal Aviation Agency (DOT)	08/09/2010	08/30/2013	450,000
Miles, Richard B	1506113	Grant	DURIP: High Power, Pulsed Microwave Source for Plasma Enhanced Combustion Research	Air Force Office of Scientific Research	09/01/2010	02/29/2012	108,982
Rowley, Clarence W	1506112	Grant	Multi-Scale Uncertainty Propagation in Dynamical Systems	University of California at Santa	05/01/2010	04/30/2013	225,000
Law, Chung K	1506110	Grant	Flame Dynamics and Reduced Chemistry in LRE Combustion Instability	Georgia Institute of Technology	05/01/2010	04/30/2013	300,000
Kasdin, N. Jeremy	1506111	Grant	Adaptive Algorithms for Efficient Wavefront Control in High Contrast Imaging (A.J. Riggs)	NASA Headquarters - Washington	09/01/2010	11/30/2012	60,000
Kasdin, N. Jeremy Spergel, David N Vanderbei, Robert J	1506108	Grant	ROSES 2009 D.11: Starshades for Exoplanet Imaging and Characterization: Key Technology Development	NASA Headquarters - Washington	02/19/2010	02/18/2013	523,713
Law, Chung K	1506104	Grant	Physical and Chemical Processes in Flames--Renewal 3-15-2009	Air Force Office of Scientific Research	05/15/2010	05/14/2013	405,000
Law, Chung K	1506165						210,000
Stone, Howard A Aristoff, Jeffrey M	1506101	Grant	Mathematical Sciences Postdoctoral Fellowship - Jeffrey M. Aristoff	National Science Foundation	10/01/2009	09/30/2013	4,400
Ju, Yiguang Dryer, Frederick L	1506097	Contract	Chemical Kinetics of Jet Fuel Flames in Vitiated Flows at Low Pressure: Experiments and Reduced Kinetic Models	Combustion Science & Engineering,	11/01/2009	06/03/2013	18,171
Ju, Yiguang Dryer, Frederick L	1506098						81,829
Ju, Yiguang	1506142						34,851
Dryer, Frederick L							30,281
Ju, Yiguang	1506144						65,149
Dryer, Frederick L	1506145						119,719
Ju, Yiguang Dryer, Frederick L	1506096	Grant	An Experimental and Chemical Kinetics Study of the Combustion of Syngas and High Hydrogen Content Fuels	The Pennsylvania State University	10/01/2009	09/30/2013	319,999
Stone, Howard A	1504358	Contract	Physical Studies of Hair Mechanics and Friction: Stress Development During Wetting, Drying and "Combing"	Unilever R&D, Port Sunlight	10/01/2009	09/30/2011	370,000
Stone, Howard A	1504357	Contract	Microstructurally Stabilized Foams: Particle	Unilever Research U.S. - Edgewater Laboratory	08/17/2009	08/16/2011	300,000

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Mechanical and Aerospace Engineering (5)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Dryer, Frederick L	1506093	Cooperative Agreement	Scientific Support for a Space-Based Droplet Burning Experiment	NASA Glenn Research Center	09/01/2009	08/31/2013	440,000
Stone, Howard A	1506092	Grant	ARRA: Thin-Film Flows Over Topographically Patterned Surfaces: Free-Surface Characteristics, Atomization, and Cleaning	National Science Foundation	07/01/2009	08/31/2012	238,680
Law, Chung K	1506091	Cooperative Agreement	Structure and Response of Spherical Diffusion Flames (Renewal June 2009)	NASA Glenn Research Center	10/01/2009	09/30/2014	375,000
Rowley, Clarence W	1506073	Grant	"Collaborative Research: IDR--Model-Based Feedback Control of Transient Growth in a Laminar Boundary Layer: Bridging the Gap Between CFD and Expermi....	National Science Foundation	09/01/2009	08/31/2013	314,735
Ju, Yiguang	1506077						214,682
Dryer, Frederick L	1506078						167,731
Law, Chung K	1506079						74,251
Law, Chung K	1506087						152,092
Law, Chung K	1506088						2,652
Law, Chung K	1506089						87,055
Law, Chung K	1506100						27,041
Law, Chung K	1506109						75,359
Miles, Richard B	1506070	Grant	Fundamental Mechanisms, Predictive Modeling, and Novel Aerospace Applications of Plasma-Assisted Combustion	Ohio State University	08/01/2009	07/31/2014	2,092,773
Ju, Yiguang							
Shneider, Mikhail							
Starikovskiy, Andrey Y							
Ju, Yiguang	1506071						524,727
Starikovskiy, Andrey Y	1506118						617,500
Shneider, Mikhail	1506069	Grant	ARRA: Physics-Based Model of Blue Jets	National Science Foundation	06/15/2009	05/31/2012	93,932
Leonard, Naomi E	1506065	Grant	Bio-Inspired Autonomous Control for Optimal Exploration and Exploitation in Marine Environments--Revision March 2009	Office of Naval Research	07/01/2009	12/31/2013	2,214,889
Couzin, Iain D							
Couzin, Iain D	1506066						583,111
Leonard, Naomi E	1506153						593,574
Couzin, Iain D							
Couzin, Iain D	1506154						377,426
Rowley, Clarence W	1506063	Grant	An Integrated Approach to Separation Control: Flow Physics, Nonlinear Dynamics and Effective Control Strategies	University of Florida	03/01/2009	11/30/2013	282,484
Suckewer, Szymon	1504355	Contract	Research Agreement Between Texas Engineering Experiment Station and Princeton University: Administrative Support	Texas Engineering Experiment Station	01/01/2009	12/31/2012	71,712
McAlpine, Michael C	1506062	Grant	Biomimetic Nanosensor Arrays for Selective Small Molecule Detection	Air Force Office of Scientific Research	03/01/2009	11/30/2011	299,939
Miles, Richard B	1506060	Grant	New Methods for Quantitative High-Speed Flow Diagnostics that are Non-Intrusive and Without Seeding	Air Force Office of Scientific Research	03/01/2009	11/30/2011	597,322

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Mechanical and Aerospace Engineering (6)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Smits, Alexander J	1506056	Grant	High Reynolds Number Turbulence	Office of Naval Research	12/01/2008	05/31/2013	637,230
Smits, Alexander J	1506155						133,600
Kasdin, N. Jeremy	1506050	Grant	Achieving Polychromatic High-Contrast Using Hybrid Shaped Pupil and Pupil Remapping Coronagraphs with Multiple Deformable Mirrors	NASA Headquarters - Washington	11/10/2008	11/09/2013	908,067
Law, Chung K	1506049	Grant	Spray and Combustion of Gelled Hypergolic Propellants for Future Rocket and Missile Engines	The Pennsylvania State University	05/01/2008	04/30/2013	675,625
Law, Chung K	1506047	Grant	Combustion Studies of Nanocatalysts in Propulsion	University of Utah	05/01/2008	07/31/2013	700,000
Smits, Alexander J	1506046	Grant	"Towards a Mission-Configurable Stealth Underwater Batoid."	University of Virginia	05/19/2008	04/30/2013	765,582
Smits, Alexander J	1506121						91,631
Suckewer, Szymon	1506037	Grant	Demonstration Lasing in "Water Window" at 3.4 nm in Transition to Ground State of CVI Ions	National Science Foundation	05/01/2008	01/31/2012	329,481
Martin, Pino	1506031	Cooperative Agreement	Turbulence and Radiation Coupling in Hypersonic Turbulent Boundary Layers	The Pennsylvania State University	10/01/2007	09/30/2011	107,085
Martin, Pino	1506055						120,242
Law, Chung K	1506020	Grant	Ignition Kinetics of Hydrocarbons and Propellants	Army Research Office	07/15/2007	07/14/2011	363,891
Law, Chung K	1506115						57,840
Leonard, Naomi E Cohen, Jonathan D Holmes, Philip J Prentice, Deborah A	1506016	Grant	Behavioral Dynamics in the Cooperative Control of Mixed Human/Robotic Teams	Trustees of Boston University	05/01/2007	06/30/2012	3,454,900
Dryer, Frederick L Ju, Yiguang	1506015	Grant	Science-Based Design of Fuel-Flexible Chemical Propulsion/Energy Conversion Systems	Air Force Office of Scientific Research	07/01/2007	06/30/2012	6,480,333
Dryer, Frederick L Ju, Yiguang	1506018						919,006
Dryer, Frederick L Ju, Yiguang	1506053						276,370
Suckewer, Szymon	1506855	Grant	Study of Efficiency of Raman Backscattering Amplification in Plasma DOE - Chicago		06/15/2005	09/30/2011	628,000
Suckewer, Szymon	1506889						5,000

Contributions Made to Other Units :

Applied and Computational Math

Emily A Carter

Mikko P Haataja

Philip J Holmes

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

Contributions Made to Other Units (cont.) :

Astrophysical Sciences

N Jeremy Kasdin

Chemical and Biological Engineering

Frederick L Dryer

Howard A Stone

Civil and Environmental Engineering

Craig B Arnold

Electrical Engineering

Marlan O Scully

Mechanical and Aerospace Engineering

Howard A Stone

Princeton Environmental Institute (PEI)

Craig B Arnold

Alexander Glaser

Naomi E Leonard

Alexander J Smits

Robert H Socolow

Princeton Neuroscience Institute (PNI)

Philip J Holmes

PRISM

Craig B Arnold

Emily A Carter

Frederick L Dryer

Mikko P Haataja

Yiguang Ju

Chung K Law

Michael C McAlpine

Richard B Miles

Winston O Soboyejo

Howard A Stone

Woodrow Wilson School

Alexander Glaser

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Schwarzbauer, Jean E	1266508	Grant	CINJ: Flow Cytometry/Cell Sorting Shared Resource	University of Medicine & Dentistry of NJ (UMDNJ)	03/01/2012	02/28/2013	17,500
Zakian, Virginia A	1266512	Grant	Effects of Pif1 at G-quadruplexes in mitochondrial DNA	NJ Commission on Cancer Research	06/30/2012	06/29/2014	91,000
Kang, Yibin	1266501	Grant	Cancer Center Support Grant: Support for Director of TG/KO Shared Resource	University of Medicine & Dentistry of NJ (UMDNJ)	03/01/2012	02/28/2013	19,413
Enquist, Lynn W	1266488	Grant	National Center for Experimental Neuroanatomy with Neurotropic Viruses	University of Pittsburgh	06/01/2012	05/31/2013	205,765
Bassler, Bonnie L	1264719	Grant	Investigation of Bacterial Quorum-Sensing at the Population-Wide and Single-Cell Level	Human Frontier Science Program Org. (HFSP)	06/01/2012	05/31/2015	14,760
Murthy, Mala	1264721	Grant	Neural Mechanisms Underlying Acoustic Communication	Esther A. & Joseph Klingenstein Fund	06/01/2012	05/31/2015	150,000
Wang, Samuel S	1266485	Grant	A computational study of TBI induced cerebellar damage	New Jersey Commission on Brain Injury Research	06/01/2012	05/31/2015	225,936
Cristea, Ileana M	1264716	Grant	Mass Spectrometry Investigation of Mitochondrial Sirtuins as New anti-Viral Factors	American Society for Mass	05/01/2012	04/30/2013	35,000
Schwarzbauer, Jean E	1266483	Grant	Molecular Analysis of Extracellular Matrix Assembly	National Institutes of Health	05/01/2012	03/31/2017	1,627,360
Hughson, Frederick M	1266478	Grant	Manipulating Quorum Sensing to Control Bacterial Pathogenecity	National Institutes of Health	04/01/2012	03/31/2013	107,978
Bassler, Bonnie L	1266479						112,700
Semmelhack, Martin F	1266480						112,700
Hughson, Frederick M	1266481						64,400
Gavis, Elizabeth R	1266476	Grant	Mechanism of RNA Localization in Drosophila Development	National Institutes of Health	04/01/2012	03/31/2016	1,432,581
Zakian, Virginia A	1266477	Grant	Roles of Pif1 family helicases in Genomic Integrity and Telomere Maintenance	National Institutes of Health	04/01/2012	03/31/2017	236,160
Stundon, Jennifer L							
Wieschaus, Eric F	1266475	Grant	Mechanisms for Measuring the Nucleocytoplasmic Ratio in Early Embryogenesis	National Institutes of Health	04/01/2012	03/31/2015	161,802
Blythe, Shelby A							
Boulanger, Lisa M	1266473	Grant	MHCI Regulation of Synapse Elimination at the Neuromuscular Junction: Implications for SCI	New Jersey Commission on Spinal Cord Research	03/01/2012	02/28/2013	857
Kang, Yibin	1264715	Contract	Testing the Anti-Metastatic Effect of Glycomimetic Small Molecule Compounds that Inhibit E-selectin	GlycoMimetics, Inc.	03/01/2012	02/28/2014	140,000
Gammie, Alison E	1264714	Grant	The Summer Undergraduate Research Program in Molecular and Quantitative and Computational Biology	Genentech Foundation	03/01/2012	08/21/2012	15,000
Tank, David W	1264713	Grant	Cortical Inputs Mediating Hippocampal Remapping During Navigation in Virtual Reality	Helen Hay Whitney Foundation	04/01/2012	03/31/2015	154,500
Schwarzbauer, Jean E	1266472	Grant	Mesangial Cell Matrix Deposition in High Glucose as a Model of Glomerulosclerosis	National Institutes of Health	03/01/2012	02/28/2017	211,160
Miller, Charles G							
Gitai, Zemer	1266470	Grant	Negative Regulation of Virulence in Pseudomonas Aeruginosa	National Institutes of Health	02/01/2012	01/31/2015	167,346
Siryaporn, Albert							
Stone, Howard A							

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Burdine, Rebecca D	1266469	Grant	The Roles of FoxH1 and TGFbeta Signaling in Directing Asymmetric Cardiac Morphogenesis	National Science Foundation	02/01/2012	01/31/2015	450,823
Bassler, Bonnie L	1266468	Grant	Intra- and Inter Species Communication in Bacteria	National Institutes of Health	01/15/2012	11/30/2015	1,197,944
Bassler, Bonnie L Ismail, Anisa S	1266464	Grant	Quorum Sensing in the Commensal Bacterium Bacteroides Fragillis	National Institutes of Health	02/01/2012	01/31/2014	106,132
Cristea, Ileana M	1266467	Grant	Molecular and Genetic Analysis of Castor in Cardiac Development	University of North Carolina at Chapel	12/01/2011	11/30/2012	80,500
Shenk, Thomas E	1264712	Grant	Probing the Cell Surface Proteome of Human Cytomegalovirus Infected Cells for Novel Biomarkers of Pathogenesis	American Heart Association	01/01/2012	12/31/2013	85,000
Garcia, Benjamin A	1264711	Contract	Proteomic and Genomic Investigation of Histone Lysine Methyltransferases as Novel Targets for the Treatment of Cancer	Eli Lilly and Company	12/12/2011	06/01/2012	10,513
Kang, Yibin	1264709	Contract	Anti-Jag1 Functional Blocking Antibody 15D11	Amgen, Inc.	11/28/2011	11/27/2014	100,000
Kang, Yibin	1264710	Grant	Targeting VCAM1 and ICAM1 to Prevent Metastatic Recurrence from Dormant Bone Metastases	The Susan G. Komen Breast Cancer	11/28/2011	11/27/2014	588,750
Kang, Yibin	1264708	Grant	Tumor-derived Jagged1 Promotes Breast Cancer Bone Metastasis by Activating Stromal Notch Signaling	The Susan G. Komen Breast Cancer	11/28/2011	11/27/2014	180,000
Enquist, Lynn W	1266463	Grant	Genetic Analysis of Herpesvirus Tropism and Virulence	National Institutes of Health	01/01/2012	12/31/2016	1,779,058
Broach, James R	1264707	Grant	Stress-induced Mutation in a Eukaryote	American Cancer Society, Inc. (ACS)	01/01/2012	12/31/2012	52,000
Wang, Samuel S	1264706	Grant	Head-fixed Recording of Sensory Learning in Shank3 Mice	The Simons Foundation	11/01/2011	10/31/2012	60,000
Eggenschwiler, Jonathan T	1266462	Grant	Rab23 Function in Nodal Signaling During Left-right Patterning in the Mouse	National Institutes of Health	09/27/2011	08/31/2013	65,626
Kang, Yibin	1266461	Grant	Role of p63 in Mammary Stem Cell rGulation and Breast Cancer Progression	Congressionally Directed Medical Research Programs	09/01/2011	08/31/2014	324,000
Enquist, Lynn W	1266460	Grant	National Center for Experimental Neuroanatomy with Neurotropic Viruses	University of Pittsburgh	06/01/2011	05/31/2012	205,764
Shenk, Thomas E	1264705	Grant	Investigation of Anti-Viral Properties of Corning Glass	Corning Incorporated	09/01/2011	12/31/2012	115,992
Devenport, Danelle	1266459	Grant	Regulation of Cell Polarity During Epidermal Growth and Homeostasis	National Institutes of Health	09/01/2011	08/31/2014	747,000
Shenk, Thomas E	1264704	Contract	Identification of enzymes functioning in lipid synthesis as anti-viral drug targets	Kadmon Pharmaceuticals LLC	09/01/2011	08/31/2012	156,790
Eggenschwiler, Jonathan T	1266457	Grant	Investigation of Cell-cell Signaling in Spinal Neurogenesis	New Jersey Commission on Spinal Cord Research	06/15/2011	06/30/2014	3,136
Flint, Jane	1266456	Grant	Regulation of Gene Expression by the Adenoviral E1B 55kDa Protein	National Institutes of Health	08/03/2011	07/31/2013	397,779
Wieschaus, Eric F	1264703	Grant	HHMI Investigator Support for Graduate Student: Amir Momen Roknabadi	Howard Hughes Medical Institute	07/01/2011	06/30/2013	122,145
Wieschaus, Eric F	1264702	Grant	HHMI Investigator Support for Graduate Student: Julien Dubius	Howard Hughes Medical Institute	07/01/2011	08/31/2012	75,340
Schupbach, Gertrud M	1264701	Grant	HHMI Investigator Graduate Student Support	Howard Hughes Medical Institute	07/01/2011	06/30/2012	68,620
Gammie, Alison E	1266458	Grant	New Jersey Commission on Cancer Research Summer Fellowships for Princeton University	NJ Commission on Cancer Research	06/01/2011	08/31/2011	30,000

