

ANNUAL REPORT OF THE UNIVERSITY RESEARCH BOARD AND THE OFFICE OF RESEARCH AND PROJECT ADMINISTRATION 2012-2013 TABLE OF CONTENTS

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SECTION I

THIS SECTION FOCUSES ON SPONSORED RESEARCH EXPENDITURES FOR THE ACADEMIC YEAR 2012-2013.

ORPA EXPENDITURES FOR SPONSORED RESEARCH

COMMENTARY AND ANALYSIS

I. EXPENDITURES FOR SPONSORED RESEARCH BACKGROUND AND OVERVIEW

As a world-renowned research university, Princeton seeks to achieve the highest levels of distinction in the discovery and transmission of knowledge and understanding. Conducting cutting-edge research and having an unparalleled commitment to teaching are at the core of the University's mission. Sponsored research accounts for about a quarter of the University's total operating budget. Consequently, the health of Princeton's research enterprise is vitally important to the University's success.

Approximately 85% of Princeton's extramural research funding comes from U.S. government sources (this includes prime Federal sources). Federal funding for research in the U.S. has been on the decline in recent years, and automatic federal budget cuts from the sequestration mandated by the Budget Control Act of 2011 have exacerbated this trend. The National Science Foundation nationally funded nearly 1,000 fewer new grant applications during the 2013 fiscal year. The nation's largest source of biomedical research funding, the National Institutes of Health, cut its 2013 fiscal year budget by 5% — or \$1.55B. These two agencies alone fund approximately 60% of Princeton's sponsored research.

Despite the challenges in the global economy and declines in funding agency budgets, Princeton continues to sustain a strong research engine and its faculty continue to attract substantial funding for their state-of-the-art research endeavors. Sponsored research expenditures for Princeton's main campus totaled a record high of \$199M for fiscal year 2013. The Princeton Plasma Physics Laboratory (PPPL) recorded an additional \$81M in sponsored research expenditures during the same period. Continued vigilance of the funding landscape, both federal and private, will be critical to future growth and responsible stewardship of the University's research portfolio.

FY 2013 Statistics

Several tables and charts are provided to illustrate historical trends in sponsored research for Princeton's main campus and PPPL. Expenditures are described in actual dollars and have not been corrected for inflation. Chart 1 details sponsored research expenditures since FY2001.

The grand total of FY2013 sponsored research expenditures for the University and PPPL combined was \$279.7M, a slight increase over the previous fiscal year. University main

campus expenditures totaled \$199.1M, an increase of 3.4%. During the same time period, PPPL's expenditures totaled \$80.6M, a 3.5% decrease compared to the previous year.

The Natural Sciences departments saw the largest gain in research expenditures, increasing 7.2% from \$79.1M to \$85.2M. There was a slight gain in the Centers, Institutes and non-Departmental category, up 3.3% from \$26.7M to \$27.6M. The School of Engineering and Applied Sciences was flat (\$70.2M to \$70.6M) while Humanities and Social Sciences departments were down by 4.2% (\$16.3M to \$15.6M).

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 2013, with federal and state government funding providing \$146.9 million in research support. This comprises 73 percent of all sponsored research expenditures at the University (Chart 3-1). When Prime sources are included, the percentage is almost 85% (Chart 3-2).

The five leading government sponsors were the National Science Foundation, National Institutes of Health, Department of Defense agencies (including the Army, Air Force, Navy, DARPA, NSA, and DTRA), Department of Energy, and National Aeronautics and Space Administration. These agencies provided, respectively, \$55.9M, \$40.6M, \$23.7M, \$14.4M, and \$4.9M in research funding during FY2013 (Table 1 and Chart 3-1). If Prime sources are included, it increases to \$59.4M, \$44.7M, \$30.8M, \$18.3M, and \$7.0M, respectively (Table 2 and Chart 3-2).