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Silhavy, Thomas J	1266455	Grant	Regulation of Stationary Phase in Escherichia coli	National Institutes of Health	08/01/2011	06/30/2015	1,238,214
Enquist, Lynn W	1264700	Grant	Dissecting the unique neuronal spread phenotype of HSV-1 clinical strain H129 with a Brainbow recombinant virus	The Pew Charitable Trusts	07/01/2011	06/30/2015	95,000
Murthy, Mala	1264699	Grant	From Genes to Circuits: The Evolution of Species-specific Communication in Drosophila	Human Frontier Science Program Org. (HFSP)	06/01/2011	05/31/2014	337,500
Wieschaus, Eric F	1266454	Grant	Oogenesis and Early Embryogenesis in Drosophila	National Institutes of Health	06/01/2011	05/31/2016	1,075,056
Murthy, Mala	1264698	Grant	Marie Curie Outgoing Fellowship for Cyrille Girardin	Universitat Konstanz	07/01/2011	06/30/2013	26,122
Murthy, Mala	1264697	Grant	Sloan Research Fellowship Nomination: Neural Codes and Variability in the Drosophila Auditory System	Alfred P. Sloan Foundation	09/15/2011	09/15/2013	50,000
Bassler, Bonnie L	1264696	Grant	Spatial Structure During the Transition to Social Behavior in Vibrio Species	Human Frontier Science Program Org. (HFSP)	04/01/2011	03/31/2014	14,760
Bassler, Bonnie L	1266453	Grant	A High-Throughput Screen for Modulators of Quorum Sensing in Vibrio cholerae	National Institutes of Health	04/15/2011	03/31/2012	25,000
Garcia, Benjamin A	1266452	Grant	Epigenetic Biomarker Discovery in Cutaneous Neoplasms	Mt. Sinai School of Medicine	03/01/2011	02/29/2012	7,830
Tank, David W Kinkhabwala, Amina A	1266451	Grant	NRSA:Examining properties of grid cell networks in mice navigating in virtual reality	National Institutes of Health	03/04/2011	03/03/2012	51,266
Schupbach, Gertrud M	1266450	Grant	EGF Receptor Mediated Signaling in Drosophila	National Institutes of Health	03/01/2011	01/31/2015	1,336,901
Murthy, Mala	1266449	Grant	CAREER: Neural Mechanisms for Acoustic Communication in Drosophila	National Science Foundation	03/01/2011	02/28/2016	650,000
Murthy, Mala	1266482						6,000
Wingreen, Ned S Gitai, Zemer van Teeffelen, Sven	1264695	Grant	Achieving and maintaining the cell shape of bacteria: a biophysical study	Human Frontier Science Program Org. (HFSP)	07/15/2010	07/14/2013	14,760
Bassler, Bonnie L Stauff, Devin L	1266447	Grant	NRSA: Targeting Quorum-sensing to Inhibit Bacterial Pathogenesis	National Institutes of Health	03/01/2011	07/31/2011	20,166
Kang, Yibin	1264694	Grant	The Role of VCAM1 in the Activation of Dormant Breast Cancer Bone Micrometastasis	Breast Cancer Alliance	01/01/2011	12/31/2011	100,000
Coller, Hilary A Rabinowitz, Joshua D	1266445	Grant	ARRA Role of Tumor and Stromal Cell Metabolism in Stress Adaptation and Progression:Year 2	Rutgers University	09/01/2010	08/31/2011	125,000
Rabinowitz, Joshua D Coller, Hilary A	1266446						125,000
Gammie, Alison E	1264693	Grant	Minority Scholarship Program	Genentech, Inc.	01/03/2011	08/31/2011	15,000
Shenk, Thomas E	1264692	Contract	Evaluation of the Potential Role of the Purinosome in Viral Replication	Corning Incorporated	12/21/2010	12/26/2012	200,000
Murphy, Coleen T Kaletsky, Rachel L	1266444	Grant	NRSA: Genetic Characterization of Long-term Memory in Caenorhabditis Elegans	National Institutes of Health	01/01/2011	12/31/2013	154,530
Enquist, Lynn W Szpara, Moriah L	1266443	Contract	Deep Sequencing and Neuronal Microarrays for Functional Genomic Analysis of Herpes Simlex	Northrop Grumman Corporation	12/17/2010	12/16/2012	507,248

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Shenk, Thomas E Terry, Laura J	1264691	Grant	Modulation of Cellular Kinase Activity during Cytomegalovirus Infection	American Cancer Society, Inc. (ACS)	01/01/2011	12/31/2013	150,000
Schedl, Paul D	1264690	Grant	Novel genes involved in the network controlling sexual differentiation and fate determination	U.S.-Israel Binational Science Fdn.	10/01/2010	09/30/2013	70,400
Eggenschwiler, Jonathan T Brown, Desmond A	1266441	Grant	NRSA:Cellular and Molecular Requirements for Medulloblastoma Tumorigenesis	National Institutes of Health	12/01/2010	11/30/2013	101,743
Eggenschwiler, Jonathan T	1266440	Grant	Regulation of Metal Ion homeostasis by Channel Kinase	University of Medicine & Dentistry of NJ (UMDNJ)	05/01/2010	04/30/2012	159,923
Schwarzbauer, Jean E	1266438	Grant	An RNAi Screen for Cell Migration Genes in C. Elegans	University of Virginia	08/01/2010	07/31/2011	101,673
Garcia, Benjamin A	1266436	Grant	"New Innovator Award" Novel Methodology for Quantitative High-throughput Cancer Epigenetics	National Institutes of Health	09/30/2010	08/31/2015	889,149
Cristea, Ileana M	1266435	Grant	New Tools for Exploring the Dynamic Interactome: Interactome of HIV Infection	Rockefeller University	08/15/2010	07/31/2014	124,493
Hughson, Frederick M Gammie, Alison E	1264684	Grant	HHMI Precollege and Undergraduate Science Education Program: Parent Award	Howard Hughes Medical Institute	09/01/2010	08/31/2014	397,335
Hughson, Frederick M Gammie, Alison E	1264685						463,913
Hughson, Frederick M Gammie, Alison E	1264686						598,862
Hughson, Frederick M Gammie, Alison E	1264687						11,186
Hughson, Frederick M Gammie, Alison E	1264688						11,186
Hughson, Frederick M Gammie, Alison E	1264689						17,518
Schwarzbauer, Jean E	1266439	Grant	Biennial Meeting of the American Society for Matrix Biology	National Institutes of Health	09/01/2010	08/31/2011	28,000
Berry, Michael J	1264683	Grant	Microfabricated Patch Clamp Micropipette	McKnight Endowment Fund for Neuroscience	08/01/2010	07/31/2013	160,000
Hughson, Frederick M	1266433	Grant	ARRA: Structure-Function Analysis of AI-2 Quorum Sensing	National Institutes of Health	08/15/2010	07/31/2012	118,161
Cox, Edward C Kuhlman, Thomas E	1266432	Grant	NRSA: Genomic Architecture and the Consequences for Prokaryotic Gene Regulation	National Institutes of Health	07/01/2010	06/30/2012	106,831
Boulanger, Lisa M Tyler, Carolyn M	1266430	Grant	Investigating the role of MHC class I Proteins in Traumatic Brain Injury	New Jersey Commission on Brain Injury Research	06/01/2010	05/31/2013	192,324

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Burdine, Rebecca D Lenhart, Kari F	1264681	Grant	Investigating the Integration of TGFbeta Signals During Asymmetric Cardiac Morphogenesis	American Heart Association	07/01/2010	09/30/2011	27,350
Stock, Jeffrey B	1264680	Grant	Rohto-Princeton Alliance	ROHTO Pharmaceutical Co., Ltd.	05/07/2010	02/06/2013	1,020,000
Garcia, Benjamin A Young, Nicolas L	1266425	Grant	NRSA: Investigation of the Histone Code in DNA Damage Response and Repair Mechanisms	National Institutes of Health	07/01/2010	06/30/2012	95,167
Zakian, Virginia A Bochman, Matthew L	1264678	Grant	Determining the Roles of the Rrm3 Helicase in Genome Maintenance	American Cancer Society, Inc. (ACS)	07/01/2010	06/30/2013	165,000
Kang, Yibin	1266424	Grant	The Role of miRNAs in Epithelial Mesenchymal Transition and Metastasis	National Institutes of Health	04/01/2010	01/31/2015	1,605,907
Silhavy, Thomas J Rigel, Nathan W	1266423	Grant	NRSA: Assembly of Outer Membrane Proteins in Escherichia coli	National Institutes of Health	09/01/2010	08/31/2012	98,932
Bassler, Bonnie L Rutherford, Steven T	1266421	Grant	Roles for Five Small RNAs Required for Quorum Sensing in Vibrio Harveyi	National Institutes of Health	04/01/2010	03/31/2013	152,874
Garcia, Benjamin A DiMaggio, Peter A Shenk, Thomas E	1266422	Grant	NRSA:A Proteomic Interrogation of the Histone Code during HCMV Infection	National Institutes of Health	04/01/2010	01/13/2012	85,387
Kang, Yibin Fang, Wenwen Landweber, Laura F	1266420	Grant	RNA-guided DNA Rearrangements in Breast Cancer	Army Medical Research Acquisition Activity	03/01/2010	09/30/2012	111,046
Kang, Yibin Hua, Yuling	1266419	Grant	The Role of EMT-related MicroRNAs in Breast Cancer Metastasis	Army Medical Research Acquisition Activity	03/01/2010	02/28/2013	102,881
Gitai, Zemer Klein, Eric A	1266417	Grant	NRSA:Regulation of Stalk Protein Localization in Caulobacter Crescentus	National Institutes of Health	02/01/2010	01/31/2013	159,186
Silhavy, Thomas J	1266416	Grant	ARRA: Genetic Analysis of Protein Export	National Institutes of Health	02/26/2010	01/01/2012	234,765
Eggenschwiler, Jonathan T	1266415	Grant	The Role of TEPM6 in SHH Signaling and Neural Identity	New Jersey Commission on Spinal Cord Research	12/15/2009	12/30/2012	400,000
Shenk, Thomas E	1266413	Grant	Human Cytomegalovirus Latency in Cultured Monocytes	National Institutes of Health	02/15/2010	01/31/2015	1,781,515
Garcia, Benjamin A	1266414	Grant	CAREER: Quantitative Mass Spectrometry Analysis of Histone Codes in Saccharomyces cerevisiae	National Science Foundation	04/01/2010	12/31/2012	212,714
Garcia, Benjamin	1266426						14,366
Burdine, Rebecca D Jaffe, Kimberly M	1266412	Grant	Kurly's Role in Left-Right Patterning and Congenital Heart Disease	National Institutes of Health	04/01/2010	09/08/2011	73,836
Silhavy, Thomas J	1266410	Grant	Intercellular Signaling in Vibrio harveyi	National Science Foundation	02/15/2010	01/31/2016	823,686
Silhavy, Thomas J	1266504						230,000
Zakian, Virginia A	1266408	Grant	DNA Replication and Chromosome Structure in Yeast	National Institutes of Health	12/21/2009	11/30/2013	2,384,467
Gammie, Alison E	1266406	Grant	DNA Mismatch Repair and Cancer	NJ Commission on Cancer Research	12/01/2009	06/30/2012	243,900
Garcia, Benjamin A	1266404	Grant	Proteomic Screening for Epigenetic Cancer Codes	NJ Commission on Cancer Research	12/01/2009	06/30/2012	243,900

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Eggenschwiler, Fuller, Kimberly P	1266401	Grant	The Role of Rab23 i n TGF-beta Signaling	NJ Commission on Cancer Research	12/01/2009	11/30/2011	50,000
Flint, Jane DeHart, Caroline J	1266400	Grant	A Biochemical Basis for the Hr6 Oncolytic Phenotype	NJ Commission on Cancer Research	12/01/2009	11/30/2012	50,000
Wieschaus, Eric F He, Bing	1266402	Grant	In Vivo Analysis of Drosophila Ventral Furrow Formation	NJ Commission on Cancer Research	12/01/2009	11/30/2012	86,000
Schwarzbauer, Jean E Wong, Ming-Ching	1266407	Grant	Transcriptional Control in Distal Tip Cell Migration	NJ Commission on Cancer Research	12/01/2009	11/30/2011	86,000
Cristea, Ileana M Tsai, Yuan-Chin	1266403	Grant	Induction of Host DNA Methylation by HIV-1 Infection	NJ Commission on Cancer Research	12/01/2009	11/30/2011	86,000
Enquist, Lynn W Taylor, Matthew P	1264672	Grant	Understanding Neuronal Traffic and Targeting of Alpha-Herpesviruses	American Cancer Society, Inc. (ACS)	01/01/2010	12/31/2012	165,000
Brody, Carlos D	1264669	Grant	Decoding and Recoding Sensation	Human Frontier Science Program Org. (HFSP)	10/01/2009	09/30/2013	209,892
Rose, Mark D	1266392	Grant	ARRA: Mechanisms of Nuclear and Cell Fusion in Yeast	National Institutes of Health	09/30/2009	08/31/2011	100,000
Gavis, Elizabeth R	1266393	Grant	ARRA: Mechanism of RNA Localization in Drosophila Development	National Institutes of Health	09/30/2009	08/31/2012	457,756
Zakian, Virginia A	1266390	Grant	ARRA: Structure and Behaviour of Yeast Telomeres	National Institutes of Health	09/30/2009	08/31/2012	347,112
Enquist, Lynn W Wang, Samuel S	1266385	Grant	ARRA: Viral Brainbow: Tracing Brain Circuits with Connection Order Specificity	National Institutes of Health	09/30/2009	08/31/2012	306,258
Wang, Samuel S	1266386						396,038
Puchalla, Jason L	1266387						81,213
Enquist, Lynn W	1266388						209,236
Legesse-Miller, Aster Coller, Hilary A Flint, Jane	1266384	Grant	The Role of MicroRNAs in Controlling Fibroblast Proliferation and Tumor Promotion	National Institutes of Health	09/16/2009	08/31/2014	709,870
Burdine, Rebecca D	1266382	Grant	ARRA: Analysis of Zebrafish npt and swt Mutants in Left-Right Patterning	National Institutes of Health	09/30/2009	09/29/2011	63,765
Cox, Edward C	1266379	Grant	ARRA: CAAX Processing and Cell Signaling in Dictyostelium	National Institutes of Health	09/01/2009	03/31/2012	253,808
Cristea, Ileana M	1264665	Grant	A Hybrid Approach to Revealing Intermediate Structures of Herpes Simplex Virus During Infection	Human Frontier Science Program Org. (HFSP)	07/01/2009	06/30/2013	299,889
Wingreen, Ned S Dobrovinski, Konstantin	1264661	Grant	Thermally Robust Chemotaxis and Thermotaxis in Escherichia Coli	Human Frontier Science Program Org. (HFSP)	09/01/2009	02/28/2013	19,500
Kang, Yibin	1264662	Grant	Champalimaud Metastasis Programme at Princeton University	American Portuguese Biomedical Research Fund	05/01/2009	04/30/2014	505,750
Schedl, Paul D	1266375	Grant	Molecular and Genetic Analysis of Chromatin Structure	National Institutes of Health	08/01/2009	07/31/2013	1,639,717
Murphy, Coleen T	1264660	Grant	2006 Pew Scholars Program: Quantitative Analysis of C. elegans Age-Related Cognitive Decline	Pew Scholars Program in the Biomedical Sciences	05/01/2009	12/31/2011	76,109

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Tank, David W Harvey, Christopher D	1264659	Grant	Imaging the Organization and Dynamics of Hippocampal Place Cell Ensembles in Navigating Mice	Helen Hay Whitney Foundation	08/01/2009	12/31/2011	117,184
Garcia, Benjamin A	1264656	Grant	A Proteomic Approach to Understanding the Histone Code	American Society for Mass	06/01/2009	05/31/2012	25,000
Bassler, Bonnie L van Kessel, Julia C	1266373	Grant	Investigating Small RNA Control of Quorum Sensing	National Institutes of Health	07/01/2009	06/30/2012	144,150
Zakian, Virginia A Paeschke, Katrin	1266369	Grant	The role of Pif1p at G-quadruplexsites in the Genome	NJ Commission on Cancer Research	04/01/2009	09/30/2011	86,167
Cristea, Ileana M McDonald, Karin R Zakian, Virginia A	1266370	Grant	Protein Interactions of the Telomerase Holoenzyme	NJ Commission on Cancer Research	04/01/2009	09/30/2011	50,000
Silhavy, Thomas J	1266367	Grant	Genetic Analysis of Protein Export	National Institutes of Health	04/01/2009	03/31/2013	2,702,798
Gavis, Elizabeth R	1266366	Grant	Translational Regulation of Patterning in Drosophila	National Institutes of Health	05/01/2009	04/30/2013	1,271,964
Shenk, Thomas E	1266365	Grant	Human Cytomegalovirus Tegument Proteins	National Institutes of Health	05/01/2009	02/28/2014	1,848,851
Hughson, Frederick M	1266364	Grant	Structural Analysis of Golgi Trafficking Proteins	National Institutes of Health	03/01/2009	02/28/2013	1,318,381
Coller, Hilary A	1266357	Grant	A Combined Computational and Experimental Approach to Defining Mechanisms of MicroRNA-Target Interactions	National Institutes of Health	01/01/2009	12/31/2013	1,102,856
Rose, Mark D	1266356	Grant	Mechanisms of Nuclear and Cell Fusion in Yeast	National Institutes of Health	01/01/2009	12/31/2012	1,826,583
Rose, Mark D Andrianantoandro, Ernesto	1266378						174,504
Kang, Yibin Eggenschwiler, Jonathan T	1266355	Grant	Metadherin in Metastasis and Chemoresistance of Breast Cancer	National Institutes of Health	09/01/2008	08/31/2013	1,613,921
Coller, Hilary A	1264651	Grant	Mechanisms for Detoxifying Free Radicals in Quiescent Fibroblasts: Applications to Treating Fibrotic Disease	Johnson & Johnson	10/01/2008	09/30/2012	112,600
Beeson, Teresa D Shenk, Thomas E	1266349	Grant	NRSA: Human Cytomegalovirus Episome Maintenance and Propagation of Genetic Damage	National Institutes of Health	09/30/2008	08/31/2012	112,022
Notterman, Daniel A	1264650	Grant	Autism and SNPs in the IGF Pathway	The Simons Foundation	09/01/2008	08/31/2012	297,455
Gitai, Zemer	1266346	Grant	Discovering Antibiotic Drugs & Targets Via High-Throughput Bacterial Cell Biology	National Institutes of Health	09/30/2008	08/31/2013	2,415,000
Cristea, Ileana M	1266345	Grant	Proteomic Approaches to Chromatin Remodeling Complexes and their Modulation During HIV-1 Infection	National Institutes of Health	09/05/2008	07/31/2013	3,937,882
Wingreen, Ned S	1266350	Grant	Thermally Robust Chemotaxis and Thermotaxis in Escherichia Coli	National Institutes of Health	09/01/2008	08/31/2012	507,234
Wingreen, Ned S	1266351						360,018
Wingreen, Ned S	1266352						213,598
Wingreen, Ned S	1266363						305,352
Coller, Hilary A	1266319	Grant	The Role of MicroRNAs in Cellular Quiescence	National Institutes of Health	07/01/2008	06/30/2013	1,388,691
Berry, Michael J	1266318	Grant	Neural Computation in the Retina	National Institutes of Health	07/01/2008	06/30/2013	1,476,143

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Molecular Biology (8)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Schwarzbauer, Jean E	1266307	Grant	Predocrotal Training in Genetics and Molecular Biology	National Institutes of Health	07/01/2008	06/30/2013	0
Schwarzbauer, Jean E	1266312						1,124,044
Schwarzbauer, Jean E	1266313						140,940
Schwarzbauer, Jean E	1266314						1,179,840
Schwarzbauer, Jean E	1266315						145,800
Schwarzbauer, Jean E	1266316						1,193,837
Schwarzbauer, Jean E	1266317						145,800
Gitai, Zemer	1264641	Grant	Identifying and Characterizing Bacterial Cytoskeletal Elements and Small Molecules that Target them	Human Frontier Science Program Org. (HFSPO)	06/01/2008	05/31/2012	289,889
Schwarzbauer, Jean E	1266304	Grant	Extracellular Matrix Modulation of Cell Phenotype	National Institutes of Health	05/15/2008	04/30/2013	1,486,929
Enquist, Lynn W	1266303	Grant	Neuronal Spread of Herpesvirus Infection	National Institutes of Health	05/01/2012	04/30/2013	1,745,408
Enquist, Lynn W	1266434						40,250
Enquist, Lynn W	1266437						58,750
Kang, Yibin	1266302	Grant	Targeting Transforming Growth Factor-Beta in Metastatic Breast Cancer	The Cancer Institute of New Jersey	07/01/2007	05/31/2012	30,400
Enquist, Lynn W Kobiler, Oren	1264639	Grant	The Role of Host Genes in the Development of Alpha-Herpesviruses Infection	Int. Human Frontier Sci. Prog. Org. (IHFSPO)	04/01/2008	11/30/2011	18,220
Gavis, Elizabeth R	1266301	Grant	Mechanism of RNA Localization in Drosophila Development	National Institutes of Health	04/01/2008	03/31/2012	1,311,567
Gavis, Elizabeth R	1266342						25,000
Cox, Edward C	1266297	Grant	CAAX Processing and Cell Signaling in Dictyostelium	National Institutes of Health	04/01/2008	03/31/2013	1,124,392
Hughson, Frederick M Bassler, Bonnie L Semmelhack, Martin F	1266294	Grant	Structure-Function Analysis of AI-2 Quorum Sensing	National Institutes of Health	03/01/2008	02/28/2013	1,136,273
Bassler, Bonnie L	1266298						405,910
Semmelhack, Martin F	1266299						746,283
Hughson, Frederick M Bassler, Bonnie L Semmelhack, Martin	1266394						193,145

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Molecular Biology (9)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Hughson, Frederick M	1266294	Grant	Structure-Function Analysis of AI-2 Quorum Sensing	National Institutes of Health	03/01/2008	02/28/2013	1,136,273
Bassler, Bonnie L							
Semmelhack, Martin F							
Bassler, Bonnie L	1266298						405,910
Semmelhack, Martin F	1266299						746,283
Hughson, Frederick M	1266394						193,145
Bassler, Bonnie L							
Semmelhack, Martin							
Wang, Samuel S	1266293	Grant	Dendritic Integration and Cerebellar Synaptic Plasticity	National Institutes of Health	12/15/2007	11/30/2013	1,558,400
Zakian, Virginia A	1266292	Grant	Structure and Behaviour of Yeast Telomeres	National Institutes of Health	12/01/2007	08/04/2012	1,922,643
Berry, Michael J	1266288	Grant	Complex Pattern Detection in the Retina	National Institutes of Health	09/30/2007	08/31/2013	1,886,506
Bassler, Bonnie L	1266283	Grant	Intra- and Inter-Species Communication in Bacteria	National Institutes of Health	08/17/2007	01/14/2012	1,207,528
Burdine, Rebecca D	1266253	Grant	Analysis of Zebrafish npt and swt Mutants in Left-Right Patterning	National Institutes of Health	02/15/2007	06/30/2012	1,628,650
Burdine, Rebecca	1266282						8,167
Agyemang, Amanda							
Silhavy, Thomas J	1266252	Grant	Regulation of Stationary Phase in Escherichia Coli	National Institutes of Health	02/01/2007	07/31/2011	1,158,107
Broach, James R	1266238	Grant	ONCOLOGY:Molecular Basis of Cancer	National Institutes of Health	09/29/2006	06/30/2012	0
Broach, James R	1266249						489,914
Broach, James R	1266250						77,146
Broach, James R	1266448						46,360
Notterman, Daniel	1266291						319,145
Kang, Yibin	1266228	Grant	Systems Biology of Breast Cancer Metastasis	Army Medical Research & Materiel Command	07/01/2006	06/30/2012	3,849,085
Shenk, Thomas E	1266205	Grant	Cytomegalovirus Immediate Early Proteins and Virion RNAs	National Institutes of Health	02/15/2006	12/31/2011	1,504,981
Cuevas, Christian D							
Bassler, Bonnie L	1264612	Grant	Howard Hughes Medical Institute Support for Bonnie Bassler	Howard Hughes Medical Institute	08/01/2005	08/31/2016	0
Gitai, Zemer	1266201	Grant	Dynamic Spatial Organization of Multi-Protein Complexes Controlling Microbial Polar Organization, Chromosome Replication, and Cytokinesis	Stanford University	09/01/2005	08/31/2011	1,845,578
Wingreen, Ned S	1266188	Grant	Modeling Min-Protein Oscillations in Bacteria	National Institutes of Health	08/01/2005	07/31/2011	1,084,344
Enquist, Lynn W	1266167	Grant	Genetic Analysis of Herpesvirus Tropism and Virulence	National Institutes of Health	01/25/2005	12/31/2011	2,452,991
Wieschaus, Eric F	1264473	Grant	Howard Hughes Medical Institute Support for Eric Wieschaus	Howard Hughes Medical Institute	09/01/1997	08/31/2014	0
Schubach, Gertrud M	1264385	Grant	Howard Hughes Medical Institute Support for Gertrud Schubach	Howard Hughes Medical Institute	07/01/1994	08/31/2014	0

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

Contributions Made to Other Units :

Chemical and Biological Engineering

Benjamin A. Garcia

Lewis-Sigler Institute for Integrative Genomics

Michael J Berry

David Botstein

Manuel Llinás

Coleen T Murphy

Gertrud M Schupbach

Thomas E Shenk

John D Storey

David W Tank

Eric F Wieschaus

Ned S Wingreen

Mechanical and Aerospace Engineering

Bonnie L Bassler

Thomas J Silhavy

Ned S Wingreen

Physics

Ned S Wingreen

Princeton Environmental Institute (PEI)

Ned S Wingreen

Princeton Neuroscience Institute

Michael J Berry

David W Tank

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Branker, Anthony D	2256008	Grant	Princeton University Jazz Program at Winmalee High School	U.S. Department of State	03/01/2012	03/31/2012	600
Lansky, Paul	2254009	Grant	Proposal to Augusting Foundation for Classical Guitar Composition	Augustine Foundation	01/01/2011	12/31/2012	5,000

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Near Eastern Studies / NES Program

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Haykel, Bernard A	2324023	Grant	A Political History of Saudi Arabia	Smith Richardson Foundation, Inc.	07/01/2010	08/31/2012	125,000
Kunkler, Mirjam	2324024	Grant	Iran Social Science Information Project	Social Science Research Council	03/15/2010	06/30/2012	42,146
Kunkler, Mirjam	2324022	Grant	Iran Social Science Information Project	Social Science Research Council	03/15/2009	06/30/2012	100,103
Hanioglu, M. Sukru	4166228	Grant	National Resource Center and Foreign Language and Area Studies Fellowships Programs	U.S. Department of Education	08/15/2010	08/14/2014	952,057
Reynolds, Michael A	4164033	Grant	Junior Faculty Research International Program	Smith Richardson Foundation, Inc.	11/01/2007	09/01/2011	60,000

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Operations Research and Financial Engineering

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Powell, Warren B	1806089	Grant	Mid-Atlantic Offshore Wind Interconnection and Transmission	University of Delaware	09/30/2011	09/29/2014	94,278
Fan, Jianqing	1806088	Grant	Statistical Inferences for Massive Data	National Science Foundation	06/01/2012	05/31/2017	600,000
Massey, William A	1806085	Grant	Eighteenth Conference for African American Researchers in the Mathematical Sciences (CAARMS18)	National Security Agency	03/30/2012	03/29/2013	13,997
Powell, Warren B	1806083	Cooperative Agreement	ARRA: Adaptive Stochastic Controller and Source Optimization for the Secure Interoperable Open Smart Grid Demonstration for New	Columbia University	06/01/2011	02/29/2012	184,355
Powell, Warren B	1806082	Contract	High-Performance Computing for Stochastic Optimization Problem in Energy Systems Analysis	Lawrence Livermore National	12/01/2011	09/30/2013	300,000
Fan, Jianqing	1806080	Grant	Quantitative Methods for Genome-wide Analysis of Macrophage Activation by ESCs	National Institutes of Health	09/01/2011	05/31/2015	1,466,360
Powell, Warren B	1806079	Grant	Workshop: A Conversation between AI and OR on Sequential Decision Making	National Science Foundation	10/01/2011	12/31/2013	42,610
Powell, Warren B	1806078	Grant	Scalable, Approximate Dynamic Programming Algorithms for High-dimensional Storage Portfolios	National Science Foundation	09/01/2011	08/31/2014	360,000
Powell, Warren B	1806077	Grant	Optimal Learning and Approximate Dynamic Programming for High-Dimensional Stochastic Search and Control	Air Force Office of Scientific Research	07/01/2011	06/30/2014	380,843
Massey, William A	1806076	Grant	Seventeenth Conference for African American Researchers in the Mathematical Sciences (CAARMS17)	National Security Agency	04/04/2011	04/03/2012	34,000
Rigollet, Philippe	1806075	Grant	CAREER: Large Scale Stochastic Optimization and Statistics	National Science Foundation	07/01/2011	06/30/2016	400,000
Massey, William A	1806074	Grant	Conference for African American Researchers in the Mathematical Sciences	National Science Foundation	03/01/2011	02/28/2014	16,905
Massey, William A	1806086						97,500
Powell, Warren B	1806073	Contract	High-Performance Computing for Stochastic Optimization in Energy Systems Analysis	Lawrence Livermore National	12/06/2010	02/29/2012	260,000
Rudloff, Birgit	1806072	Grant	Pricing, Hedging and Measuring Risk in Markets with Transaction Costs	National Science Foundation	09/15/2010	08/31/2013	180,000
Vanderbei, Robert J	1806071	Grant	PIAA Apodization Coronagraphy Development and Laboratory Validation	University of Arizona	02/19/2010	02/18/2012	60,000
Powell, Warren B Simao, Hugo P	1806070	Grant	ARRA: Stochastic Control of Distributed Energy Generation and Storage: Managing the Smart Grid for New York City	Columbia University	06/01/2010	09/30/2011	252,154
van Handel, Ramon	1806069	Grant	Ergodic Theory of Decisions Under Partial Information	National Science Foundation	08/01/2010	07/31/2013	145,594
Powell, Warren B	1804190	Contract	Approximate Dynamic Programming and Optimal Learning for Efficient Business Processes	SAP Labs, LLC	07/01/2010	06/30/2012	400,000
d'Aspremont, Alexandre W	1806067	Grant	Collaborative Research: Mathematical Programming for Streaming Data	National Science Foundation	06/01/2010	08/31/2012	19,378
Fan, Jianqing	1806066	Grant	Statistical Methods for Ultrahigh-dimensional Biomedical Data	National Institutes of Health	02/01/2010	01/31/2014	1,040,216
Powell, Warren B	1806063	Grant	Collaborative Research: Stochastic Multi-scale Optimization for Energy Resource Planning	National Science Foundation	07/01/2009	06/30/2013	246,000
Rigollet, Philippe	1806062	Grant	Optimal Sequential Allocation in Dynamic Environments	National Science Foundation	07/15/2009	06/30/2013	110,000
d'Aspremont, Alexandre W	1806060	Grant	CAREER: Semidefinite Programming with Applications in Statistical Learning	National Science Foundation	01/01/2009	10/31/2011	376,072

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Operations Research and Financial Engineering (2)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
d'Aspremont, Alexandre W	1806058	Grant	CDI-Type II: Collaborative Research: Sparse Inference: New Tools for Structural Knowledge Discovery	National Science Foundation	09/15/2008	02/28/2013	417,179
Carmona, Rene A	1806054	Grant	Mathematics of Emissions Markets: Design, Models, Analysis and Simulations.	National Science Foundation	07/01/2008	06/30/2012	234,000
Carmona, Rene A Massey, William A Rudloff, Birgit Sircar, Ronnie	1806050	Grant	EMSW21-RTG: Training, Mentoring & Research in the Mathematics of Stochastic Analysis and Applications	National Science Foundation	02/15/2008	01/31/2014	544,480
Carmona, Rene A Massey, William A Rudloff, Birgit Sircar, Ronnie	1806052						1,679,290
Carmona, Rene A Massey, William A Rudloff, Birgit Sircar, Ronnie	1806057						45,000
Carmona, Rene A Massey, William A Rudloff, Birgit Sircar, Ronnie	1806064						25,000
Fan, Jianqing	1806046	Grant	Development of Bioinformatic Methods for Studying Gene Expression Network between Inflammation and Neuronal Regeneration	National Science Foundation	08/15/2007	07/31/2012	599,559
Fan, Jianqing	1806081						10,440
Fan, Jianqing	1806044	Grant	High-dimensional Statistical Learning and Inference	National Science Foundation	06/15/2007	05/31/2013	920,001
Cheridito, Patrick	1806039	Grant	CAREER: Quantification of Risk	National Science Foundation	07/01/2007	06/30/2013	400,003
Powell, Warren B Bouzaiene-Ayari, Belgacem	1804181	Contract	Real-Time Optimization Models	United Parcel Service	04/01/2005	03/31/2015	855,703
Powell, Warren B	1804189						996,433
Powell, Warren B	1804173	Cooperative Agreement	Modeling Technologies for Dynamic Resource Management in Truckload Trucking	Schneider National, Inc.	08/01/2002	12/31/2017	1,078,723
Powell, Warren B	1804149	Contract	Dynamic Resource Management Technologies for Continuous Demand Operations	Air Products and Chemicals, Inc.	09/01/1995	09/30/2011	178,550

Contributions Made to Other Units :

Mechanical and Aerospace Engineering

Robert J Vanderbei

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Papers of Thomas Jefferson

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Oberg, Barbara B	3756045	Grant	The Papers of Thomas Jefferson	National Historical Publications and Records Commission	07/01/2011	07/31/2012	168,872
Oberg, Barbara B	3754002	Grant	The Papers of Thomas Jefferson - Challenge Grant	The Pew Charitable Trusts	07/31/2006	12/31/2011	1,868,879

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Cadden, Michael W	1854000	Grant	Mellon Grant for the Establishment of Fellowships in the Society of Fellows in the Arts	The Andrew W. Mellon Foundation	06/01/2012	05/31/2017	300,000

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Harman, Gilbert H	2406003	Grant	Twentieth Century Philosophy: Quine and Davidson	National Endowment for the	10/01/2010	03/31/2012	165,903
Harman, Gilbert H	2406004						112,185
Frankfurt, Harry G	2404005	Grant	Emeritus Fellowship	The Andrew W. Mellon Foundation	10/01/2009	09/30/2011	49,982
Halvorson, Hans P	2404004	Grant	New Directions Fellowship Program	The Andrew W. Mellon Foundation	06/01/2007	12/31/2011	265,520

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Galbiati, Cristiano	2456777	Contract	Radon Free Clean Room for DarkSide TPS Assembly	Fermi National Accelerator Laboratory	06/01/2012	05/31/2013	200,000
Marlow, Daniel R	2456751	Grant	High Energy Physics	DOE - Chicago	06/01/2012	03/31/2015	4,925,000
Callan, Curtis G							
Gubser, Steven S							
McDonald, Kirk T							
Meyers, Peter D							
Olsen, James D							
Steinhardt, Paul J							
Stickland, David P							
Tully, Christopher G							
Marlow, Daniel R	2456752						108,000
Marlow, Daniel R	2456753						14,000
Marlow, Daniel R	2456754						312,434
Marlow, Daniel R	2456755						253,610
Marlow, Daniel R	2456756						584,656
Marlow, Daniel R	2456757						69,300
Meyers, Peter D	2456762						135,339
Marlow, Daniel R							
Meyers, Peter D	2456763						19,590
Marlow, Daniel R							
Meyers, Peter D	2456764						43,071
Marlow, Daniel R							
Meyers, Peter D	2456765						7,000
Marlow, Daniel R							
Tully, Christopher	2456767						108,000
Steinhardt, Paul J	2456768						397,738
Marlow, Daniel R							
Steinhardt, Paul J	2456769						52,262
Marlow, Daniel R							
Page, Lyman A	2456745	Grant	Gravitational Physics from the Cosmic Microwave Background	National Science Foundation	06/15/2012	05/31/2015	1,858,261
Staggs, Suzanne T							
Page, Lyman A	2456746						236,489
Staggs, Suzanne T							
Page, Lyman A	2456749						30,000
Staggs, Suzanne T							
Page, Lyman A	2456781						65,250
Staggs, Suzanne T							

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Jones, William C	2456744	Grant	Spider: Probing Inflation with a Large Angular Scale Millimeter-wave Polarimeters	NASA Headquarters - Washington	05/15/2012	05/14/2017	6,670,259
Jones, William C	2456747						148,854
Jones, William C	2456748						567,882
Calaprice, Frank P	2456743	Grant	Low Radioactivity NaI for Dark Matter Studies	Radiation Monitoring Devices, Inc.	02/20/2012	11/19/2012	30,000
Yazdani, Ali	2454188	Grant	Marie Curie: Tunneling Spectroscopy of Topological Interfaces for Future Spintronics (Stevan Nadj-Perge)	Centre National de la Recherche Scientifique	03/01/2012	02/28/2014	47,788
Meyers, Peter D	2456741	Contract	Request for Proposal - R & D at Fermilab for Outer Detector Manager to Dark Side Project Manager(s) - PMT Purchase	Fermi National Accelerator Laboratory	08/01/2011	07/31/2012	201,344
Meyers, Peter D Calaprice, Frank P Galbiati, Cristiano	2456737	Contract	Dark-Side-50: A Direct Search for Dark Matter with New Techniques for Reducing Background	Fermi National Accelerator Laboratory	09/01/2011	04/30/2013	0
Meyers, Peter D Calaprice, Frank P Galbiati, Cristiano	2456738						167,704
Meyers, Peter D Calaprice, Frank P Galbiati, Cristiano	2456740						139,296
McDonald, Kirk T	2456733	Contract	Photomultiplier Tube Support Rack and Installation Fixtures for the MicroBooNE Experiment (E974) at Fermilab	Brookhaven National Laboratory	01/12/2012	09/30/2013	67,404
McDonald, Kirk T	2456734						12,896
Marlow, Daniel R	2456723	Cooperative Agreement	U.S. CMS Operations at the LHC	National Science Foundation	01/01/2012	12/31/2016	38,484,891
Marlow, Daniel R	2456724						9,235,363
Marlow, Daniel R	2456725						222,486
Marlow, Daniel R	2456726						753,491
Marlow, Daniel R	2456727						15,380
Marlow, Daniel R	2456728						515,180
Marlow, Daniel R	2456729						30,050
Marlow, Daniel R	2456730						30,875
Marlow, Daniel R	2456732						712,284
Bernevig, Bogdan A	2454185	Grant	Emergent Topological Phases of Matter	The David and Lucile Packard	10/14/2011	10/13/2016	875,000
Galbiati, Cristiano Cao, Huajie	2456720	Grant	Huajie Cao - Measurement of Scintillation Efficiency and Ionization Yield of Nuclear Recoils in Liquid Argon	Universities Research Association, Inc.	02/01/2012	01/31/2013	15,000
McDonald, Kirk T	2456719	Grant	Fast Timing Detectors for High-Rate Environments	DOE - Washington	09/01/2011	08/31/2013	49,394
Aizenman, Michael	2456718	Grant	Fluctuations, Resonances, and Critical Phenomena	National Science Foundation	09/01/2011	08/31/2014	573,000
Austin, Robert H	2454184	Contract	PolyNano	Danish Technical University	07/18/2011	07/31/2016	51,228

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456716	Grant	Particle Astrophysics at Princeton: Solar Neutrino and Dark Matter Studies with Borexino and DarkSide	National Science Foundation	09/01/2011	08/31/2014	2,137,108
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456717						500,892
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456735						95,000
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456776						4,508
McDonald, Kirk T	2456715	Contract	Univ. Subcontract - - Princeton (MAP)	Fermi National Accelerator Laboratory	09/01/2011	08/31/2013	20,000
Staggs, Suzanne T Grace, Emily A	2456714	Grant	Detector Development for Polarization Studies of the Cosmic Microwave Background	NASA Headquarters - Washington	08/01/2011	07/31/2013	126,096
Tully, Christopher G	2456713	Grant	U.S. Compact Muon Solenoid: Hadron Calorimeter Upgrade at CERN - USCMS Teacher Fellows Program	University of Notre Dame	07/01/2011	06/30/2012	6,000
Yazdani, Ali	2456712	Grant	Nanoscale Measurements of Magnetism & Spin Coherence in Semiconductors	Army Research Office	08/01/2011	11/30/2013	402,903
Hasan, M. Zahid	2456710	Grant	Task 2: ARPES Characterization of Topological Insulator Band Structure	Purdue University	06/14/2011	12/13/2012	50,000
Yazdani, Ali	2456709	Grant	Probing the Influence of Magnetism and Superconductivity on Topological Insulators & their Surface States	National Science Foundation	07/01/2011	06/30/2015	540,000
Bernevig, Bogdan A	2456708	Grant	New Topological Insulators with Point Group Symmetry	Office of Naval Research	04/01/2011	03/31/2014	538,086
Pretorius, Frans	2456706	Grant	Probing Strong-field General Relativity with Gravitational Waves	NASA Headquarters - Washington	07/01/2011	06/30/2014	430,437
Jones, William C	2456707	Grant	Probing Fundamental Physics with the Spider Antarctic Long Duration Balloon Experiment	National Science Foundation	06/15/2011	05/31/2013	257,933
Olsen, James D	2456705	Contract	US-CMS LPC Fellowship for David Lopes Pegna	Fermi National Accelerator Laboratory	02/01/2011	05/31/2013	164,644
McDonald, Kirk T	2456704	Contract	Memorandum of Understanding Between Princeton University and Brookhaven National Laboratory	Brookhaven National Laboratory	04/11/2011	12/31/2016	271,464
McDonald, Kirk T	2456736						26,636
Jones, William C	2454183	Grant	David and Lucille Packard Foundation - 2010	The David and Lucile Packard	10/15/2010	10/14/2015	875,000
Tully, Christopher G Gerbaudo, Davide	2456702	Contract	Search for the Higgs Boson in the Final State with Two Muons Plus Missing Energy	Universities Research Association, Inc.	11/01/2010	10/31/2011	1,832
Callan, Curtis G Bialek, William	2456700	Grant	Collaborative Research: PoLS Student Research Network	National Science Foundation	10/01/2010	09/30/2014	561,099
Callan, Curtis G Bialek, William	2456701						80,001