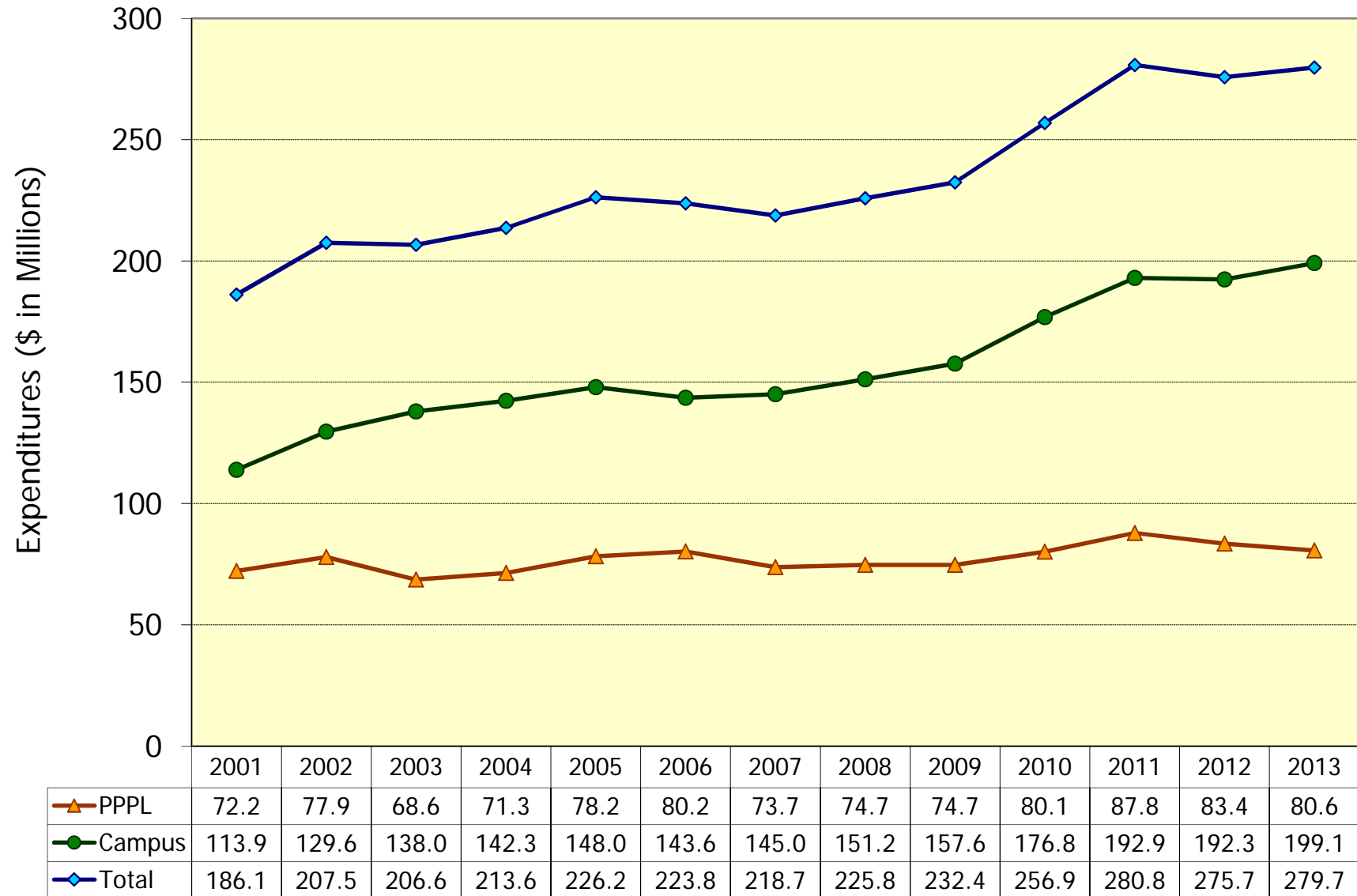
Chart 4-1 presents a five-year comparison of government-sponsored expenditures from FY2009-2013, and Chart 4-2 categorize federally funded subawards from industry and private organizations by their prime source of funds.

Funding from non-government sources comprised the balance of the total research expenditures in FY2013 (Chart 5-1). This category includes foundations, industry, and private/other entities (e.g., educational institutions, hospitals, foreign entities), which together represent 26.6% of Princeton's sponsored-research expenditures. When expenditures are moved to their Prime sources, it becomes about 15.3% (Chart 5-2).

It is noteworthy that many of the projects (\$22.3M) in the private/other category are subawards from other academic institutions, centers or consortia that have received funding from federal sources. This points to a growing trend toward interdisciplinary and multi-institutional research collaborations that are increasingly encouraged and fostered by sponsors.

Chart 1

HISTORY OF SPONSORED RESEARCH EXPENDITURES



SECTION I

TABLE 1

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

Sponsors, Campus					
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
NIH	41,742	45,137	45,839	43,248	40,584
NSF	39,637	41,459	45,824	48,656	55,877
DOD	17,465	24,177	25,967	21,103	23,737
DOE	7,527	8,736	13,131	14,721	14,361
NASA	4,953	5,024	4,804	4,015	4,936
DOC	3,905	4,456	5,155	4,651	4,227
NJ	1,213	871	1,068	720	561
Other (DOI, EPA, FAA, AID, ED, Misc)	1,763	2,253	2,105	1,575	1,738
NEH and NEA	290	374	202	207	186
TOTAL GOVERNMENT	118,495	132,488	144,096	138,898	146,206
TOTAL FOUNDATION	12,491	12,194	12,102	12,037	13,853
TOTAL PRIVATE/OTHER	18,358	21,385	21,940	24,585	24,639
TOTAL INDUSTRIAL	8,299	10,729	14,801	16,803	14,439
TOTAL, CAMPUS	\$157,643	\$176,796	\$192,940	\$192,323	\$199,138

Sponsors, Plasma Physics Lab					
DOE	74,605	79,759	87,126	81,530	78,013
State of NJ	(1)	0	0	0	0
TOTAL GOVERNMENT	74,604	79,759	87,126	81,530	78,013
TOTAL FOUNDATION	0	0	0	0	0
TOTAL INDUSTRIAL	89	149	126	131	238
TOTAL PRIVATE/OTHER	23	171	588	1,733	2,336
TOTAL, PPPL	74,716	80,079	87,840	83,394	80,588

GRAND TOTAL, CAMPUS & PPPL	\$232,359	\$256,875	\$280,780	\$275,717	\$279,725
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SECTION I