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Galbiati, Cristiano Calaprice, Frank P Meyers, Peter D	2456699	Grant	Collaborative Research: A Depleted Argon Detector for a Dark Matter Search	National Science Foundation	10/01/2010	09/30/2013	1,895,812
Galbiati, Cristiano Calaprice, Frank P Meyers, Peter D	2456711						1,951,702
Galbiati, Cristiano Calaprice, Frank P Meyers, Peter D	2456773						1,777,456
Page, Lyman A Spergel, David N	2456698	Grant	Data Analysis and Systematic Tests for the WMAP Satellite	NASA Goddard Space Flight Center	08/03/2010	08/02/2013	350,000
Hasan, M. Zahid	2456697	Grant	Topological Electronic Structure in Strong Spin-orbit Coupled Materials	National Science Foundation	09/15/2010	08/31/2015	600,000
Callan, Curtis G Bialek, William Wingreen, Ned S	2456696	Grant	The Theoretical Physics of Biological Systems	National Science Foundation	09/01/2010	08/31/2013	900,000
Bernevig, Bogdan A	2456693	Grant	CAREER: Emergent Phenomena in New Quantum Materials	National Science Foundation	08/15/2010	07/31/2015	450,000
Page, Lyman A Spergel, David N Staggs, Suzanne T	2456688	Grant	ACTPol: The Atacama Cosmology Telescope with Polarization.	National Science Foundation	09/15/2010	08/31/2015	5,480,165
Page, Lyman A Spergel, David N Staggs, Suzanne T	2456689						747,640
Page, Lyman A Spergel, David N Staggs, Suzanne T	2456690						2,029,347
Page, Lyman A Spergel, David N Staggs, Suzanne T	2456691						1,142,848
Sondhi, Shivaji L	2456686	Grant	Condensed Matter Systems with Emergent Gauge Fields	National Science Foundation	10/01/2010	09/30/2013	300,000
Lieb, Elliott H	2456685	Grant	The Quantum Mechanical Many-body Problem and Statistical Mechanics	National Science Foundation	07/15/2010	06/30/2013	511,455
Steinhardt, Paul J Florescu, Marian	2456684	Grant	EAGER: Hyperuniform Disordered Photonic Band Gap Materials	National Science Foundation	08/01/2010	12/31/2012	132,843
Romalis, Michael V	2456682	Grant	Precision Measurements with Ultra-sensitive Magnetometers and Their Fundamental Limits	National Science Foundation	07/01/2010	06/30/2013	480,000
Jones, William C Rahlin, Alexandra S	2456683	Grant	Probing Inflation and the Early Universe with Measurements of the Large Scale Polarization of the Cosmic Microwave Background	NASA Headquarters - Washington	09/01/2010	08/31/2013	90,000

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Puchalla, Jason L	2456681	Grant	Mechanism of Protein Folding Intermediate Disaggregation by Molecular Chaperones	Texas A&M University	05/15/2010	04/30/2014	187,416
Sondhi, Shivaji L	2456680	Grant	The Statistical Mechanics of Quantum Satisfiability	National Science Foundation	09/01/2010	08/31/2013	518,027
Halyo, Valerie	2456677	Grant	ARRA: Diamond Pixel Luminosity Telescopes	DOE - Chicago	04/15/2010	04/14/2015	323,644
Halyo, Valerie	2456687						426,356
Marlow, Daniel R	2456676	Grant	ARRA: Exploring New Physics Beyond the Standard Model	DOE - Chicago	04/15/2010	04/14/2015	750,000
Happer, William	2456675	Grant	Physics of Optically Pumped Alkali-Metal Atoms	Air Force Office of Scientific Research	04/15/2010	04/14/2013	454,572
Happer, William	2456703						32,541
Happer, William	2456742						251,181
Gregor, Thomas	2454182	Grant	Physical Constraints and Genetic Regulation in Early Embryonic Development	Searle Scholars Program	07/01/2010	06/30/2013	300,000
Piroue, Pierre A	2456673	Contract	US Compact Muon Solenoid Research Program - Travel Costs	Fermi National Accelerator Laboratory	02/01/2010	09/30/2013	22,000
McDonald, Kirk T	2456671	Grant	SiD Detector R & D	University of Oregon	08/15/2009	08/14/2013	112,499
Calaprice, Frank P	2456669	Grant	EAGER: Research and Development of Dark Matter Detectors for Borexino	National Science Foundation	10/01/2009	09/30/2013	240,000
Galbiati, Cristiano Meyers, Peter D	2456668	Cooperative Agreement	MAX: Multi-ton Argon and Xenon TPCs	National Science Foundation	10/01/2009	09/30/2013	2,564,010
Galbiati, Cristiano Meyers, Peter D	2456678						880,206
Galbiati, Cristiano Meyers, Peter D	2456722						65,350
Romalis, Michael V	2456667	Grant	Optical Detection of NMR in Liquids	National Science Foundation	09/15/2009	08/31/2013	276,801
Galbiati, Cristiano Calaprice, Frank P Meyers, Peter D	2456664	Grant	DUSEL R&D: Depleted Argon from Underground Sources	National Science Foundation	09/01/2009	08/31/2012	1,666,772
Romalis, Michael V	2456665	Grant	Ultra-sensitive Fiber-optic Magnetometer Array (UFMA)	Air Force Research Laboratory	08/14/2009	08/14/2013	5,063,657
Page, Lyman A Parker, Lucas P	2456666	Grant	A Prototype CMB Polarimeter for a Space Mission	NASA Headquarters - Washington	09/01/2009	08/31/2013	90,000
Klebanov, Igor R	2456634	Grant	ARRA: CAREER: A Holographic World	National Science Foundation	07/01/2009	06/30/2014	400,000
Page, Lyman A	2456631	Grant	Gravitational Physics from the Cosmic Microwave Background	National Science Foundation	05/15/2009	10/31/2012	2,253,739
Page, Lyman A	2456632						175,000
Jones, William C	2454176	Grant	Sloan Fellowship	Alfred P. Sloan Foundation	09/16/2009	09/15/2011	50,000
Bernevig, Bogdan A	2454174	Grant	Sloan Fellowship	Alfred P. Sloan Foundation	09/16/2009	09/15/2011	50,000
Hasan, M. Zahid	2454175	Grant	Sloan Fellowship	Alfred P. Sloan Foundation	09/16/2009	09/15/2013	50,000
Petta, Jason R	2456628	Grant	CAREER: Coupled Quantum Degrees of Freedom in Semiconductor Nanostructures	National Science Foundation	04/01/2009	03/31/2014	525,000
Jones, William C	2456624	Contract	Planck HFI Sub-Award	Cal Tech - Jet Propulsion Lab (JPL)	12/12/2008	09/30/2015	566,047

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Petta, Jason R	2454173	Grant	Packard Fellowship - Quantum Mechanical Phenomena in Nanometer Scale Systems	The David and Lucile Packard	10/15/2008	10/14/2013	875,000
Marlow, Daniel R	2456623	Grant	Ringside Seats for US CMS Graduate Students During the Startup of the LHC	National Science Foundation	10/01/2008	09/30/2013	465,752
Petta, Jason R Pfeiffer, Loren N Shayegan, Mansour	2456621	Grant	EM/QIS: GaAs Hole Spins as Qubits: Eliminating Hyperfine Interaction-induced Decoherence	National Science Foundation	09/01/2008	08/31/2011	280,500
Shayegan,	2456622						279,500
Pfeiffer, Loren N	2456635						40,000
Yazdani, Ali	2454169	Grant	A Novel High-Frequency Scanning Tunneling Microscope for Probing and Manipulating Quantum Dynamics at the Nanoscale	Keck Foundation (The W. M.)	07/01/2008	06/30/2012	1,113,820
Petta, Jason R Yazdani, Ali	2454170						192,011
McDonald, Kirk T	2456614	Grant	Daya Bay	Brookhaven National Laboratory	04/01/2008	09/30/2011	277,216
McDonald, Kirk T	2456615						234,588
Klebanov, Igor R	2456613	Grant	Theoretical Physics	National Science Foundation	05/01/2008	04/30/2014	3,455,000
Petta, Jason R	2456612	Grant	PECASE: Coherent Control of Single Spins in Semiconducting Nanowire	Army Research Office	06/01/2008	05/31/2015	300,000
Petta, Jason R	2456670						600,000
Petta, Jason R	2456679						6,000
Petta, Jason R	2456739						206,000
Petta, Jason R	2454168	Grant	Sloan Foundation Grant	Alfred P. Sloan Foundation	09/16/2008	09/15/2012	50,000
Tully, Christopher G Marlow, Daniel R	2456610	Contract	US CMS Upgrade R&D M&O Subsystem for FY 2008 - Magnetic Testing	Fermi National Accelerator Laboratory	10/01/2007	09/30/2013	94,500
Marlow, Daniel R Tully, Christopher G	2456611						135,825
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456608	Grant	Borexino Solar Neutrino Experiment	National Science Foundation	03/01/2008	02/29/2012	2,061,650
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456609						836,350
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456619						50,179
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456695						350,000

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Marlow, Daniel R	2456606	Contract	US CMS Forward Pixels M & O Subsystem	Fermi National Accelerator Laboratory	10/01/2007	09/30/2012	165,986
Marlow, Daniel R	2456607						82,382
Staggs, Suzanne T	2456605	Grant	A New Scheme for Measuring CMB Polarization	NASA Headquarters - Washington	12/12/2007	12/11/2011	283,670
Page, Lyman A							
Pretorius, Frans	2456603	Grant	Career: Numerical Exploration of Dynamical, Strong-field Gravity	National Science Foundation	07/01/2008	06/30/2013	775,000
Yazdani, Ali	2456600	Grant	Probing Correlated Superconductors and their Phase Transitions on the Nanometer Scale	DOE - Washington	08/01/2007	07/31/2013	540,000
Yazdani, Ali	2456694						1,100,000
Huse, David A	2456596	Grant	Optical Lattice Simulations of Correlated Fermions	Rice University	07/01/2007	06/30/2013	832,047
Page, Lyman A	2456594	Grant	Data Analysis and Systematic Tests for the WMAP Satellite	NASA Goddard Space Flight Center	08/01/2007	07/31/2011	1,516,635
Spergel, David N							
Spergel, David N	2456597						381,317
Page, Lyman A							
Galbiati, Cristiano	2456591	Grant	Study of Argon for WIMP Dark Matter Detectors and Earth Sciences	National Science Foundation	06/15/2007	05/31/2012	2,019,331
Calaprice, Frank P							
Pretorius, Frans	2454164	Grant	Sloan Foundation Award	Alfred P. Sloan Foundation	09/16/2007	09/15/2011	45,000
Yazdani, Ali	2456583	Grant	Probing Individual and Interacting Dopants to Semiconductors and Superconductors on the Nanometer Scale	National Science Foundation	06/01/2007	08/31/2011	520,000
Yazdani, Ali	2456579	Grant	Probing Interaction between Magnetic Acceptors in GaAs on the Nanometer Scale	Office of Naval Research	12/01/2006	12/31/2013	423,502
Yazdani, Ali	2456674						250,632
Yazdani, Ali	2456721						200,993
Aizenman, Michael	2456572	Grant	Disorder Effects on Quantum Spectra and Dynamics	National Science Foundation	06/01/2006	09/30/2011	315,001
Hasan, M. Zahid	2456561	Grant	Synchrotron X-ray Based Electronic Structure Study of Correlated Quantum Materials	DOE - Chicago	05/01/2005	07/31/2015	1,323,007
Hasan, M. Zahid	2456629						1,256,000
Marlow, Daniel R	2456544	Grant	High Energy Physics Program (HEP)	DOE - Chicago	09/25/1991	01/31/2013	0
Dumitrescu, Thomas							
McDonald, Kirk T							
Smith, A. J. Stewart							
Steinhardt, Paul J							
Wang, Liantao							
Marlow, Daniel R	2456637						560,000
Marlow, Daniel R	2456638						198,000
Olsen, James D	2456639						115,000
Marlow, Daniel R							
Olsen, James D	2456640						35,000
Marlow, Daniel R							

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Olsen, James D	2456641	Grant	<i>Continued from above</i>	DOE - Chicago	09/25/1991	01/31/2013	243,000
Marlow, Daniel R							
Olsen, James D	2456642						44,000
Marlow, Daniel R							
Marlow, Daniel R	2456643						1,656,000
Marlow, Daniel R	2456644						298,000
Marlow, Daniel R	2456645						1,902,000
Marlow, Daniel R	2456646						370,958
Tully, Christopher	2456647						159,042
Marlow, Daniel R							
Tully, Christopher	2456648						153,000
Marlow, Daniel R							
McDonald, Kirk T	2456649						855,000
Marlow, Daniel R	2456649						
McDonald, Kirk T	2456650						130,000
Marlow, Daniel R							
Meyers, Peter D	2456653						588,159
Marlow, Daniel R							
Meyers, Peter D	2456654						211,000
Marlow, Daniel R							
Meyers, Peter D	2456655						90,841
Marlow, Daniel R							
McDonald, Kirk T	2456657						176,675
Marlow, Daniel R							
Marlow, Daniel R	2456658						472,603
Steinhardt, Paul J	2456659						1,830,697
Marlow, Daniel R							
Steinhardt, Paul J	2456660						69,000
Marlow, Daniel R							
Wang, Liantao	2456661						164,000
Marlow, Daniel R							
Halyo, Valerie	2456662						140,000
Marlow, Daniel R							
Smith, A. J.	2456692						300,000
Marlow, Daniel R							
Wang, Liantao							

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Tully, Christopher G Marlow, Daniel R Smith, A. J. Stewart	2454139	Contract	US CMS Hadron Calorimeter Subsystem	Fermi National Accelerator Laboratory	10/01/2002	09/30/2012	609,836
Tully, Christopher Marlow, Daniel R	2454145						193,986
Marlow, Daniel R	2454152	Cooperative Agreement	US CMS Software and Computing User Facilities Sub-Project	Fermi National Accelerator Laboratory	10/01/2001	09/30/2013	3,962,804

Contributions Made to Other Units :

Astrophysical Sciences

Lyman A Page
Suzanne T Staggs

Center for Theoretical Science

Paul J Steinhardt

Chemistry

Robert H Austin

Electrical Engineering

William Bialek
Frederick D Haldane

Lewis-Sigler Institute for Integrative Genomics

William Bialek
Curtis G Callan
Thomas Gregor
Joshua W Shaevitz

Mathematics

Frans Pretorius

PRISM

Robert H Austin
Bogdan A Bernevig
Thomas Gregor
Frederick D Haldane
M. Zahid Hasan
David A Huse
Nai-Phuan Ong
Jason R Petta
Paul J Steinhardt
Ali Yazdani

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Gilens, Martin I	2504058	Grant	Economic Inequality and Political Representation -- Data Preparation and Archiving	Russell Sage Foundation	05/01/2012	10/31/2012	29,047
McCarty, Nolan M	2504057	Grant	The Political Economy of Public Pension Funding	Russell Sage Foundation	03/01/2012	02/28/2015	111,471
Christensen, Thomas J Liff, Adam P	2504056	Grant	Constructing Power: Explaining the Strategic Choices of Rising States	Smith Richardson Foundation, Inc.	02/01/2012	02/01/2013	7,500
George, Robert P	2504055	Grant	American Constitutionalism and the Legacy of Progressivism (2-day conference May 21-22, 2012)	The Thomas W. Smith Foundation	11/01/2011	06/30/2012	25,000
George, Robert P	2504054	Grant	James Madison Program in American Ideals and Institutions	Earhart Foundation	09/01/2011	06/30/2012	130,000
Greenstein, Fred I	2504053	Grant	Failed and Successful Presidents from George Washington to Barack Obama	The Andrew W. Mellon Foundation	09/23/2011	09/22/2013	30,012
Keohane, Robert O Abdelaaty, Lamis	2506051	Grant	Doctoral Dissertation Research in Political Science: Political Competition and Refugee Policy	National Science Foundation	09/01/2011	08/31/2013	12,000
Beissinger, Mark R Hummel, Sarah J	2506052	Grant	Doctoral Dissertation Research in Political Science: Water and Energy Bargaining in Post-Soviet Central Asia	National Science Foundation	09/01/2011	08/31/2012	11,949
Canes-Wrone, Brandice Meirowitz, Adam H	2506050	Grant	Empirical Implications of Theoretical Models (EITM) Summer Institutes 2011-2015	University of Michigan	07/01/2011	08/31/2012	179,421
Canes-Wrone, Brandice Meirowitz, Adam H	2506053						117,315
Sagar, Rahul	2504052	Grant	Engaging the World: Indian Foreign Policy and the Future of Asia	University of Pennsylvania	03/15/2011	09/30/2012	70,807
George, Robert P	2504051	Grant	James Madison Program in American Ideals and Institutions -- renewal of 250-4046	The Lynde and Harry Bradley Fdn.,	09/01/2011	08/31/2012	65,000
Iaryczower, Matias	2506049	Grant	Collaborative Research: Empirical Analyses of Committee Voting	National Science Foundation	07/01/2011	06/30/2013	94,576
Lieberman, Evan S	2504050	Contract	Collaborative Research: Evaluation / Assessment of the Uwezo Projects in Tanzania and Kenya	Twaweza Initiative of Hivos Tanzania	01/01/2011	01/30/2014	287,760
George, Robert P	2504049	Grant	Thomas W. Smith Postdoctoral Fellows	The Thomas W. Smith Foundation	08/01/2011	07/31/2014	450,000
Imai, Kosuke	2504048	Contract	Poverty, Militancy, and Citizen Demands in Natural Resource-Rich Regions: Randomized Evaluation of the Oil Profits Dividend Plan for the Niger Delta	London School of Economics and Political Science	01/15/2011	03/31/2013	117,116
Wilson, Bradford P	2504046	Grant	James Madison Program in American Ideals and Institutions	The Lynde and Harry Bradley Fdn.,	09/01/2010	08/31/2011	65,000
Jamal, Amaney A	2506048	Grant	The Arab Barometer: Second Wave	U.S. Institute of Peace	07/01/2010	08/31/2012	119,837
Whittington, Keith E	2506047	Grant	ARRA: Collaborative Research: Backdating the U.S. Supreme Court Judicial Database, 1792-1946	National Science Foundation	09/01/2009	08/31/2013	138,122
Bartels, Larry M Carnes, Nicholas	2506046	Grant	Doctoral Dissertation Research in Political Science: Social Class and Congressional Decisionmaking	National Science Foundation	09/01/2009	08/31/2011	11,119
George, Robert P	2504044	Grant	James Madison Program	Fidelity Charitable Gift Fund	07/01/2009	08/31/2012	100,000
Imai, Kosuke	2506045	Grant	ARRA: Staistical Analysis of Causal Mechanisms: Identification, Inference, and Sensitivity Analysis	National Science Foundation	08/01/2009	07/31/2012	97,461
George, Robert P	2504039	Grant	James Madison Program	Sherrerd Foundation	06/01/2006	08/31/2011	50,000

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Contributions Made to Other Units :

Ecology and Evolutionary Biology

Adam H Meirowitz

Electrical Engineering

Jacob N. Shapiro

Princeton Institute for International and Regional Studies (PIIRS)

Mark R Beissinger

Woodrow Wilson School (WWS)

Charles M Cameron

Thomas J Christensen

Aaron L Friedberg

G John Ikenberry

Nolan M McCarty

Grigore Pop-Eleches

Jacob N. Shapiro

Jennifer A Widner

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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Searchinger, Timothy D	3444111	Grant	World Resources Report 2012-2013: Food Futures: Feeding Nine Billion People while Sustaining Ecosystem Services in a Changing Climate	World Resources Institute	02/01/2012	04/30/2013	104,400
Searchinger, Timothy D	3444105	Grant	Understanding The Land Use Implications of Biofuels	The David and Lucile Packard	09/19/2011	03/18/2012	30,000
Levin, Simon A	3446122	Grant	Coordination and Collective Decision-making	Army Research Office	08/17/2011	08/16/2014	360,000
Couzin, Iain D Leonard, Naomi E							
Williams, Robert H	3444104	Grant	Analysis and Outreach in Support of Market Establishment of Technologies for Simultaneous Decarbonization of Electricity and Transportation Fuels	Edgerton Foundation	07/01/2011	06/30/2013	400,000
Larson, Eric D							
Pacala, Stephen W	3446121	Grant	Understanding Coupling between Biogeochemical Cycling and Climate Change in Northern Ecosystems: Historical Analysis and future projections with GFDL	U.S. Dept of Agriculture	07/01/2011	06/30/2014	900,000
Hedin, Lars O Shevliakova, Elena							
Laxminarayan,	3444101	Grant	The Economic Impact of Foundation Giving	Robert Wood Johnson Foundation	12/15/2010	12/14/2013	800,000
Larson, Eric D	3446120	Cooperative Agreement	Energy, Environmental, and Economic Analyses of Design Concepts for the Co-Production of Fuels and Chemicals with Electricity via Co-Gasification of Coal and Biomass	DOE - Pittsburgh NETL	10/01/2010	03/31/2012	442,121
Williams, Robert H							
Morel-Kraepiel, Anne M	3446114	Grant	Collaborative Research: Acquisition of Nitrogenase Metal Cofactors in Soils: Role of Metallophores and Limitation of N ₂ -fixation	National Science Foundation	09/01/2010	08/31/2013	338,809
Morel, Francois							
Searchinger, Timothy D	3444084	Grant	Exploring the Potential of Expanding Cover Crops to Reduce Nitrogen Flows to the Gulf of Mexico	Walton Family Foundation	12/01/2009	12/31/2011	119,967
Levin, Simon A	3446108	Grant	Towards a Science of Sustainability	National Science Foundation	12/01/2009	11/30/2013	119,227
Levin, Simon A	3446103	Grant	Predictive Biology: Adaptability, Robustness and the Fundamental Laws of Biology	Defense Advanced Research Projects Agency	09/11/2009	09/10/2011	10,205,264
Wingreen, Ned S							
Levin, Simon A	3446104						603,865
Wingreen, Ned S	3446105						149,526
Levin, Simon A	3446106						2,170
Levin, Simon A	3446107						4,439,175
Pacala, Stephen W	3446102	Contract	Apply Decision-Support Systems to Improve Management of Forests and the Forest Carbon Cycle	Northern Research Station	09/01/2009	10/31/2011	110,000
Searchinger, Timothy D	3444081	Grant	PRODUCING MORE FOOD AND FEWER GREENHOUSE GASES: A Proposal to Organize an International Policy Study	The David and Lucile Packard	09/01/2009	08/31/2011	250,000
Pacala, Stephen W	3446101	Cooperative Agreement	Cooperative Research Agreement Between Princeton University and US Forest Service, Northern Research Station	U.S. Dept of Agriculture	04/08/2009	04/07/2014	418,750
Sarmiento, Jorge L	3436178	Cooperative Agreement	Cooperative Institute for Climate Science - <i>cont from AOS</i>	U.S. DOC - Natl Oceanic & Atmos Admin	07/01/2008	06/30/2013	0
Galbraith, Eric D	3446094						131,312
Hedin, Lars O	3446095						200,536

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Henson, Stephanie A Sarmiento, Jorge L	3446096	Cooperative Agreement	<i>Continued from above</i>	U.S. DOC - Natl Oceanic & Atmos Admin	07/01/2008	06/30/2013	29,260
Vanmarcke, Erik	3446098						83,730
Smith, James A	3446099						252,327
Ward, Bess B	3446100						149,416
Sarmiento, Jorge	3446109						20,930
Sarmiento, Jorge	3446110						48,799
Sarmiento, Jorge	3446111						215,247
Levin, Simon A	3446115						146,907
Sarmiento, Jorge	3446116						35,484
Sarmiento, Jorge	3446117						140,158
Sarmiento, Jorge	3446118						159,654
Medvigy, David M	3446119						216,850
Simons, Frederik J	3446125						58,088
Fueglistaler, Stephan A	3446126						52,091
Smits, Alexander J Bou-Zeid, Elie R	3446127						69,625
Key, Robert M	3446128						46,712
Sarmiento, Jorge	3446129						76,085
Levin, Simon A Leslie, Heather M	3444063	Grant	Managing for Resilience: Science to Advance Ecosystem-Based Management in the Sea of Cortés	The David and Lucile Packard	01/01/2006	12/15/2011	243,940
Pacala, Stephen W Socolow, Robert H	3444002	Contract	A Carbon Mitigation Initiative at Princeton University	BP International Limited	10/01/2000	12/31/2015	173,718
Pacala, Stephen Socolow, Robert H	3444003						2,281,379
Pacala, Stephen	3444004						1,059,439
Celia, Michael A	3444005						1,404,262
Socolow, Robert H	3444006						1,722,843
Pacala, Stephen Socolow, Robert H	3444020						787,081
Socolow, Robert H Pacala, Stephen W	3444028						1,321,000
Celia, Michael A Socolow, Robert H	3444029						971,430

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Pacala, Stephen	3444030	Contract	<i>Continued from Above</i>	BP International Limited	10/01/2000	12/31/2015	1,510,000
Socolow, Robert H							
Morel, Francois	3444031						549,988
Socolow, Robert H							
Bender, Michael L	3444032						696,485
Socolow, Robert H							
Pacala, Stephen	3444035						454,048
Socolow, Robert H							
Bender, Michael L	3444033						267,177
Pacala, Stephen							1,620,000
Socolow, Robert H	3444037						
Socolow, Robert H	3444042						605,000
Socolow, Robert H	3444045						1,320,000
Scherer, George	3444044						541,670
Celia, Michael A	3444043						46,143
Celia, Michael A	3444041						62,616
Celia, Michael A	3444040						100,000
Scherer, George	3444052						1,228,321
Onstott, Tullis C	3444054						18,012
Sigman, Daniel M	3444057						320,272
Oppenheimer, Michael	3444058						575,804
Oppenheimer, Michael	3444060						99,196
Pacala, Stephen	3444061						214,498
Socolow, Robert H							
Williams, Robert	3444064						40,848
Williams, Robert	3444065						34,152
Pacala, Stephen	3444068						20,000
Socolow, Robert H							
Pacala, Stephen	3444069						110,384
Socolow, Robert H							
Pacala, Stephen	3444070						10
Socolow, Robert H							
Morel, Francois	3444073						180,000
Arnold, Craig B	3444074						75,000
Arnold, Craig B	3444075						156,176

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Princeton Environmental Institute (PEI) (4)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Sarmiento, Jorge	3444077	Contract	<i>Continued from Above</i>	BP International Limited	10/01/2000	12/31/2015	299,926
Sarmiento, Jorge	3444078						554,931
Debenedetti, Pablo G	3444079						107,588
Debenedetti, Pablo G	3444080						217,412
Socolow, Robert H	3444082						71,662
Pacala, Stephen W							
Socolow, Robert H	3444083						110,000
Pacala, Stephen W							
Pacala, Stephen	3444085						3,774,540
Socolow, Robert H							
Pacala, Stephen	3444086						35,542
Socolow, Robert H							
Williams, Robert	3444088						275,000
Socolow, Robert H	3444089						750,000
Celia, Michael A	3444090						275,000
Prevost, Jean-Herve	3444091						165,739
Prevost, Jean-Herve	3444092						151,811
Pacala, Stephen	3444093						300,000
Morel, Francois	3444094						60,000
Sarmiento, Jorge	3444095						300,000
Debenedetti,	3444096						125,000
Arnold, Craig B	3444097						168,824
Bender, Michael L	3444098						125,000
Pacala, Stephen	3444099						1,021,428
Socolow, Robert H							
Oppenheimer, Michael	3444100						25,000
Stone, Howard A	3444102						60,283
Stone, Howard A	3444103						89,717
Panagiotopoulos, Athanassios Z	3444106						50,000
Panagiotopoulos, Athanassios Z	3444107						50,000
Medvigy, David M	3444108						50,000

 Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Princeton Environmental Institute (PEI) (5)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Medvigy, David M	3444109	Contract	<i>Continued from Above</i>	BP International Limited	10/01/2000	12/31/2015	50,000
Glaser, Alexander	3444110						200,000
Pacala, Stephen	3444113						10,000
Socolow, Robert H							
Pacala, Stephen	3444115						22,540
Socolow, Robert H							
Pacala, Stephen	3444116						175,370
Socolow, Robert H							

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Princeton Institute for Computational Science and Engineering (PICSciE)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Car, Roberto E, Weinan Ostriker, Jeremiah P Singh, Jaswinder P Zaldarriaga, Matias	3486004	Grant	MRI: Acquisition of a Shared Memory High Performance Computer for Modeling and Data Analysis in the Mathematical and Physical	National Science Foundation	08/15/2011	07/31/2013	1,470,000
Tromp, Jeroen	3486003	Grant	G8 Initiative: Modeling Earthquakes and Earth's Interior Based upon Exascale Simulations of Seismic Wave Propagation	National Science Foundation	03/01/2011	02/28/2014	499,796
Hillegas, Curtis W	3486002	Grant	Workshop on Research Data Lifecycle Management	National Science Foundation	06/01/2011	05/31/2012	42,895
Tang, William M	3486001	Grant	G8 Initiative: G8 Research Councils Initiative on Multilateral Research Funding	National Science Foundation	03/01/2011	02/28/2014	469,246

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Princeton Institute for International and Regional Studies (PIIRS)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Rozman, Gilbert F	4104004	Grant	East Asian National Identities: Implications for Regional Trust and U.S. Leadership	The United States-Japan Foundation	09/01/2009	08/31/2011	25,000
Beissinger, Mark R	4104003	Grant	Migration, Participation and Democratic Governance in the U.S., Europe, and the Muslim World	The Henry Luce Foundation, Inc.	07/01/2008	12/31/2012	400,000

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Osherson, Daniel N	3494009	Grant	Multimodal Neuroimaging: Diffusion Tensor Imaging, MR Spectroscopy and Susceptibility Weighted Imaging in Association with Clinical Measures to Assess Sports-Related Concussion in Varsity Level Colle...	Nat'l Operating Comm on Standards for Athletic Equipment	02/01/2012	01/31/2014	342,282
Tank, David W Berry, Michael J	3494008	Grant	Biophysics and Computation in Neurons and Networks	The Burroughs Wellcome Fund	01/01/2012	12/31/2013	400,000
Niv, Yael	3494007	Grant	Interactions Between Learning and Attention Across the Lifespan	Ellison Medical Foundation	09/01/2011	08/31/2015	400,000
Turk-Browne, Nicholas B Hutchinson, J. Benjamin	3496032	Grant	Guidance of Attention from Plasticity in Ventral Visual Cortex	National Institutes of Health	09/30/2011	09/29/2014	147,750
Norman, Kenneth A	3496031	Grant	CRCNS 2011 PI meeting at Princeton University	National Science Foundation	10/01/2011	09/30/2012	23,300
Turk-Browne, Nicholas B	3496030	Grant	Neural and Behavioral Interactions Between Attention, Perception, and Learning	National Institutes of Health	08/01/2011	07/31/2016	1,783,748
Kastner, Sabine Pinsk, Mark A	3496029	Grant	Cortical Lesion Effects on White Matter Connectivity: Diffusion Tensor Imaging of the Macaque	NJ Department of Health and Senior Services	06/01/2011	05/31/2013	179,994
Hasson, Uri	3496028	Grant	Topographic Mapping of a Hierarchy of Temporal Receptive Windows Using Natural Stimuli	National Institutes of Health	07/07/2011	03/31/2016	1,977,961
Niv, Yael	3496027	Grant	How We Learn What is Relevant to a Decision: fMRI Investigations of the Interaction Between Representation Learning and Reward Learning	National Institutes of Health	03/01/2011	02/28/2013	241,500
Todorov, Alexander T	3494006	Grant	The Neural Basis of Selfish and Selfless Social Goals	University of Pennsylvania	10/01/2010	01/31/2013	180,000
Kastner, Sabine	3496026	Grant	Representation of Object Information in the Primate Visual System	National Science Foundation	10/01/2010	09/30/2013	681,000
Niv, Yael	3494005	Grant	Neural Correlates of Multidimensional Learning: Dimensionality Reduction in Striatal Representations	U.S.-Israel Binational Science Fdn.	10/01/2010	09/30/2011	30,000
Kastner, Sabine Saalman, Yuri B	3496025	Grant	Attentional Functions of the Pulvinar	National Institutes of Health	08/01/2010	07/31/2013	434,700
Osherson, Daniel N	3496024	Grant	Longitudinal Assessment of Brain Structure and Function in Sports-Related Concussion	New Jersey Commission on Brain Injury Research	06/01/2010	05/31/2013	474,836
Niv, Yael	3494004	Grant	Alfred P. Sloan Research Fellowship - Yael Niv	Alfred P. Sloan Foundation	09/15/2010	09/15/2014	50,000
Osherson, Daniel N Putukian, Margot Dettwiler-Danspeckgruber, Annegret	3494003	Grant	Longitudinal Assessment of Brain Structure and Function in Sports-Related Concussion	American Medical Society of Sports Medicine Foundation	04/01/2010	03/31/2012	24,717
Hasson, Uri	3496023	Grant	ARRA: The Neural Correlates of Effective Drug Prevention Messages	New York University	06/20/2009	05/31/2012	214,794
Cohen, Jonathan D	3496022	Grant	ARRA: Recovery Act Funds for Administrative Supplement: Cognitive and Neural Mechanisms of Decision and Control	National Institutes of Health	09/30/2009	08/31/2011	203,723
Botvinick, Matthew M	3494002	Grant	Prospective Control of Action: Computational Principles, Neural Substrates, and Clinical Implications	Albert Einstein Healthcare Network	06/01/2009	05/31/2013	399,150

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Norman, Kenneth A	3496021	Grant	Computational Neural and Behavioral Studies of Competition-Dependent Learning	National Institutes of Health	08/07/2009	05/31/2014	1,934,790
Kastner, Sabine Mruczek, Ryan E	3496020	Grant	NRSA: Dissociating Feature- and Space-based Attention in the Frontoparietal Network	National Institutes of Health	04/15/2009	04/14/2012	150,485
Norman, Kenneth A Daubechies, Ingrid C Ramadge, Peter J	3496015	Grant	Analysis of Multi-voxel Patterns of Activity in fMRI Data	Dartmouth College	01/01/2008	05/31/2012	479,615
Daubechies,	3496018						160,376
Ramadge, Peter J	3496019						248,776
Cohen, Jonathan D	3496008	Grant	NRSA Training Grant in Quantitative Neuroscience	National Institutes of Health	08/01/2008	07/31/2013	0
Cohen, Jonathan	3496011						332,796
Cohen, Jonathan	3496012						413,275
Todorov, Alexander T	3496007	Grant	Neural systems for face evaluation	National Science Foundation	09/01/2008	08/31/2012	549,992
Kastner, Sabine	3476064	Grant	Neural Basis of Visual Attention	National Institutes of Health	01/18/2008	12/31/2013	1,745,194
Holmes, Philip J Cohen, Jonathan D	3476062	Grant	Dynamic Decision Making in Complex Task Environments: Principles and Neural Mechanisms	Stanford University	07/01/2007	06/30/2012	2,103,863
Botvinick, Matthew M	3476061	Grant	Investigating language with Multi-Voxel Pattern Analysis	National Institutes of Health	06/15/2007	05/31/2013	1,659,353
Kastner, Sabine	3476058	Grant	Functions of the Thalamus in Perception and Cognition	National Institutes of Health	04/01/2007	08/31/2012	1,939,621
Tank, David W Cohen, Jonathan D	3496001	Grant	Training Program in Quantitative and Computational Neuroscience	National Institutes of Health	09/30/2006	07/31/2012	0
Tank, David W Cohen, Jonathan D	3496006						161,763
Tank, David W Cohen, Jonathan D	3496000	Grant	Training Program in Quantitative and Computational Neuroscience	National Institutes of Health	09/30/2006	07/31/2012	814,254
Cohen, Jonathan D	3476056	Grant	Neural Mechanisms and Social Influence in Delay Discounting and Impulsive Choice	National Institutes of Health	09/30/2006	08/31/2012	1,559,975
Cohen, Jonathan D	3476035	Grant	Cognitive and Neural Mechanisms of Decision and Control (PROJECT 1)	National Institutes of Health	09/21/2005	08/31/2011	977,861
Cohen, Jonathan Kastner, Sabine	3476036						1,018,725
Cohen, Jonathan	3476037						672,229
Cohen, Jonathan	3476038						1,007,781
Cohen, Jonathan	3476039						2,238,579
Holmes, Philip J	3476040						833,880
Cohen, Jonathan	3476041						583,548
Cohen, Jonathan	3476042						630,974
Cohen, Jonathan	3476043						592,151
Cohen, Jonathan	3476044						190,579

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Cohen, Jonathan	3476045	Grant	<i>Continued from Above</i>	National Institutes of Health	09/21/2005	08/31/2011	279,627
Cohen, Jonathan	3476046						781,893
Cohen, Jonathan	3476047						801,206
Haxby, James V							
Cohen, Jonathan	3476057						473,017
Cohen, Jonathan D	3474008	Grant	Behavioral and Neuroscientific Studies of Attention and Emotion in Buddhist Adepts	Mind and Life Institute	07/01/2004	12/31/2011	100,000
Kahneman, Daniel							
Treisman, Anne M							

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ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Raitses, Yevgeny	3954122	Contract	WFO Agreement	Lockheed Martin Corporation	04/04/2012	07/03/2012	0*
Raitses, Yevgeny	3954121	Contract	WFO Agreement	University of California at Los Angeles	01/24/2012	09/14/2016	0*
Zakharov, Leonid E	3954120	Contract	WFO Agreement	FAR-TECH, Inc.	12/01/2011	11/30/2013	0*
Kalish, Michael R	3954119	Contract	WFO Agreement	Institute of Plasma Physics-Chinese Academy of Sciences	11/21/2011	12/21/2013	0*
Johnson, Jay R	3954118	Contract	DOE Work for Others	University of Alaska at Fairbanks	09/27/2011	11/30/2011	0*
Prager, Stewart C	3954117	Contract	DOE Work for Others	The Pennsylvania State University	06/22/2011	01/31/2013	0*
Loesser, G. Douglas	3954116	Contract	DOE Work for Others	Institute for Plasma Research	05/09/2011	05/08/2012	0*
Jardin, Stephen C	3954115	Contract	DOE Work for Others	ITER Organization	03/17/2011	03/16/2014	0*
Zakharov, Leonid E	3954114	Contract	DOE Work for Others	ITER Organization	03/17/2011	03/16/2012	0*
Skinner, Charles H	3954112	Contract	DOE Work for Others	ITER Organization	04/06/2010	03/10/2012	0*
Majeski, Richard P	3954111	Contract	DOE Work for Others	Ulramet	03/25/2010	05/14/2012	0*
Raitses, Yevgeny	3956530	Contract	WFO: Plasma Assisted Synthesis of Graphene for Mass Production and Applications	Applied Plasma Science, L.L.C.	03/19/2010	04/30/2012	0*
Majeski, Richard P	3954110	Contract	DOE Work for Others	Third Dimension Technologies	01/07/2010	10/31/2011	0*
Hosea, Joel C	3954109	Contract	DOE Work for Others	Pohang University of Science and Technology	10/01/2009	06/30/2012	0*
Grisham, Larry R	3954108	Contract	DOE Work for Others	ITER Organization	11/05/2009	11/04/2012	0*
Grisham, Larry R	3954107	Contract	DOE Work for Others	ITER-India	09/18/2009	03/17/2013	0*
Park, Jong-Kyu	3954106	Grant	DOE Work for Others	Columbia University	07/29/2009	02/14/2012	0*
Gentile, Charles A Meixler, Lewis D	3956529	Contract	Miniature Integrated Nuclear Detection System (MINDS) Research & Development	InSitech, Inc.	05/21/2008	12/31/2012	0*
Bleach, Anthony F Kim, Eun-Hwa Yamada, Masaaki	3956001	Contract	Plasma Physics Laboratory	DOE - Chicago	07/01/1987	12/31/2999	0*
Prager, Stewart C Bleach, Anthony F	3956002						0*
Prager, Stewart C Bleach, Anthony F Cheng, Chio Z Davidson, Ronald C Ellis, Robert A Fisch, Nathaniel J Gentile, Charles A Hammett, Gregory W	3956003						0*

* On amounts showing \$0, the funding is forwarded directly by the Sponsor to DOE.