TABLE 2

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

Sponsors, Campus					
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
NIH	45,106	48,898	49,374	47,027	44,762
NSF	41,723	43,684	48,789	51,989	59,424
DOD	22,843	30,273	33,143	29,366	30,825
DOE	10,450	12,426	16,975	19,378	18,274
NASA	6,810	6,827	6,356	5,952	6,989
DOC	3,920	4,458	5,260	4,851	4,465
NJ	1,447	1,197	1,188	742	561
Other (DOI, DOT, EPA, DOJ, AID, ED, Misc	2,407	3,322	3,340	2,820	3,047
NEH and NEA	290	374	202	207	186
TOTAL GOVERNMENT	134,996	151,458	164,626	162,331	168,531
TOTAL FOUNDATION	12,491	12,194	12,088	12,010	13,834
TOTAL PRIVATE/OTHER	3,819	4,077	3,996	5,342	5,757
TOTAL INDUSTRIAL	6,338	9,067	12,230	12,639	11,016
TOTAL, CAMPUS	\$157,643	\$176,796	\$192,940	\$192,323	\$199,138
Sponsors, Plasma Physics Lab					
DOE	74,605	79,759	87,130	81,573	78,030
NSF	0	0	15	0	0
State of NJ	(1)	0	0	0	0
TOTAL GOVERNMENT	74,604	79,759	87,146	81,573	78,030
TOTAL INDUSTRIAL	89	149	106	88	221
TOTAL PRIVATE/OTHER	23	171	588	1,733	2,336
TOTAL, PPPL	74,716	80,079	87,840	83,394	80,588
GRAND TOTAL, CAMPUS & PPPL	\$232,359	\$256,875	\$280,780	\$275,717	\$279,725

*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>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Natural Sciences	65,577	72,292	79,730	79,112	85,236
Engineering & Applied Sciences	47,985	56,165	68,494	70,206	70,645
Humanities & Social Sciences	16,851	19,416	15,572	16,308	15,647
Centers, Institutes & Non-Dept'l	<u>27,229</u>	<u>28,923</u>	<u>29,144</u>	<u>26,697</u>	<u>27,609</u>
Sub-Total Campus	157,643	176,796	192,940	192,323	199,138
Plasma Physics Laboratory	<u>74,716</u>	<u>80,079</u>	<u>87,840</u>	<u>83,394</u>	<u>80,588</u>
GRAND TOTAL	232,359	256,875	280,780	275,717	279,725

NUMBER OF SPONSORED PROJECTS

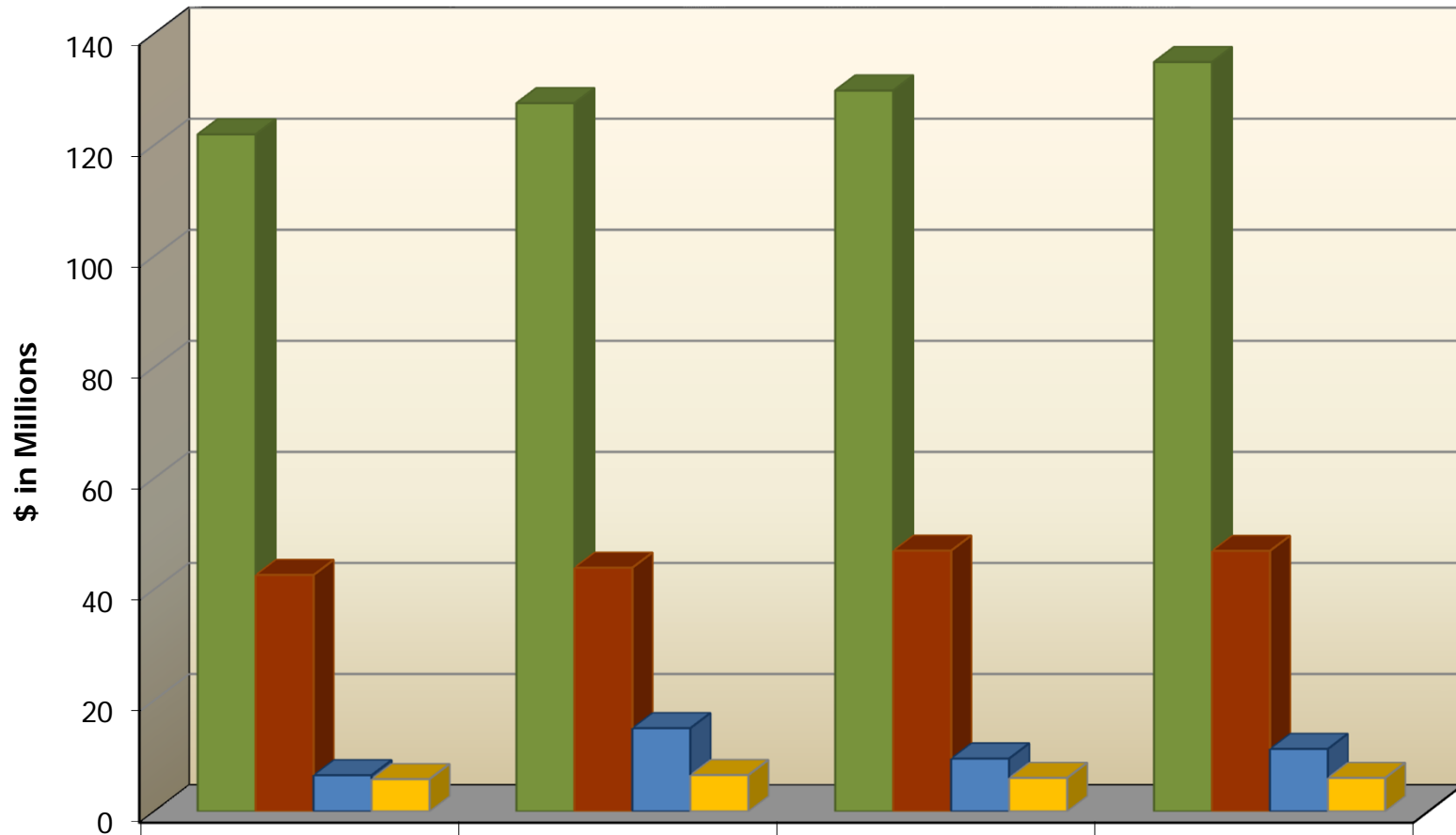
<u>Breakdown by Division*</u>	<u>2008</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Natural Sciences	566	622	616	614	612
Engineering & Applied Sciences	442	456	437	459	467
Humanities & Social Sciences	153	142	149	157	146
Centers, Institutes & Non-Dept'l	<u>116</u>	<u>135</u>	<u>131</u>	<u>143</u>	<u>138</u>
Sub-Total Campus	1,277	1,355	1,333	1,373	1,363
Plasma Physics Laboratory	<u>8</u>	<u>9</u>	<u>12</u>	<u>18</u>	<u>18</u>
GRAND TOTAL	1,285	1,364	1,345	1,391	1,381