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

Princeton Plasma Physics Laboratory (2)

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Ji, Hantao Johnson, Jay R Kim, Eun-Hwa McCune, Douglas C Meixler, Lewis D Yamada, Masaaki	3956003	Contract	<i>Continued from Above</i>	DOE - Chicago	07/01/1987	12/31/2999	0*

Contributions Made to Other Units :

Astrophysical Sciences

Nathaniel J Fisch

Hantao Ji

Stewart C Prager

Princeton Institute for Computational Science and Engineering (PICSciE)

William M Tang

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS

7/01/2011 - 6/30/2012

<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Selloni, Annabella Ong, Nai Phuan	3396527	Grant	MRSEC PREM - Computational Research and Education for Emergent Materials	California State University, Northridge	06/01/2012	05/31/2017	394,596
Selloni, Annabella Ong, Nai Phuan	3396528						30,000
Priestley, Rodney D	3394066	Grant	American Chemical Society Project SEED 2012-Summer 1	American Chemical Society	06/01/2012	05/31/2013	3,000
McAlpine, Michael C Simmelhack, Martin F Stone, Howard A	3396520	Grant	Bio-Nanocombinatoric Synthesis and Quorum Sensing	Air Force Office of Scientific Research	06/15/2012	06/14/2015	500,000
Simmelhack, Martin F Stone, Howard A	3396521						50,000
Law, Chung K	3396516	Grant	2012 Princeton-CEFRC Summer Conference	Army Research Office	05/07/2012	11/06/2012	10,000
Prucnal, Paul R	3394065	Contract	Spiking Neuron	Lockheed Martin Corporation	04/01/2012	12/15/2012	50,000
Haataja, Mikko P Benziger, Jay B	3396513	Grant	REU Site: EMERGE: Energy, Materials and the Environment: Researchers Gaining Experience	National Science Foundation	05/01/2012	04/30/2015	195,000
Haataja, Mikko P Benziger, Jay B	3396514						125,000
Arnold, Craig B	3396511	Grant	STTR:Laser Vapor Deposition for Thin-Film Functional Polymers and Nanocomposites	Appliflex LLC	12/01/2011	11/30/2013	62,000
Shayegan, Mansour Bernevig, Bogdan A Haldane, Frederick D Pfeiffer, Loren N	3394061	Grant	Wavefunction Engineering for a Topological Quantum Computer	Keck Foundation (The W. M.)	12/15/2011	12/14/2014	490,000
Pfeiffer, Loren N Shayegan, Mansour	3394062						180,000
Bernevig, Bogdan Shayegan, Mansour	3394063						180,000
Haldane, Shayegan, Mansour	3394064						150,000
Steinberg, Daniel J	3396508	Grant	NISE Network Mini Grant	Nanoscale Informal Science Education	12/01/2011	12/31/2012	3,000
Lyon, Stephen A Tyryshkin, Alexei M	3396504	Contract	Donor Spin Qubit Devices in Silicon	Lawrence Berkeley National	04/21/2011	02/28/2013	317,738
Sturm, James C Kahn, Antoine Schwartz, Jeffrey Wagner, Sigurd	3396503	Grant	Hole-Blocking Layers for Silicon/Organic Heterojunctions: A New Class of High-Efficiency Low-Cost PV	DOE- Golden Field Office	09/01/2011	10/31/2015	1,291,138
Kahn, Antoine Sturm, James C	3396506						103,276

Note: Lead Principal Investigators are listed using bold face letters. Indented names are child project/grants.

ACTIVE SPONSORED PROJECTS
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<u>Investigator</u>	<u>Proj/Grnt</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Schwartz, Jeffrey Sturm, James C	3396507	Grant	<i>Continued from Above</i>	DOE- Golden Field Office	09/01/2011	10/31/2015	82,195
Arnold, Craig B	3396502	Contract	SBIR: Mid-IR Spectral Beam Combining Using Volume Gratings	Daylight Solutions Inc.	11/01/2011	07/31/2012	40,000
Sturm, James C	3394060	Contract	STEP-B	Sheda Science and Technology	10/10/2011	06/30/2013	140,000
McAlpine, Michael C	3396500	Grant	Buckled Piezoelectric Nanoribbons: Morphology, Nanomechanics, and Flexoelectricity	Army Research Office	11/01/2011	10/31/2014	364,828
Gmachl, Claire F	3396498	Contract	Multichannel MWIR Open-path Chemical Sensor	Utah State University Research Foundation	09/01/2011	08/31/2012	61,094
Ong, Nai Phuan	3396496	Grant	Transport Experiments on Topological Insulators	Army Research Office	09/15/2011	09/14/2014	450,000
Shayegan, Mansour Lyon, Stephen A Ong, Nai Phuan Pfeiffer, Loren N	3396499	Grant	MRI: Acquisition of a Cryogen-free Dilution Refrigerator with a 12 T Magnet	National Science Foundation	10/01/2011	09/30/2013	436,024
Wysocki, Gerard	3396497	Grant	ERC - Small Business: Remote Chemical Sensing Instrumentation Based on Chirped Laser Dispersion Spectroscopy	National Science Foundation	09/15/2011	08/31/2013	200,000
McAlpine, Michael C	3394059	Contract	Samarai Air Vehicle	Lockheed Martin Corporation	09/01/2011	12/31/2011	50,000
Chou, Stephen Y	3396470	Grant	Innovative, High-Performance, Electron Source Using Plasmonic Nanostructures and Other Nanotechnology for Miniaturized Integrated X-Ray System	SPAWARSYSCEN PACIFIC	08/19/2011	08/18/2014	1,570,000
Lyon, Stephen A Tyryshkin, Alexei M	3396469	Grant	Materials World Network: Spin Entanglement Using Transient Electrons in C and Si-based Materials	National Science Foundation	09/01/2011	08/31/2015	520,000
Arnold, Craig B	3396468	Grant	EAGER: Multiphoton polymerization with optical trap assisted nanopatterning	National Science Foundation	08/01/2011	07/31/2013	100,000
Prucnal, Paul R	3396463	Contract	I2WD-11-003 Optical Cancellation of Broadband RF Interference	CACI Technology Inc.	07/19/2011	09/28/2012	454,927
Arnold, Craig B	3396462	Grant	High-Index, Non-Linear Chalcogenide Optics for Subwavelength Laser Processing and Imaging	Air Force Office of Scientific Research	07/15/2011	07/14/2014	377,210
Law, Chung K	3396461	Grant	Summer Workshop	National Science Foundation	07/01/2011	09/30/2011	9,864
Priestley, Rodney D	3394058	Grant	American Chemical Society Project SEED 2011-Summer 1	American Chemical Society	06/01/2011	08/31/2012	3,500
Law, Chung K	3396459	Grant	Princeton CEFRC summer conference	Army Research Office	06/30/2011	12/29/2011	8,000
Petta, Jason R	3396460	Contract	Targeted Research - Few-electron Si/SiGe Double Quantum Dots	HRL Laboratories, LLC	06/20/2011	06/19/2013	854,000
Yazdani, Ali	3396454	Grant	FITT: Development of a Low voltage, Low Power Transistor Based Ontopological Surface States	SPAWARSYSCEN PACIFIC	06/02/2011	06/30/2015	4,834,759
Yazdani, Ali	3396455						181,715
Yazdani, Ali	3396456						400,066
Yazdani, Ali	3396457						249,998
Yazdani, Ali	3396458						399,965
Yazdani, Ali	3396529						1,650,360

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Gmachl, Claire F	3396453	Grant	Low Power Consumption Lasers for Next Generation Miniature Spectrometers for Venus and Mars	Cal Tech - Jet Propulsion Lab (JPL)	04/27/2011	03/25/2012	44,672
Sturm, James C Verma, Naveen Wagner, Sigurd	3396448	Grant	Energy Efficient Buildings HUB (EEB HUB)	The Pennsylvania State University	02/01/2011	01/31/2016	2,561,461
Sturm, James C	3396449						158,327
Jha, Niraj K	3396450						61,151
Verma, Naveen	3396451						139,407
Wagner, Sigurd	3396452						120,521
Gmachl, Claire F	3396447	Contract	Electrically-Pumped III-Nitride Intersubband Lasers	Kyma Technologies, Inc.	01/05/2011	01/04/2013	40,000
Gmachl, Claire F	3396446	Grant	REU Site: Interdisciplinary Research Experience for Undergraduates in Mid-InfraRed Technologies for Health and the Environment (I-MIRTHE REU)	National Science Foundation	04/01/2011	03/31/2014	278,750
Gmachl, Claire F	3396537						63,850
Houck, Andrew A	3396445	Grant	PECASE: Quantum Computing, Quantum Control, and Quantized Non-Linear Optics with Superconducting Circuits	Army Research Office	02/10/2011	02/09/2016	800,000
Houck, Andrew A	3396512						200,000
Pfeiffer, Loren N	3394055	Grant	Growth of High-Purity Gallium Arsenide	Gordon and Betty Moore Foundation	11/14/2010	12/31/2013	2,215,718
Pfeiffer, Loren N	3396443	Grant	Study of Quantum Hall Liquids Using Single Electron Transistors	University of Michigan	08/15/2010	07/31/2013	65,000
Chou, Stephen Y Sturm, James C	3396441	Grant	Study of Nanoscale Tunneling-FETs for Steep Subthreshold Slope	Army Research Laboratory	09/01/2010	02/28/2013	227,000
Sturm, James C Chou, Stephen Y	3396442						100,000
Car, Roberto	3396440	Grant	CMSN: Structure and Dynamics of Water and Aqueous Solutions in Materials Science	DOE - Chicago	09/01/2010	08/31/2013	935,000
Car, Roberto	3396501						25,000
Dogariu, Arthur	3396435	Contract	Feasibility Study for Remote Detection of Explosives Using CARS Spectroscopy	LGS Innovations LLC	05/01/2010	07/15/2011	198,449
Haataja, Mikko P	3396434	Grant	Fluctuating Lipid Membranes: Structure, Non-equilibrium Dynamics, and Coupling to Membrane Proteins	National Science Foundation	10/01/2010	09/30/2013	270,000
Houck, Andrew A	3396433	Grant	Circuit QED Approach to Multi-Qubit Superconducting Quantum Computing	International Business Machines Corp. (IBM)	07/01/2010	11/30/2014	1,759,808
Gmachl, Claire F	3396430	Contract	Multi-Wavelength Laser with Broad Spectral Coverage	Daylight Solutions Inc.	06/01/2010	05/31/2013	75,000
Lyon, Stephen A	3396432	Grant	Physics of Confined Electrons and Electron Spins on Liquid Helium	National Science Foundation	09/15/2010	08/31/2014	520,000
Lyon, Stephen A	3396495						7,500
Gmachl, Claire F	3396429	Grant	High-Resolution Tunable Receiver for Remote THz Sensing	Esensors, Inc.	07/01/2010	01/14/2013	99,999
Wagner, Sigurd	3396427	Grant	Novel PECVD Single Layer Thin Film Encapsulation for Organic Devices (Phase II)	Universal Display Corporation	03/15/2010	02/29/2012	149,999
Zondlo, Mark A	3396426	Grant	High Precision, Range-Resolved Remote Gas Sensing	Bridger Photonics	07/01/2010	06/30/2012	92,507

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Houck, Andrew A	3396423	Grant	Scanned Probe Cavity Quantum Electrodynamics	Space and Naval Warfare Systems Command	06/17/2010	06/16/2013	300,000
Sturm, James C	3394049	Contract	Enabling Technology for High Yield Harvesting of Stem Cells for Clinical Applications	GPB Scientific, LLC	07/01/2010	10/31/2012	500,403
Austin, Robert H							
Gmachl, Claire F	3396422	Grant	Consortium of Spectroscopic Sensor Systems (CoS3):An Integrated, Systematic & Entrepreneurial Approach to Engineering Education	Stony Brook University	03/01/2010	02/28/2013	280,000
Prud'homme, Robert K	3396399	Contract	Covert Marks Inkjet Delivery and Detection System	Honeywell Inc.	04/05/2010	06/30/2012	251,613
Ju, Yiguang							
Ju, Yiguang	3396400						177,719
McAlpine, Michael C	3396397	Grant	Piezoelectric and Semiconducting Ribbon for Flexible Energy Harvesting	Space and Naval Warfare Systems Command	05/05/2010	05/04/2012	347,193
McAlpine, Michael C	3396396	Grant	EAGER: Piezoelectric Nanoribbon Assemblies Printed onto Rubber for Highly Efficient, Flexible Energy Harvesting	National Science Foundation	06/01/2010	05/31/2012	50,000
Arnold, Craig B	3396394	Grant	IGERT: Nanotechnology for Clean Energy	Rutgers University	08/15/2009	07/31/2013	685,920
Bernasek, Steven L							
Kahn, Antoine							
Selloni, Annabella							
Soboyejo, Winston O							
Houck, Andrew A	3396392	Grant	CAREER: Strongly Correlated Photons in Microwave Cavities and Coupled Cavity Arrays	National Science Foundation	06/01/2010	05/31/2015	660,000
Wagner, Sigurd	3394047	Contract	Permeation Barrier for Flexible Displays	Universal Display Corporation	01/01/2010	12/31/2012	354,302
Car, Roberto	3396388	Grant	Ab-Initio Molecular Dynamics: Novel Developments with Application to H Bonded Systems	National Science Foundation	01/15/2010	12/31/2013	450,000
Lyon, Stephen A	3396374	Grant	Pulsed Electron Spin Resonance Spectrometer for Quantum Information Research	Army Research Office	12/15/2009	12/14/2011	666,148
Sturm, James C	3396372	Grant	Digital Control of Exchange Interaction in a Spin-based Silicon Quantum Computer	Purdue University	09/25/2009	09/24/2012	267,500
Lyon, Stephen A	3396371	Grant	Electrical Manipulation of Spin Qubits in Lithium Doped Silicon	Army Research Office	11/13/2009	11/12/2013	224,133
Tyryshkin, Alexei M							
Lyon, Stephen A	3396509						165,867
Tyryshkin, Alexei M							
Prucnal, Paul R	3394046	Contract	Terahertz Photonic Pulse Processing for Adaptive Sensing and Control	Lockheed Martin Corporation	11/05/2009	11/30/2013	300,000
Austin, Robert H	3396332	Cooperative Agreement	Explosive Evolution Under Stress: The Driving Forces of Cancer Dynamics	National Institutes of Health	09/28/2009	07/31/2014	2,839,311
Sturm, James C							
Torquato, Salvatore							
Sturm, James C	3396333						308,110
Austin, Robert H	3396334						168,625
Austin, Robert H	3396335						79,681

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Austin, Robert H	3396336	Cooperative	<i>Continued from Above</i>	National Institutes of Health	09/28/2009	07/31/2014	72,866
Nelson, Celeste M	3396337	Agreement					50,000
Austin, Robert H							
Austin, Robert H	3396338						109,510
Austin, Robert H	3396339						92,750
Austin, Robert H	3396343						169,264
Austin, Robert H	3396344						115,250
Austin, Robert H	3396345						94,720
Austin, Robert H	3396346						111,633
Austin, Robert H	3396347						39,280
Austin, Robert H	3396348						40,000
Austin, Robert H	3396350						15,250
Sturm, James C	3396352						21
Sturm, James C	3396353						28,012
Sturm, James C	3396354						83,929
Sturm, James C	3396355						89,048
Austin, Robert H	3396356						40,250
Austin, Robert H	3396357						40,154
Sturm, James C	3396358						73,945
Austin, Robert H	3396361						107,172
Austin, Robert H	3396362						8,593
Austin, Robert H	3396363						487,237
Austin, Robert H	3396364						8
Austin, Robert H	3396366						367,518
Austin, Robert H	3396367						116,960
Sturm, James C	3396368						122,790
Sturm, James C	3396369						511,565
Austin, Robert H	3396375						156,689
Austin, Robert H	3396377						950,765
Austin, Robert H	3396376						200,208
Austin, Robert H	3396378						203,024
Austin, Robert H	3396379						1,047,440
Sturm, James C	3396380						155,691
Sturm, James C	3396381						987,462
Sturm, James C	3396382						102,489

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Sturm, James C	3396383	Cooperative	<i>Continued from Above</i>	National Institutes of Health	09/28/2009	07/31/2014	101,759
Austin, Robert H	3396384	Agreement					703,791
Austin, Robert H	3396385						660,512
Austin, Robert H	3396471						181,762
Austin, Robert H	3396472						52,002
Austin, Robert H	3396473						142,677
Austin, Robert H	3396474						210,237
Austin, Robert H	3396475						186,623
Austin, Robert H	3396476						91,425
Sturm, James C	3396477						75,457
Sturm, James C	3396478						250,619
Austin, Robert H	3396505		31,075				
Houck, Andrew A	3394045	Grant	Quantum Information and Quantum Optics with Integrated Circuits	The David and Lucile Packard	10/15/2009	10/14/2014	875,000
Pfeiffer, Loren N	3396331	Grant	ARRA: Elucidating the Anomalous Metallic State in Strongly Correlated 2D Fermions with Density of States Measurements	Case Western Reserve University	09/01/2009	08/31/2012	45,000
Pfeiffer, Loren N	3396328	Grant	MRI: Development of Molecular Beam Exptaxy Apparatus for Growth of Two Dimensional Electron Gas Systems with Mobility of 100,000,000 cm ² /Vs	National Science Foundation	10/01/2009	09/30/2013	1,800,000
Shayegan, Mansour Tsui, Daniel C							
Gmachl, Claire F	3396329	Grant	MIRTHE Industry Experts in Packaging	National Science Foundation	01/01/2010	12/31/2013	859,506
Gmachl, Claire F	3396326	Grant	MIRTHE Post-Doctoral Fellowship in Industry	National Science Foundation	09/01/2009	08/31/2012	472,165
Shayegan, Mansour	3396325	Grant	Two-dimensional Electron Systems in AlAs Quantum Wells: Fabrication and Physics	National Science Foundation	08/15/2009	07/31/2013	610,000
Law, Chung K	1506075	Grant	Energy Frontier Research Center for Combustion Science	DOE - Washington	08/01/2009	07/31/2014	219,999
Carter, Emily A Dryer, Frederick L Ju, Yiguang							
Carter, Emily A	1506076						63,896
Law, Chung K	1506080						749,721
Law, Chung K	1506081						697,430
Law, Chung K	1506082						865,340
Law, Chung K	1506083						742,796
Law, Chung K	1506094						975,250
Law, Chung K	1506085						735,250
Law, Chung K	1506086						2,484,050
Law, Chung K	3396401						1,077,945
Carter, Emily A Dryer, Frederick L Ju, Yiguang							

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Carter, Emily A Law, Chung K	3396402	Grant	<i>Continued from Above</i>	DOE - Washington	08/01/2009	07/31/2014	656,104
Ju, Yiguang Law, Chung K	3396403						635,318
Dryer, Frederick L Law, Chung K	3396404						552,269
Law, Chung K	3396405						2,335,749
Law, Chung K	3396406						230,431
Law, Chung K	3396407						1,530,959
Law, Chung K	3396408						1,251,121
Law, Chung K	3396410						145,001
Law, Chung K	3396411						150,250
Law, Chung K	3396414						120,250
Law, Chung K	3396421						317,618
Arnold, Craig B	3396320	Grant	ARRA: Self-positioning microspheres for direct-write nanolithography using Bessel beam optical traps	National Science Foundation	10/01/2009	09/30/2012	316,627
Miles, Richard B Rabitz, Herschel A	3396321	Grant	Long Range Explosive Vapor Plume Detection by Radar Optimal Dynamic Discrimination (RODD) for Counter IED	Office of Naval Research	07/01/2009	03/31/2013	597,500
Miles, Richard B Rabitz, Herschel A	3396510						212,500
McAlpine, Michael C	3394043	Grant	Prevention and Diagnosis of Asthma via Ultra-Sensitive and Selective Molecular Nanosensors	American Asthma Foundation	07/01/2009	06/30/2012	450,000
Torquato, Salvatore Steinhardt, Paul J	3396314	Grant	NYU NSF/MRSEC: Semantophoretic Assemblies	New York University	09/01/2008	08/31/2014	732,000
Petta, Jason R Brinkman, William F Sturm, James C	3396311	Grant	Harnessing Quantum Entanglement in Semiconductor Circuits	Defense Advanced Research Projects Agency	12/29/2008	08/31/2013	4,435,415
Sturm, James C	3396312						353,080
Sturm, James C	3394040	Contract	Thin Film Solid State Organic Energy Conversion Devices	University of Michigan	01/01/2009	04/30/2014	76,659
Lyon, Stephen A	3396306	Grant	Ensembles of Gated Quantum Dots	University of Wisconsin	10/01/2008	09/30/2012	824,000
Ong, Nai Phuan	3396205	Cooperative Agreement	Materials Research Science and Engineering Center (MRSEC)	National Science Foundation	09/01/2008	08/31/2014	0
Ong, Nai Phuan	3396206						854,450
Steinberg, Daniel	3396207						1,049,540
Steinberg, Daniel	3396208						140,460
Novembre, Anthony	3396209						260,833
Ong, Nai Phuan	3396210						1,920,000

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Ong, Nai Phuan	3396212	Cooperative	<i>Continued from Above</i>	National Science Foundation	09/01/2008	08/31/2014	250,000
Ong, Nai Phuan	3396213	Agreement					833,333
Ong, Nai Phuan	3396214						100,000
Cava, Robert J	3396215						34,433
Cava, Robert J	3396216						510,000
Haldane, Frederick D	3396217						150,000
Hasan, M. Zahid	3396218						490,000
Huse, David A	3396219						60,000
Ong, Nai Phuan	3396220						584,750
Petta, Jason R	3396221						356,250
Tsui, Daniel C	3396222						65,000
Yazdani, Ali	3396223						490,000
Ong, Nai Phuan	3396224						25,000
Bernevig, Bogdan	3396225						90,000
Ong, Nai Phuan	3396226						87,000
Kahn, Antoine	3396230						191,751
Arnold, Craig B	3396231						310,112
Bernhard, Stefan	3396232						62,112
Kahn, Antoine	3396233						336,112
Loo, Lynn	3396234						335,115
Schwartz, Jeffrey	3396235						310,112
Selloni, Annabella	3396236						162,000
Soboyejo,	3396237						245,078
Soos, Zoltan G	3396238						270,000
Sturm, James C	3396239						310,112
Ong, Nai Phuan	3396240						248,000
Ong, Nai Phuan	3396241						62,000
Panagiotopoulos, Athanassios Z	3396245						79,837
Chou, Stephen Y	3396246						230,000
Haataja, Mikko P	3396247						290,000
Loo, Lynn	3396248						340,000
Panagiotopoulos, Athanassios Z	3396249						320,000
Register, Richard	3396250						500,000

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Russel, William B	3396251	Cooperative	<i>Continued from Above</i>	National Science Foundation	09/01/2008	08/31/2014	130,000
Ong, Nai Phuan	3396252	Agreement					30,000
Yazdani, Ali	3396257						41,451
Bhatt, Ravindra N	3396258						76,009
Gmachl, Claire F	3396260						86,050
Lyon, Stephen A	3396261						285,567
Petta, Jason R	3396262						478,969
Shayegan,	3396263						352,417
Tsui, Daniel C	3396264						40,000
Yazdani, Ali	3396265						385,371
Ong, Nai Phuan	3396266						352,750
Houck, Andrew A	3396267						114,500
Pfeiffer, Loren N	3396268						248,526
Huse, David A	3396269						95,000
Ju, Yiguang	3396271						62,500
Arnold, Craig B	3396272						62,500
Gmachl, Claire F	3396273						105,500
Haataja, Mikko P	3396274						62,500
Benziger, Jay B	3396275						52,500
Shayegan,	3396276						43,000
Houck, Andrew A	3396277						45,500
McAlpine, Michael	3396278						45,500
Link, A. James	3396279						43,000
Gregor, Thomas	3396280						28,000
Priestley, Rodney	3396281						77,000
Priestley, Rodney	3396282						44,500
Ong, Nai Phuan							
Brynildsen, Mark	3396283						26,000
Ong, Nai Phuan							
Tureci, Hakan E	3396284						26,000
Ong, Nai Phuan							
Verma, Naveen	3396285						26,000
Ong, Nai Phuan							
Sturm, James C	3396286						60,000
Priestley, Rodney	3396287						30,000
Stone, Howard A	3396288						30,000

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Sturm, James C	3396289	Cooperative	<i>Continued from Above</i>	National Science Foundation	09/01/2008	08/31/2014	30,000
Chan, Garnet K	3396290	Agreement					30,000
Ong, Nai Phuan	3396330						30,000
Ong, Nai Phuan	3396436						77,000
Yao, Nan							
Ong, Nai Phuan	3396437						93,000
Wagner, Sigurd	3396203	Grant	Synaptic Architecture Preservation by Uric Acid and P2Y1 Antagonists after TB1	Rutgers University	06/01/2008	05/31/2012	300,000
Scherer, George W	3396202	Grant	MRI: Acquisition of Environmental Scanning Electron Microscope	National Science Foundation	09/01/2008	11/30/2011	563,712
Austin, Robert H							
Bocarsly, Andrew B							
Onstott, Tullis C							
Peters, Catherine A							
Prud'homme, Robert K							
Soboyejo, Winston O							
Sturm, James C							
Wagner, Sigurd							
Yao, Nan							
Shayegan, Mansour	3396145	Grant	Transport in Spin-Split Two-Dimensional Systems	DOE - Germantown	11/15/2006	11/14/2015	1,539,000
Gmachl, Claire F	3396140	Grant	High-Efficiency and High-Power Mid-Wave Infrared Cascade Lasers	Air Force Research Laboratory	02/01/2007	05/31/2012	3,833,832
Selloni, Annabella	3396135	Grant	(PREM) Partnership for Research and Education in Materials	California State University, Northridge	07/01/2006	06/30/2012	105,911
E, Weinan							
Ong, Nai Phuan							
Register, Richard A							
E, Weinan	3396136						41,180
Selloni, Annabella	3396196						169,554
Ong, Nai Phuan							
Register, Richard A							
Lyon, Stephen A	3396126	Contract	Pulsed Spin Resonance of Donor Electrons in Nanoscale Si Devices	Lawrence Berkeley National	06/01/2006	09/30/2011	786,400
Tyryshkin, Alexei M							
Lyon, Stephen A	3396428						227,300
Tyryshkin, Alexei M	3396428						
Selloni, Annabella	3396124	Grant	Theoretical Research Program on Bio-inspired Inorganic Hydrogen Generating Catalysts and Electrodes	DOE - Washington	09/15/2006	03/14/2013	675,000
Car, Roberto							
Selloni, Annabella	3396398						675,000
Car, Roberto							

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Gmachl, Claire F	3396104	Cooperative Agreement	Mid-Infrared Technologies for Health and the Environment (MIRTHE)	National Science Foundation	05/01/2006	04/30/2014	95,303
Gmachl, Claire F	3396105						1,289,421
Gmachl, Claire F	3396106						940,385
Gmachl, Claire F	3396107						348,487
Gmachl, Claire F	3396108						175,210
Gmachl, Claire F	3396109						581,398
Gmachl, Claire F	3396110						210,979
Gmachl, Claire F	3396111						58,908
Gmachl, Claire F	3396112						133,651
Gmachl, Claire F	3396113						121,323
Gmachl, Claire F	3396114						360,695
Smith, James A	3396115						383,781
Smith, James A	3396116						100,000
Gmachl, Claire F	3396117						55,578
Gmachl, Claire F	3396118						447,639
Gmachl, Claire F	3396119						1,049,527
Montemarano, Joseph X	3396120						155,368
Gmachl, Claire F	3396128						66,404
Gmachl, Claire F	3396151						334,742
Gmachl, Claire F	3396152						1,023,791
Gmachl, Claire F	3396153						107,008
Gmachl, Claire F	3396154						428,823
Gmachl, Claire F	3396155						233,459
Gmachl, Claire F	3396157						2,318,816
Gmachl, Claire F	3396158						1,016,317
Gmachl, Claire F	3396159						689,889
Gmachl, Claire F	3396161						454,251
Gmachl, Claire F	3396162						251,306
Gmachl, Claire F	3396163						394,878
Gmachl, Claire F	3396164						378,022
Gmachl, Claire F	3396165						236,391
Gmachl, Claire F	3396166						276,546
Gmachl, Claire F	3396167						293,269
Gmachl, Claire F	3396168						595,343

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Smith, James A	3396170	Cooperative	<i>Continued from Above</i>	National Science Foundation	05/01/2006	04/30/2014	393,614
Smith, James A	3396171	Agreement					485,654
Smith, James A	3396172						111,464
Smith, James A	3396173						429,199
Smith, James A	3396174						672,044
Smith, James A	3396175						237,355
Smith, James A	3396176						135,229
Gmachl, Claire F	3396177						452,508
Gmachl, Claire F	3396178						372,868
Gmachl, Claire F	3396190						333,111
Smith, James A	3396192						469,516
Gmachl, Claire F	3396197						543,211
Gmachl, Claire F	3396198						487,817
Gmachl, Claire F	3396201						456,355
Gmachl, Claire F	3396301						403,000
Gmachl, Claire F	3396302						134,268
Gmachl, Claire F	3396303						385,600
Gmachl, Claire F	3396304						304,756
Gmachl, Claire F	3396305						288,064
Gmachl, Claire F	3396327						110,000
Gmachl, Claire F	3396424						126,000
Gmachl, Claire F	3396425						247,895
Gmachl, Claire F	3396438						64,905
Gmachl, Claire F	3396439						200,000
Gmachl, Claire F	3396465						78,000
Gmachl, Claire F	3396466						175,324
Gmachl, Claire F	3396467						141,787
Gmachl, Claire F	3396540						400,475
Gmachl, Claire F	3396541						126,283
Gmachl, Claire F	3396542						355,761
Gmachl, Claire F	3396543						222,343
Gmachl, Claire F	3396544						438,107
Gmachl, Claire F	3396545						193,215
Gmachl, Claire F	3396546						90,483
Gmachl, Claire F	3396547						95,742

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Zondlo, Mark A	3396551	Cooperative	<i>Continued from Above</i>	National Science Foundation	05/01/2006	04/30/2014	15,932
Zondlo, Mark A	3396552	Agreement					42,014
Gmachl, Claire F	3396553						20,000
Arnold, Craig B	3396096	Grant	NSF CAREER: Laser Modified Transport in Electrochemical Materials	National Science Foundation	03/01/2006	02/29/2012	500,000
Car, Roberto	3396073	Grant	Density Functional Theory with Dissipation: Transport through Single Molecules	DOE - Chicago	05/01/2005	04/30/2014	719,999
Car, Roberto	3396464						210,000
Torquato, Salvatore	3396003	Grant	Optimizing Interacting Potentials to Form Targeted Material Structures	DOE - Germantown	01/01/2004	12/31/2013	478,996
Torquato,	3396316						640,004
Prucnal, Paul R	3414126	Contract	Ultrafast All-Optical Route	Ultra Fast Optical Systems, Inc.	07/01/2000	06/30/2015	631,650
Chou, Stephen Y	3414052	Grant	Nanofabrication & Nanometer-Scale High Speed Devices for Future Ultra-Large Scale ICS	The David and Lucile Packard	02/01/1998	10/31/2011	263,507

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Shafir, Eldar	2554194	Grant	Social Interactions, Identify and Well-Being Program	Canadian Institute for Advanced Research	07/01/2011	06/30/2013	50,000
Paluck, Elizabeth L	2554193	Grant	Social Interaction, Identify and Well-Being	Canadian Institute for Advanced Research	07/01/2011	06/30/2013	37,500
Paluck, Elizabeth L	2554192	Grant	A Social Network Approach to Influencing Civic Behavior: Building Cultures of Tolerance in Schools	The Spencer Foundation	11/01/2011	10/31/2013	40,000
Fiske, Susan T	2554191	Grant	APA Dissertation	American Psychological Association	11/01/2011	10/31/2012	873
Oppenheimer, Daniel M	2554190	Grant	ETS Undergraduate Writing agreement	Educational Testing Service	06/06/2011	12/31/2011	8,000
Oppenheimer, Daniel M	2556648	Grant	Causal Model Based Cue Weighting	National Science Foundation	08/15/2011	07/31/2014	351,113
Paluck, Elizabeth L	2554189	Grant	Creating Tolerant School Settings: A Proposal for a Social Networks-based Field Experimental Intervention	William T. Grant Foundation	07/01/2011	06/30/2016	350,000
Gould, Elizabeth	2556647	Grant	Gene Expression in Motor Neurons with Differential Susceptibility to ALS	National Institutes of Health	06/01/2011	05/31/2013	442,729
Paluck, Elizabeth L	2554188	Grant	Peer Influence interventions to create tolerant school settings: Implications for understanding behavioral, normative, and cultural change	Russell Sage Foundation	09/01/2011	06/30/2012	48,819
Conway, Andrew R	2556646	Contract	Afghan Language Aptitude Battery	University of Maryland	04/01/2011	08/17/2011	62,573
Todorov, Alexander T	2554187	Grant	Pictures in Our Head: Disentangling Visual and Semantic Components of Stereotypes	Netherlands Organisation for Scientific Research	02/01/2011	01/31/2012	80,383
Gould, Elizabeth Bocarsly, Miriam E	2556645	Grant	NRSA: Prenatal Exposure to High-fat Diets Promotes Alcohol Preference in the Offspring	National Institutes of Health	09/20/2010	09/19/2013	125,412
Ghazanfar, Asif A Takahashi, Daniel Y	2554186	Grant	Inference of Large-scale Dynamic Cortical Interactions that Mediate the Integration of Faces and Voices	The Pew Charitable Trusts	07/01/2010	06/30/2014	95,000
Todorov, Alexander T	2556644	Grant	Request for Travel Support for Confernece Attendance	National Science Foundation	09/01/2010	08/31/2011	6,667
Gould, Elizabeth	2556643	Grant	Reward, Stress and Hippocampal-Prefrontal Cortex Circuitry	National Institutes of Health	07/07/2010	06/30/2013	440,738
Ghazanfar, Asif A	2554185	Grant	Vocal Communication Emerges and Evolves through Coupled Oscillations	James S. McDonnell Foundation	12/01/2010	12/01/2016	600,000
Shelton, J. N Taylor, Valerie J	2556642	Grant	NSF Fellowship Institutional Allowance	National Science Foundation	08/05/2009	08/04/2011	10,000
Shafir, Eldar	2556640	Grant	The Psychology of Scarcity: ts behavioral causes and consequences	National Science Foundation	09/15/2009	08/31/2013	480,000
Gould, Elizabeth Glasper, Erica R	2556639	Grant	ARRA:NRSA Rewarding Experience and the Aging Brain	National Institutes of Health	09/01/2009	08/31/2011	104,099
Gould, Elizabeth	2554183	Grant	The Effect of Gilead Compounds on Binge Eating Behavior and Obesity in the Rat	Gilead Sciences, Inc.	07/15/2009	06/30/2012	92,921
Darley, John M	2554182	Contract	Law Firm Culture Project	The Law School Admission Council,	07/01/2009	01/31/2014	165,635
Johnson-Laird, Philip N	2556638	Grant	Deductive and Probabilistic Reasoning	National Science Foundation	05/01/2009	04/30/2013	464,939
Shelton, J. N	2556635	Grant	Interracial Interactions over Time: Problems and Solutions	National Science Foundation	09/01/2008	08/31/2012	482,749

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Shafir, Eldar	2556634	Grant	Financial Scarcity and Depleted Decision Making	U.S. Dept of Agriculture	09/05/2008	09/30/2011	29,969
Shelton, J. N	2554174	Grant	Ethnic Identity and Psychological Adjustment Among African, Asian and Latino Youth	Fordham University	04/01/2008	12/18/2012	309,064
Pronin, Emily	2554173	Grant	Pitfalls of Investor Decision-Making in the Social Interaction Context	FINRA Investor Education Foundation	03/01/2008	08/31/2011	111,019
Pronin, Emily	2556631	Grant	The Introspection Illusion and Problems of Free Will, Actor-Observer Differences, and Bias Correction	National Science Foundation	02/01/2008	01/31/2013	286,776
Ghazanfar, Asif A	2556627	Grant	Multisensory Integration of Faces and Voices in the Primate Temporal Lobe	National Institutes of Health	07/01/2007	06/30/2013	1,669,706
Ghazanfar, Asif A	2556620	Grant	CAREER: The evolution of speech-reading	National Science Foundation	07/01/2006	06/30/2012	600,001
Prentice, Deborah A	2554160	Grant	Deciding to Leave: Attrition at Public Universities	The Andrew W. Mellon Foundation	04/01/2006	12/31/2011	1,401,422

Contributions Made to Other Units :**Computer Science**

Kenneth A Norman

Mechanical and Aerospace Engineering

Jonathan D Cohen

Princeton Neuroscience Institute**Matthew M Botvinick****Jonathan D Cohen**

Daniel Kahneman

Sabine Kastner**Yael Niv****Kenneth A Norman****Daniel N. Osherson****Alexander T Todorov****Nicolas B Turk-Browne****Uri Hasson**

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Batnitzky, Leora F	2604139	Grant	Andrew Mellon New Directions Fellowship	The Andrew W. Mellon Foundation	07/01/2009	08/31/2012	50,111
Schafer, Peter	2604135	Grant	Distiguished Achievement Award	The Andrew W. Mellon Foundation	09/01/2007	09/01/2013	1,426,939
Schafer, Peter	2604137						149,396