AVERAGE EXPENDITURES PER PROJECT (\$1,000)

<u>Breakdown by Division*</u>	<u>2008</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Natural Sciences	116	116	129	129	139
Engineering & Applied Sciences	109	123	157	153	151
Humanities & Social Sciences	110	137	105	104	107
Centers, Institutes & Non-Dept'l	235	214	222	187	200
All	123	130	145	140	146

*Divisions are not Dean of Faculty definitions.

Chart 2
Breakdown of Expenditures
 (Excludes Plasma Physics Lab)



Operating Costs	121,903,246	127,533,372	129,813,873	134,935,709
Indirect Costs	42,564,221	43,881,944	46,955,313	46,915,613
Equipment/Facilities	6,508,677	14,984,597	9,519,815	11,245,661
Training Grants	5,819,877	6,539,732	6,034,096	6,040,709

Chart 3-1
Funding % By Sponsor - FY 2012-2013
(Excludes PPPL)

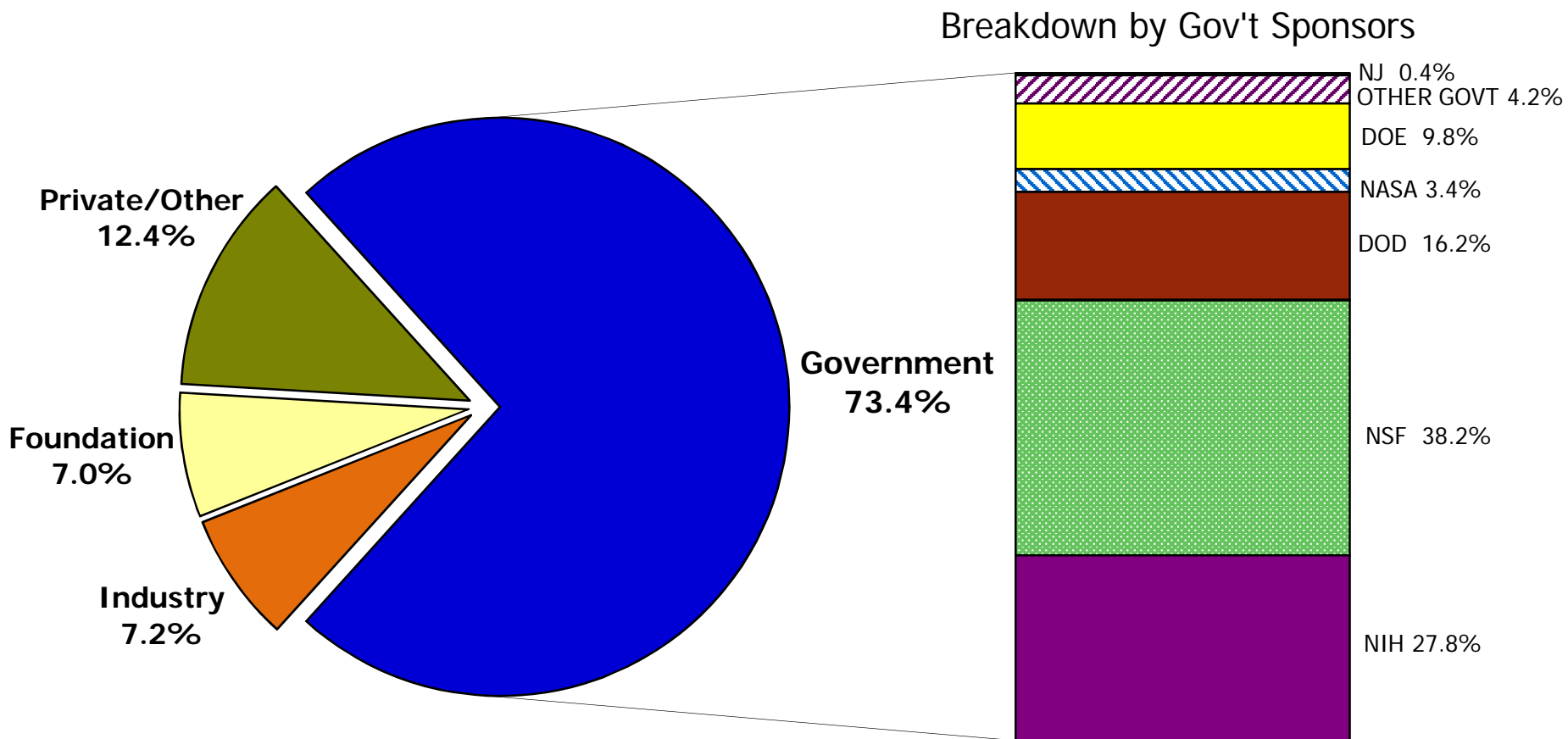
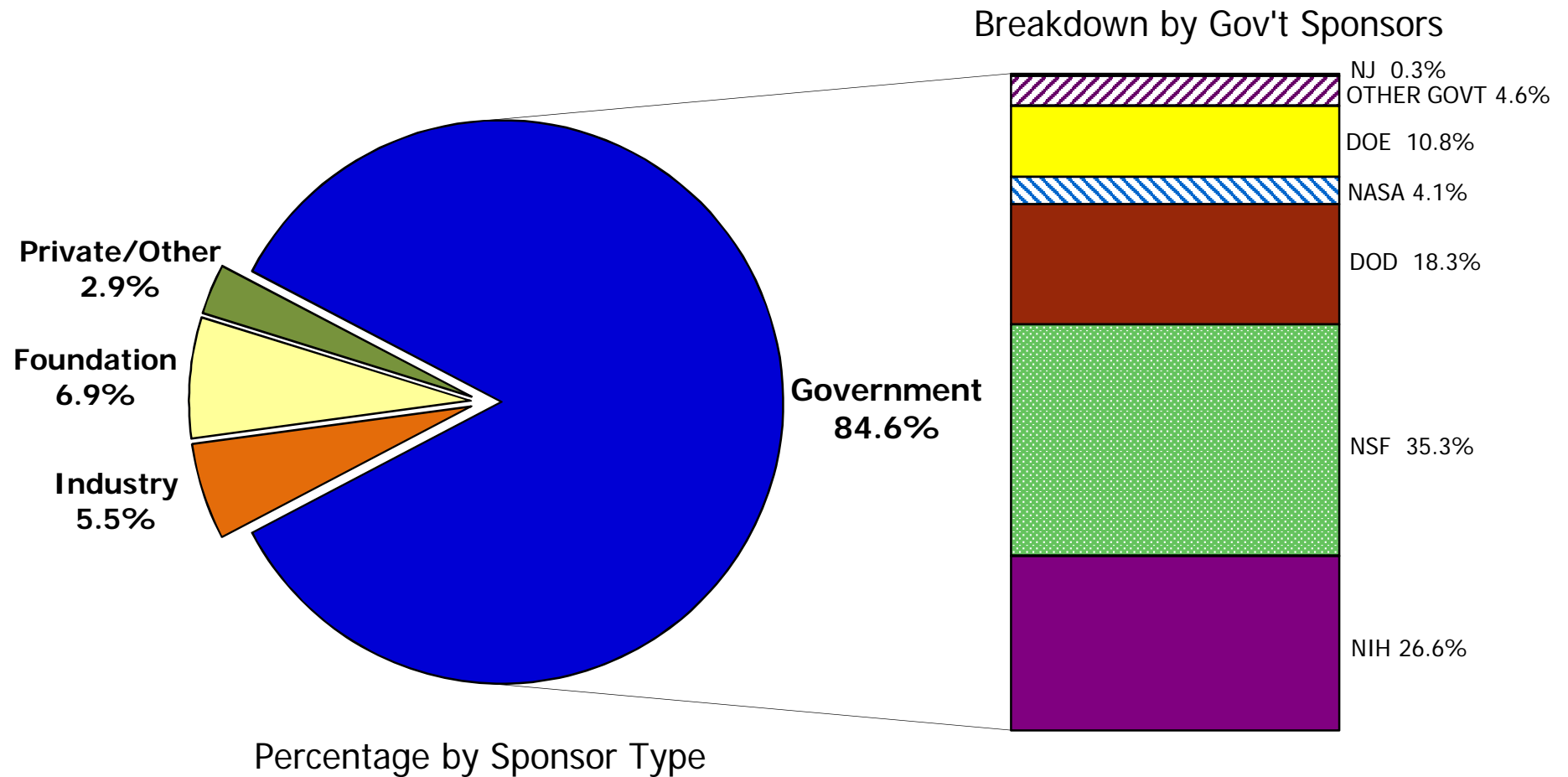


Chart 3-2
Funding % By Prime* Sponsor - FY 2012-2013
 (Excludes PPPL)



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

Chart 4-1
Comparison of Government Sponsored Expenditures
 5 Year History
 (Excludes Plasma Physics Lab)

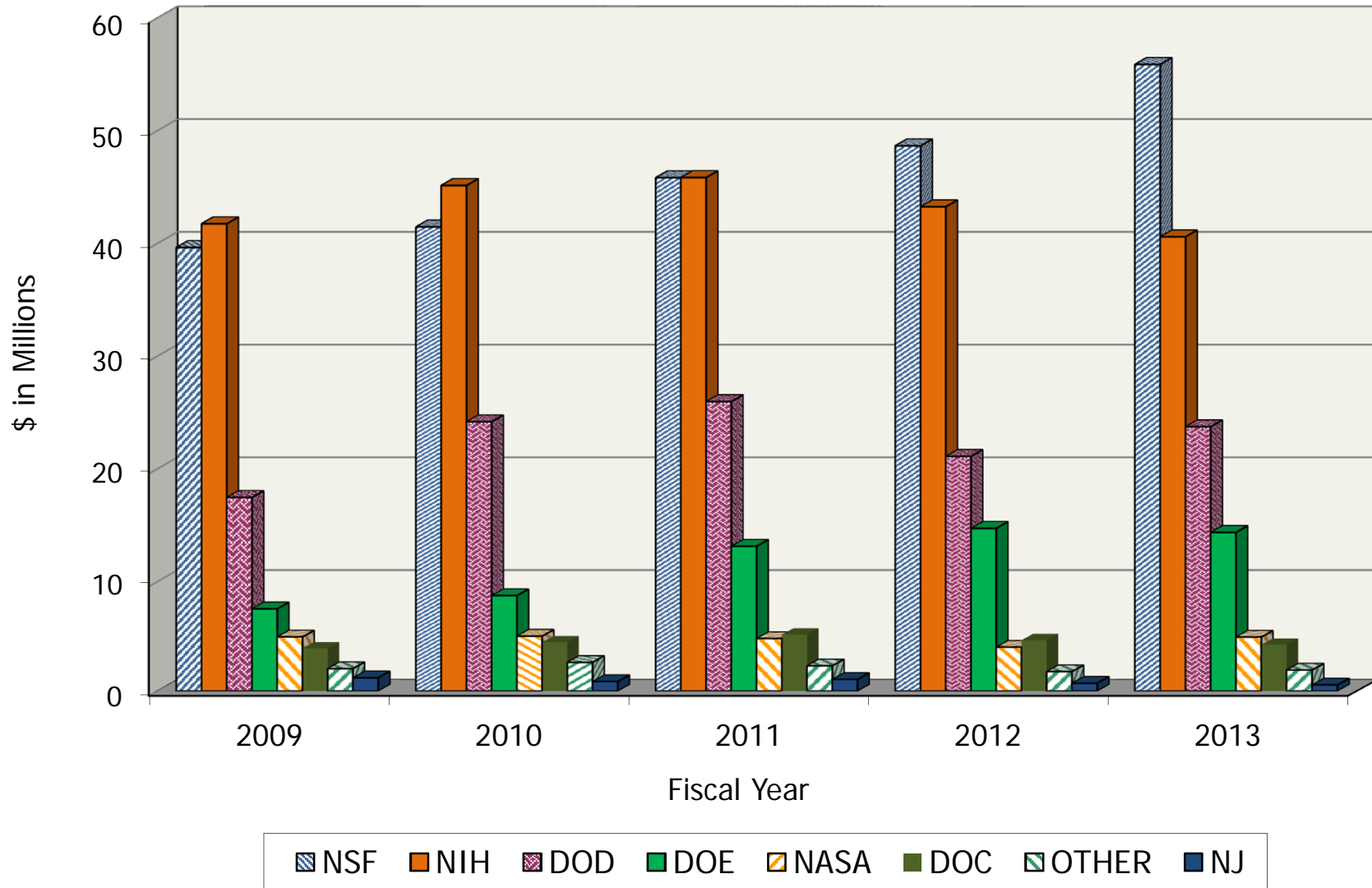


Chart 4-2
Comparison of Prime Government Sponsored Expenditures
 5 Year History
 (Excludes Plasma Physics Lab)