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Portes, Alejandro	2754081	Contract	Values, Institutional Quality, and Development	Francisco Manuel dos Santos	06/01/2012	08/31/2014	352,420
Portes, Alejandro	2754080	Grant	Transnational Immigrant Organizations and Development	Russell Sage Foundation	03/01/2012	08/31/2012	23,480
Pager, Devah	2756087	Grant	Doctoral Dissertation Research: The Impacts of Underemployment in the New Economy	National Science Foundation	04/01/2012	03/31/2013	9,800
Pedulla, David S							
Massey, Douglas S	2756086	Grant	Doctoral Dissertation Research: State Variation in Taxation Policies	National Science Foundation	12/15/2011	11/30/2013	7,900
Varner, Charles E							
Portes, Alejandro	2754079	Grant	The Second Generation in Spain: A Longitudinal Study	The Spencer Foundation	08/01/2011	07/31/2013	284,025
Rozman, Gilbert F	2756085	Grant	Doctoral Dissertation Research: Entrepreneurship and Mobility in Immigrant Enclaves	National Science Foundation	08/01/2011	07/31/2012	8,890
Yoon, Sharon J							
DiMaggio, Paul J	2754078	Grant	Implications of Social Network Effects for Social Inequality	Russell Sage Foundation	09/01/2011	06/30/2012	118,217
Duneier, Mitchell	2756084	Grant	Doctoral Dissertation Research: The Social Organization of Suburban Poverty: A Community Study of Everyday Life among the African American Suburban Poor	National Science Foundation	05/15/2011	04/30/2013	9,840
Murphy, Alexandra K							
Scheppele, Kim L	2756083	Grant	Doctoral Dissertation Research - Colonial Legacies and Administrative Memory: The Legal Construction of Population Management Practices in Three Former British Colonies	National Science Foundation	07/01/2011	06/30/2013	13,790
Berda, Yael							
Portes, Alejandro	2754077	Grant	Transnational Immigrant Organizations, Political Incorporation, and Development	Russell Sage Foundation	06/01/2010	09/30/2012	32,246
Duneier, Mitchell	2756082	Grant	Doctoral Dissertation Research: Digital Ethnography of Harlem Youth	National Science Foundation	09/01/2010	08/31/2012	9,217
Lane, Jeffrey F							
Vertesi, Janet A	2756081	Grant	SoCS: Socio-Computational Approaches to Planetary Exploration	National Science Foundation	09/01/2010	08/31/2014	749,257
DiMaggio, Paul J	2756080	Grant	Doc Dis Research: Where Do Social Categories Come From? A Comparative Analysis of Online Interaction and Categorical Emergence	National Science Foundation	09/01/2010	08/31/2012	3,548
Goldberg, Amir							
DiMaggio, Paul J	2756079	Grant	Collaborative Research: Understanding the Economic Crisis and its Social Impacts through Collaborative Postdoctoral Fellowships	National Science Foundation	03/15/2010	02/28/2015	264,728
Duneier, Mitchell	2754076	Grant	The Social Organization of Suburban Poverty: Poverty Dynamics in a Poor African American Suburb	The John D. & Catherine T. MacArthur Fdn	12/01/2009	11/30/2012	10,008
Murphy, Alexandra K							
Duneier, Mitchell	2756078	Grant	Doctoral Dissertation Research Grant: Social Organization of Suburban Poverty: A Community Study of Poverty in the Suburbs	U.S. Dept of Housing & Urban Dev	10/20/2009	10/20/2012	24,126
Murphy, Alexandra K							
Portes, Alejandro	2754075	Grant	The Center for Migration and Development at Princeton University: Past Achievements, Research Continuities and Thematic Priorities	The John D. & Catherine T. MacArthur Fdn	12/01/2008	05/31/2013	751,199

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Contributions Made to Other Units :

Center for Study of Religion

Robert J Wuthnow

Electrical Engineering

Matthew J. Salganik

Office of Population Research (WWS)

Delia S Baldassarri

Scott M Lynch

Douglas S Massey

Sara S McLanahan

Devah Pager

Matthew J. Salganik

Edward E Telles

Marta Tienda

Princeton Institute for International and Regional Studies (PIIRS)

Gilbert F Rozman

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Teacher Preparation

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Centeno, Miguel A	3354010	Grant	Princeton University Preparatory Program	Verizon Foundation	10/30/2011	08/31/2012	20,000

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Rogerson, Richard	2856126	Grant	Micro and Macro Labor Supply Elasticities	National Science Foundation	02/01/2011	01/31/2013	45,656
Ikenberry, G. J	2854377	Grant	The Day After: Northeast Asia in the Aftermath of the Collapse of the DPRK	The John D. & Catherine T. MacArthur Fdn	06/01/2012	05/30/2014	200,000
Chassang, Sylvain	2856125	Grant	Collaborative Research: Improving Randomized Controlled Trials: Practical and Theoretical Challenges	National Science Foundation	06/01/2012	05/31/2015	133,378
Shapiro, Jacob N	2856124	Contract	Modeling the Dynamics of Insurgency and Counterinsurgency In a 'Cultural Prism' - Phase IV	Naval Postgraduate School	04/01/2012	08/31/2012	77,574
Wilcove, David S	2854369	Grant	2012 Smith Post-doctoral Fellowship - Tingley	Society for Conservation Biology	06/01/2012	05/31/2013	183,750
Glaser, Alexander Ramana, M. V.	2854368	Grant	Small Modular Reactors and their Fuel Cycles: Assessing the Proliferation Risks.	The John D. & Catherine T. MacArthur Fdn	12/01/2011	11/30/2014	330,000
Currie, Janet M	2856123	Grant	A Randomized Trial of Effects of Parent Mentors on Insuring Minority Children	University of Texas Southwestern Medical Center at Dallas	06/01/2011	05/31/2013	73,274
Mian, Zia Mousavian, Seyed Hossein	2854367	Grant	Developing a Basis for Resolving Iran-US Bilateral Disputes and for a Diplomatic Reapprochement	Rockefeller Brothers Fund, Inc.	01/01/2012	09/30/2012	65,000
Shapiro, Jacob N	2856122	Grant	National Center for Risk & Economic Analysis of Terrorism Events (CREATE)	University of Southern California	10/01/2011	07/31/2012	47,984
Deaton, Angus S	2856121	Contract	Dimensions of Subjective Wellbeing: Aging, Religiosity, and Adaptation	National Bureau of Economic Research	09/01/2011	06/30/2012	98,023
von Hippel, Frank N Feiveson, Harold A Glaser, Alexander Mian, Zia	2854365	Grant	Increasing Nuclear Safety and Strengthening Barriers to Misuse of Civilian Nuclear Facilities for the Acquisition of Nuclear Weapons.	Carnegie Corporation of New York	10/01/2011	09/30/2014	877,000
von Hippel, Frank Feiveson, Harold A Glaser, Alexander Mian, Zia	2854366						23,000
Keohane, Robert O Henke, Marina E	2856120	Grant	Doctoral Dissertation in Political Science: International Security and the Politics of Interdependence	National Science Foundation	09/01/2011	08/31/2012	11,463
McCarty, Nolan M	2856119	Grant	Collaborative Research: The Ideological Mapping of American Legislatures	National Science Foundation	08/15/2011	07/31/2013	299,919
Shapiro, Jacob N	2856118	Grant	The Politics of Militancy in Pakistan: Wave II	Georgetown University	05/01/2011	01/31/2013	30,170
Currie, Janet M	2854362	Grant	Differential Impacts of Environmental Policy on Infants in Poor and Minority Neighborhoods	The John D. & Catherine T. MacArthur Fdn	01/01/2010	05/31/2013	234,525
Christensen, Thomas J	2854361	Grant	Bradley Fellowship Foundation Program: Meritorious Support for Graduate Students and Post-graduate Fellows	The Lynde and Harry Bradley Fdn., Inc.	07/01/2011	06/30/2012	25,000
Howard, Heather H	2854359	Grant	State Health Reform Assistance Network	Robert Wood Johnson Foundation	07/01/2011	06/30/2012	954,996
Mian, Zia Ramana, M. V.	2854358	Grant	Project on Peace and Security in South Asia: Research, Collaboration and Education for Reducing Nuclear Dangers in South	New-Land Foundation	02/01/2011	03/31/2013	100,000
Chassang, Sylvain	2854357	Grant	Research Fellowship Dr. Sylvain Chassang	Alfred P. Sloan Foundation	09/15/2011	09/15/2013	50,000

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Shapiro, Jacob N	2856117	Grant	National Center for Risk & Economic Analysis of Terrorism Events (CREATE)	University of Southern California	01/01/2011	09/30/2011	55,000
von Hippel, Frank N Feiveson, Harold A Glaser, Alexander Mian, Zia	2854356	Grant	Extension of the International Panel on Fissile Materials (IPFM)	The John D. & Catherine T. MacArthur Fdn	03/01/2011	02/28/2014	1,200,116
Cameron, Charles M	2856116	Grant	Collaborative Research: Effectiveness, Control and Competence in Public Agencies	National Science Foundation	07/01/2011	06/30/2013	42,085
Howard, Heather H	2854355	Grant	State Health Reform Implementation Project	Robert Wood Johnson Foundation	04/15/2011	07/14/2011	59,553
Widner, Jennifer A	2854360	Grant	Generating Turnarounds in Fragile States	Smith Richardson Foundation, Inc.	07/01/2011	06/30/2013	500,000
Papp, John H	2854354	Grant	Behavioral Decision Making among Migrants in Rural India	Russell Sage Foundation	11/01/2010	10/31/2011	5,000
von Hippel, Frank N Mian, Zia	2854351	Grant	Study of the Possible Basis for a Diplomatic Resolution of the Confrontation over Iran's Nuclear Program	Rockefeller Brothers Fund, Inc.	12/15/2010	12/14/2011	25,600
von Hippel, Frank N Mian, Zia	2854352	Grant	A Study of the Possible Basis for a Diplomatic Resolution of the Confrontation over Iran's Nuclear Program	Ploughshares Fund	11/18/2010	12/31/2011	50,000
Norris, William J	2854350	Grant	Economic Statecraft: The Use of Commercial Actors in China's Grand Strategy	Smith Richardson Foundation, Inc.	11/15/2010	11/15/2011	7,328
Searchinger, Timothy D	2854349	Grant	Understanding the Land Use Implications of Biofuels	The Energy Foundation	09/01/2010	02/29/2012	100,000
Pop-Eleches, Grigore	2856115	Grant	Elections, Revolution, and Democracy in the Post-Cold War Era	National Council for Eurasian and East European Research	10/01/2010	03/31/2013	60,000
Mauzerall, Denise L Avnery, Shiri	2856112	Grant	Impact of O3 on Agriculture and Mitigation Options	NASA Headquarters - Washington	09/01/2010	08/31/2012	38,909
Shapiro, Jacob N	2854347	Contract	Political Violence in Pakistan -- Understanding Subnational Patterns	London School of Economics and Political Science	04/01/2010	01/31/2012	75,625
Chyba, Christopher F Kahn, Laura H	2854346	Grant	Mutual International Learning on the Challenges Posed by Dual-Use Biotechnology	The John D. & Catherine T. MacArthur Fdn	09/01/2010	08/31/2012	225,181
Danspeckgruber, Wolfgang F	2854345	Grant	Afghanistan and the Region: A Way Forward	Carnegie Corporation of New York	07/01/2010	06/30/2012	326,719
Oppenheimer, Michael	2856111	Grant	Collaborative Research: Assessing Assessments: A Historical and Philosophical Study of Scientific Assessments for Environmental Policy in the late 20t	National Science Foundation	08/01/2010	07/31/2013	387,085
Mas, Alexandre	2854342	Grant	Alfred P. Sloan Research Fellowship	Alfred P. Sloan Foundation	09/16/2009	09/15/2013	50,000
von Hippel, Frank N Feiveson, Harold A Glaser, Alexander Mian, Zia	2854339	Grant	Controlling Fissile Material and Nuclear Energy in a Disarming World	Carnegie Corporation of New York	10/01/2009	09/30/2011	324,247
von Hippel, Frank Feiveson, Harold A Glaser, Alexander Mian, Zia	2854364						26,000

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Shapiro, Jacob N	2856106	Grant	Terrorism, Governance and Development	Air Force Office of Scientific Research	05/01/2009	06/30/2014	9,026,659
Shapiro, Jacob N	2856110						473,341
Biehl, Joao	2854332	Grant	Demanding the Right to Health in Courts: AIDS Treatment Access, Drug Markets, and Citizenship in Brazil Today	The Ford Foundation	01/01/2009	09/30/2011	200,000
Rouse, Cecilia E	2854336	Grant	The Impact of Performance-Based Scholarships on Student Time Use	Bill & Melinda Gates Foundation	11/15/2008	01/31/2014	1,100,907
McLanahan, Sara S	2854329	Grant	The Future of Children : Transition to Adulthood	The John D. & Catherine T. MacArthur Fdn	10/04/2008	12/31/2011	195,490
McLanahan, Sara S	2854325	Grant	The Future of Children	Bill & Melinda Gates Foundation	07/01/2008	06/30/2013	894,483
Friedberg, Aaron L	2854326	Grant	Understanding China's Grand Strategy	The Lynde and Harry Bradley Fdn.,	07/01/2008	12/31/2011	40,000
Friedberg, Aaron L	2854323	Grant	To Support Meritorious and Promising Grad and Post Grad Fellows for 2008-2009 AY	The Lynde and Harry Bradley Fdn.,	07/01/2008	06/30/2013	25,000
Waters, Mary C	4006245						1,672,362
Friedberg, Aaron L	2854322	Grant	Support Meritorious and Promising Graduate and Post Graduate Fellows for AY2007-2008	The Lynde and Harry Bradley Fdn.,	07/01/2007	06/30/2012	25,000
Friedberg, Aaron L	2854317	Grant	Training the Next Generation of Strategists: Strengthening Strategic Studies at Princeton	The Lynde and Harry Bradley Fdn.,	12/10/2007	12/31/2011	99,000
Krueger, Alan B	2854309	Grant	Linking the College and Beyond Survey to Social Security Records	The Andrew W. Mellon Foundation	07/01/2007	04/30/2013	233,447
Chyba, Christopher F	2854282	Grant	Developing the Technical Basis for Arms Control, Disarmament, and Nonproliferation Initiatives	The John D. & Catherine T. MacArthur Fdn	01/01/2006	03/31/2013	2,328,553
Feiveson, Harold A von Hippel, Frank N							
Friedberg, Aaron L	2854281	Grant	Bradley Graduate and Post Graduate Fellowship Program	The Lynde and Harry Bradley Fdn.,	09/01/2005	06/30/2012	25,000
von Hippel, Frank N	2854280	Grant	An Independent International Panel on Fissile Materials (IPFM)	The John D. & Catherine T. MacArthur	01/01/2006	08/31/2011	2,216,426
Feiveson, Harold A Mian, Zia							
McLanahan, Sara S	2854245	Grant	The Future of Children	The David and Lucile Packard	02/23/2004	12/31/2012	1,165,632
McLanahan, Sara	2854248						720,528
Friedberg, Aaron L	2854238	Grant	Research Program in International Security	Smith Richardson Foundation, Inc.	07/01/2001	07/01/2013	153,592

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Telles, Edward E	4004218	Grant	Enhancing Visibility and Impact of the Project on Ethnicity and Race in Latin America	The Ford Foundation	08/01/2011	07/31/2013	200,000
McLanahan, Sara S	4006276	Grant	Unemployment, the Great Recession, Fragile Families and Child Development	Columbia University	07/01/2011	06/30/2013	158,654
Lynch, Scott M	4006275	Grant	Understanding US regional health & mortality disparities: A Life Course Approach	National Institutes of Health	09/01/2011	08/31/2016	700,000
Sugie, Naomi F Pager, Devah	4004217	Grant	Finding Work: The Reentry Experiences of Ex-Offenders	Fahs-Beck Fund for Research and Experimentation	09/01/2011	05/31/2013	5,000
Massey, Douglas S	4006269	Grant	Demography	National Institutes of Health	05/01/2011	04/30/2016	1,004,241
Massey, Douglas S	4006270						318,973
Massey, Douglas S	4006271						299,877
Currie, Janet M	4006268	Grant	Using Vital Statistics Natality Data to Assess the Impact of Environmental Policy: The Examples of Superfund, the Toxic Release Inventory, and E-ZPass	U.S. Environmental Protection Agency	04/01/2011	03/31/2014	492,103
Tienda, Marta	4004216	Grant	INSIDE; Child Migration Research Conference	American Academy for Political and Social Sciences	05/01/2011	04/30/2012	30,000
McLanahan, Sara S	4004215	Grant	Future of Children Literacy Volume	Annie E. Casey Foundation	06/01/2011	05/31/2012	52,973
Massey, Douglas S Owens, Jayanti J	4006267	Grant	Doctoral Dissertation Research: Early Childhood Behavioral Skills and Educational Attainment	National Science Foundation	03/15/2011	02/28/2013	5,770
DeKlyen, O. Michelle	4004213	Grant	Building Family Success: An Evaluation Project	Family Intervention Services	01/01/2011	08/31/2013	75,000
McLanahan, Sara S	4004214	Grant	Pew Home Visiting Campaign	Teachers College - Columbia	09/15/2010	05/31/2012	14,000
McLanahan, Sara S Pouncy, Hillard	4004212	Grant	An Implementation Evaluation of Trenton NJ's Youthstat Program	The City of Trenton	12/01/2010	02/29/2012	27,000
Grenfell, Bryan T	4006264	Contract	IPA: Bryan Grenfell	National Institutes of Health	07/01/2010	06/30/2014	481,028
McLanahan, Sara S Schneider, Daniel J	4006262	Grant	Doctoral Dissertation Research: Wealth and the Propensity to Marriage	National Science Foundation	08/15/2010	07/31/2012	3,695
Paxson, Christina H	4006260	Grant	ARRA: Administrative Supplement to Adversity and Resilience after Hurricane Katrina	National Institutes of Health	09/30/2009	09/29/2011	156,171
Massey, Douglas S	4006261	Grant	Infrastructure for the Office of Population Research	National Institutes of Health	09/28/2009	08/31/2014	4,362,993
McLanahan, Sara S	4006259	Grant	ARRA: Administrative Supplement to Fragile Families and Child Wellbeing	National Institutes of Health	09/30/2009	09/29/2011	223,160
McLanahan, Sara S	4006257	Grant	Children's Health Disparities in the U.S. and the U.K.: The Role of the Family	National Institutes of Health	09/28/2009	08/31/2014	606,238
Stone, Arthur A	4006258	Grant	Princeton Center for Research on Experience and Wellbeing	National Institutes of Health	09/30/2009	08/31/2014	2,258,852
Baldassarri, Delia S	4006255	Grant	ARRA: Social and Spatial Networks, Social Capital, and Leadership Accountability in Rural Development: A Study of Uganda's APEP	National Science Foundation	08/15/2009	07/31/2013	495,090
Salganik, Matthew J	4006254	Grant	Improvements to Respondent-Driven Sampling for the Study of Hidden Populations	National Institutes of Health	09/01/2009	08/31/2013	439,482
Case, Anne C	4006251	Grant	Princeton Center for the Demography of Aging	National Institutes of Health	07/01/2009	06/30/2014	3,437,536

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Massey, Douglas S	4006252	Grant	Public Use Data on Mexican Immigration	National Institutes of Health	09/01/2009	08/31/2014	1,911,315
Goldman, Noreen J	4006250	Grant	Biodemography of Health, Social Factors and Life Challenge	National Institutes of Health	07/01/2009	05/31/2014	2,905,281
Goldman, Noreen	4006253						17,642
Massey, Douglas S	4004208	Grant	Monitoring Mount Laurel: The Effects of Low Income Housing on People and Places	The John D. & Catherine T. MacArthur Fdn	12/01/2008	08/31/2012	445,016
Waters, Mary C	4006243	Grant	Adversity and Resilience after Hurricane Katrina	National Institutes of Health	03/15/2008	06/30/2012	0
Waters, Mary C	4006245						1,672,362
Paxson, Christina H	4006245						
Massey, Douglas S	4006242	Grant	Social Influences on Early Adult Stress Biomarkers	Northwestern University	04/01/2007	01/31/2013	314,571
Goldman, Noreen J	4006241	Grant	Social Disparities in Health Among Latinos	University of California at Los Angeles	05/01/2007	04/30/2013	941,848
Pager, Devah	4006239	Grant	Discrimination in the Lives of Young Disadvantaged Men	National Institutes of Health	09/19/2006	08/31/2013	762,716
Pager, Devah	4004199	Grant	Barriers in the Pathway to Adulthood: The Role of Discrimination in the Lives of Young Disadvantaged Men	William T. Grant Foundation	07/01/2006	08/31/2012	341,500
McLanahan, Sara S	4006230	Grant	Fragile Families and Child Wellbeing in Middle Childhood	National Institutes of Health	07/04/2006	09/14/2012	16,250,231
McLanahan, Sara	4006256						162,164
Pager, Devah	4006229	Grant	CAREER: Toward Improving the Conceptualization and Measurement of Discrimination	National Science Foundation	04/15/2006	03/31/2013	400,103
Massey, Douglas S	4004177	Grant	New Immigrant Survey	RAND Corporation	03/01/2004	06/30/2013	1,366,398
Massey, Douglas S	4006263						1,111,602
Massey, Douglas S	4006265						597,159
McLanahan, Sara S	4004152	Grant	Fragile Families and Child Wellbeing Study	Robert Wood Johnson Foundation	01/01/2002	12/31/2011	2,218,229

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Freeland, Edward P	3564007	Grant	Research Support for the Evaluation of the Graduate Education Initiative	The Andrew W. Mellon Foundation	07/01/2010	06/30/2013	416,651

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