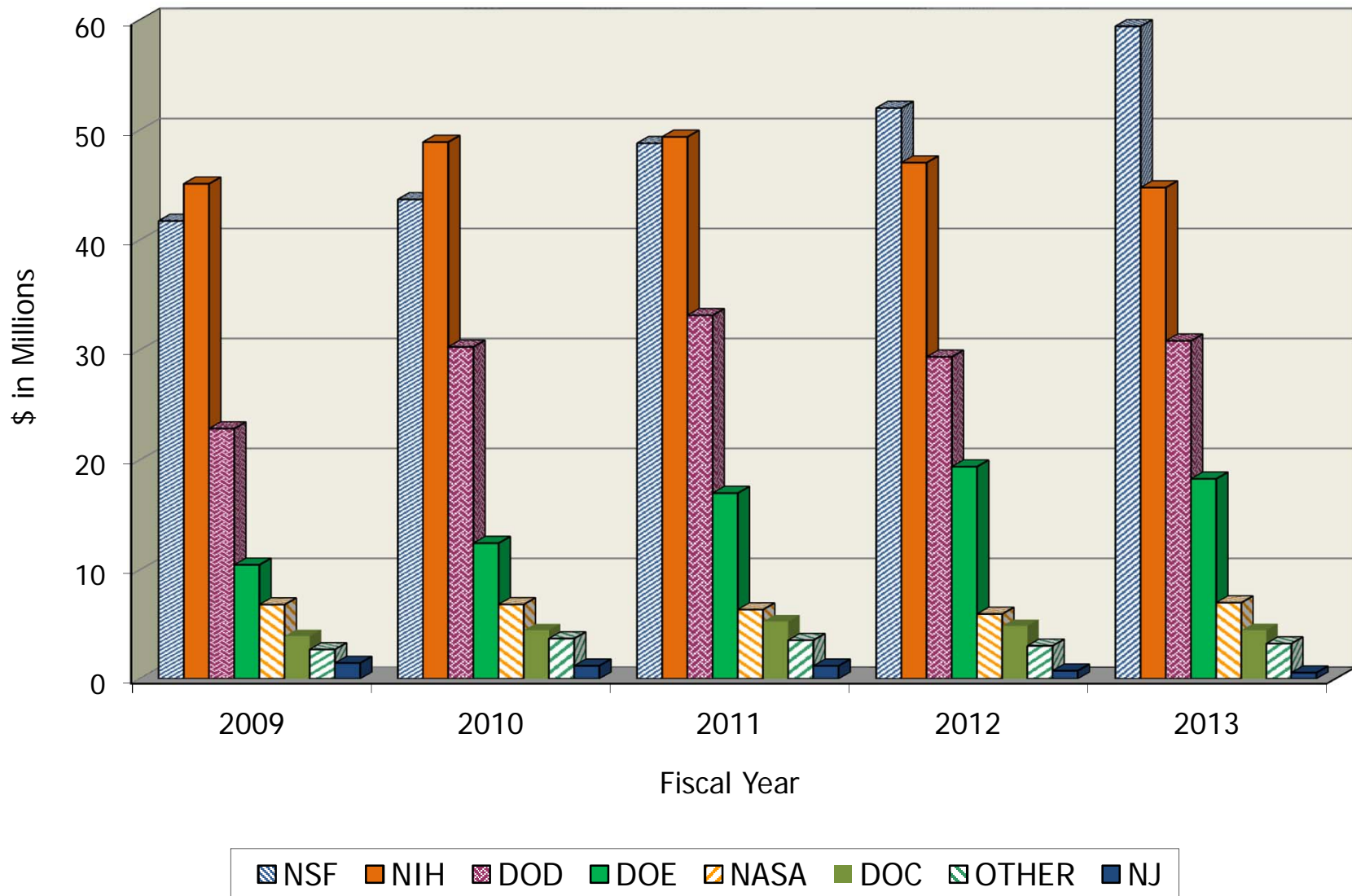


Chart 5-1

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

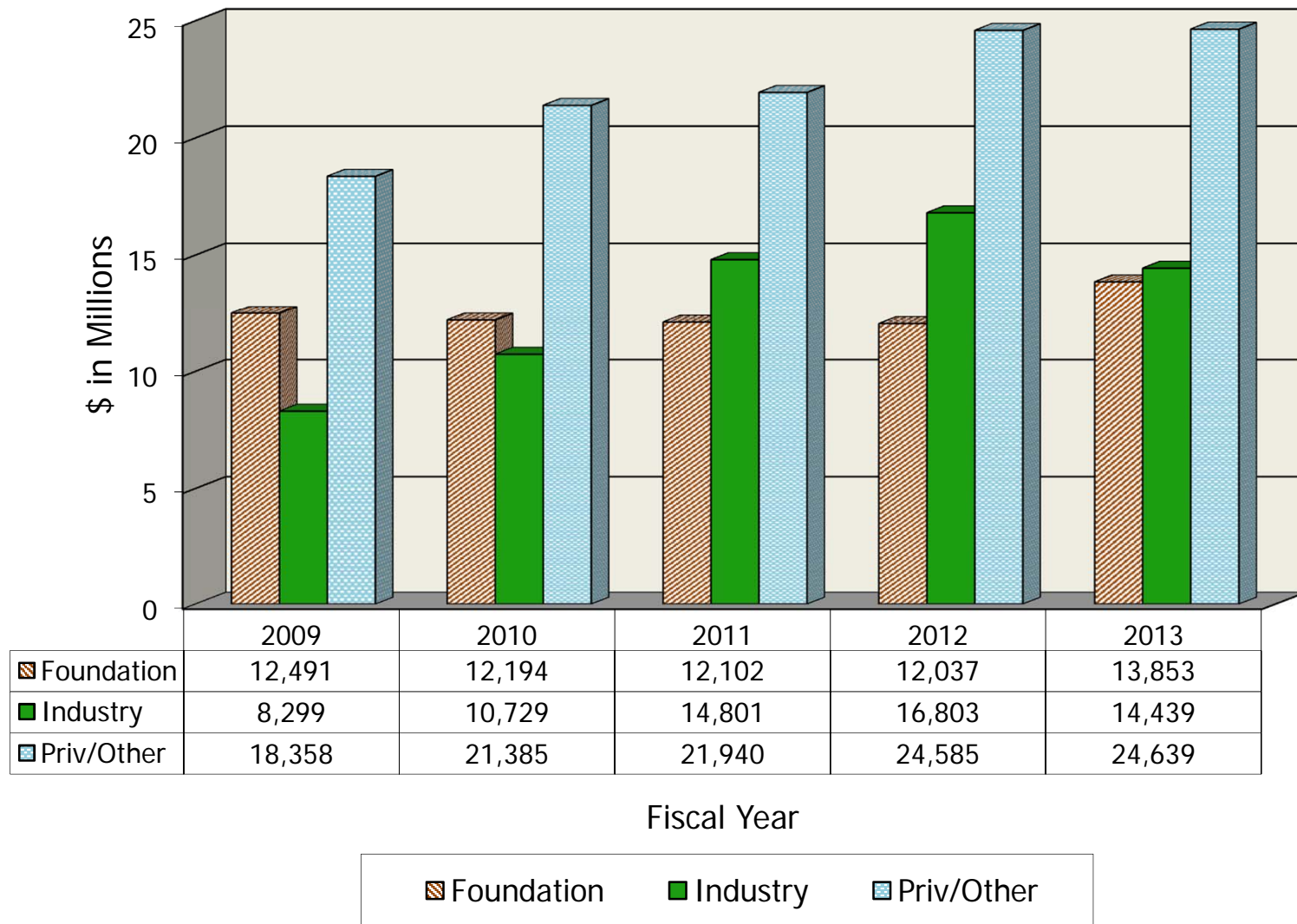


Chart 5-2

Comparison of Non-Government Sponsored Expenditures

(with Funds moved to Prime Sponsor)

(Excludes Plasma Physics Lab)

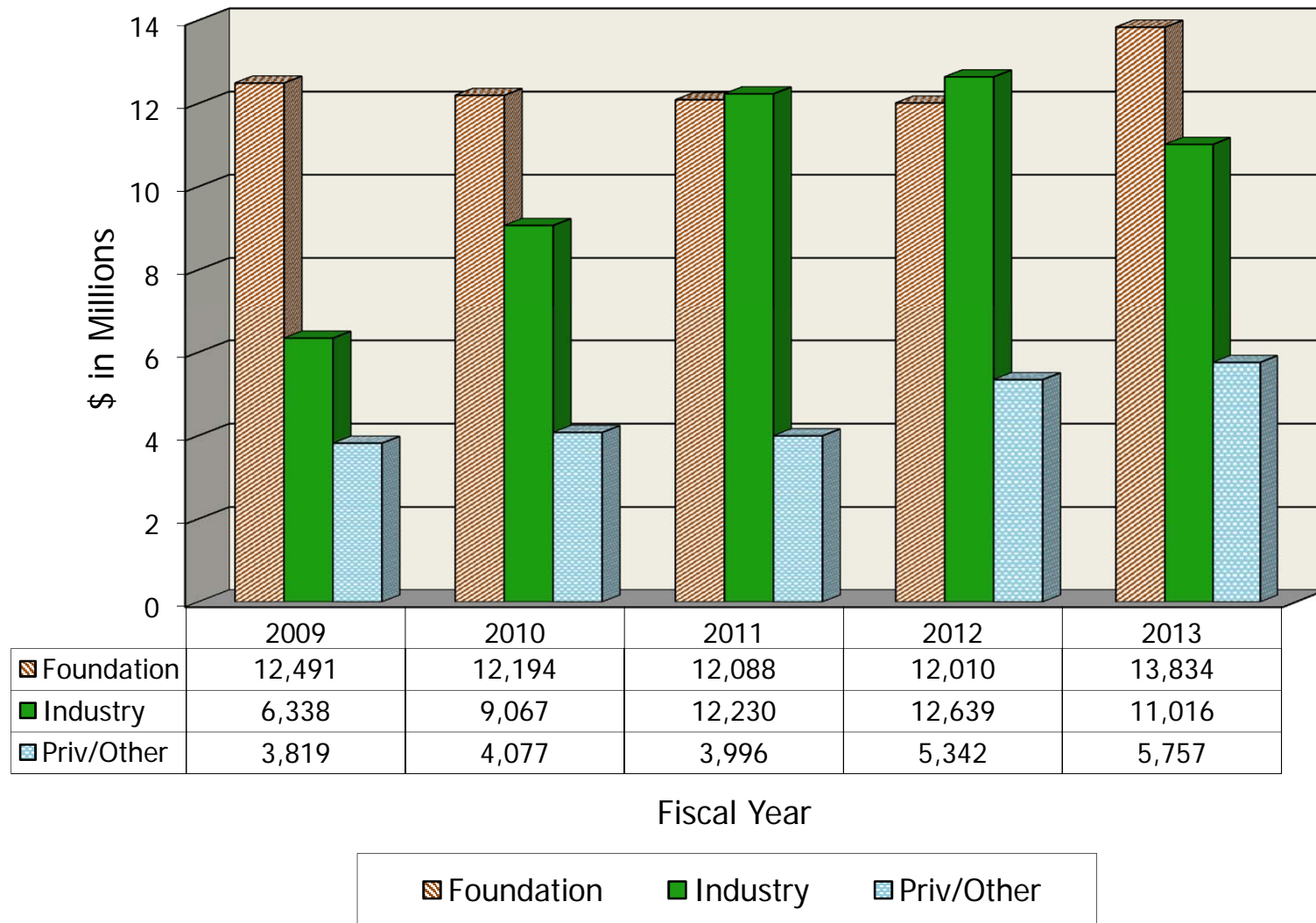
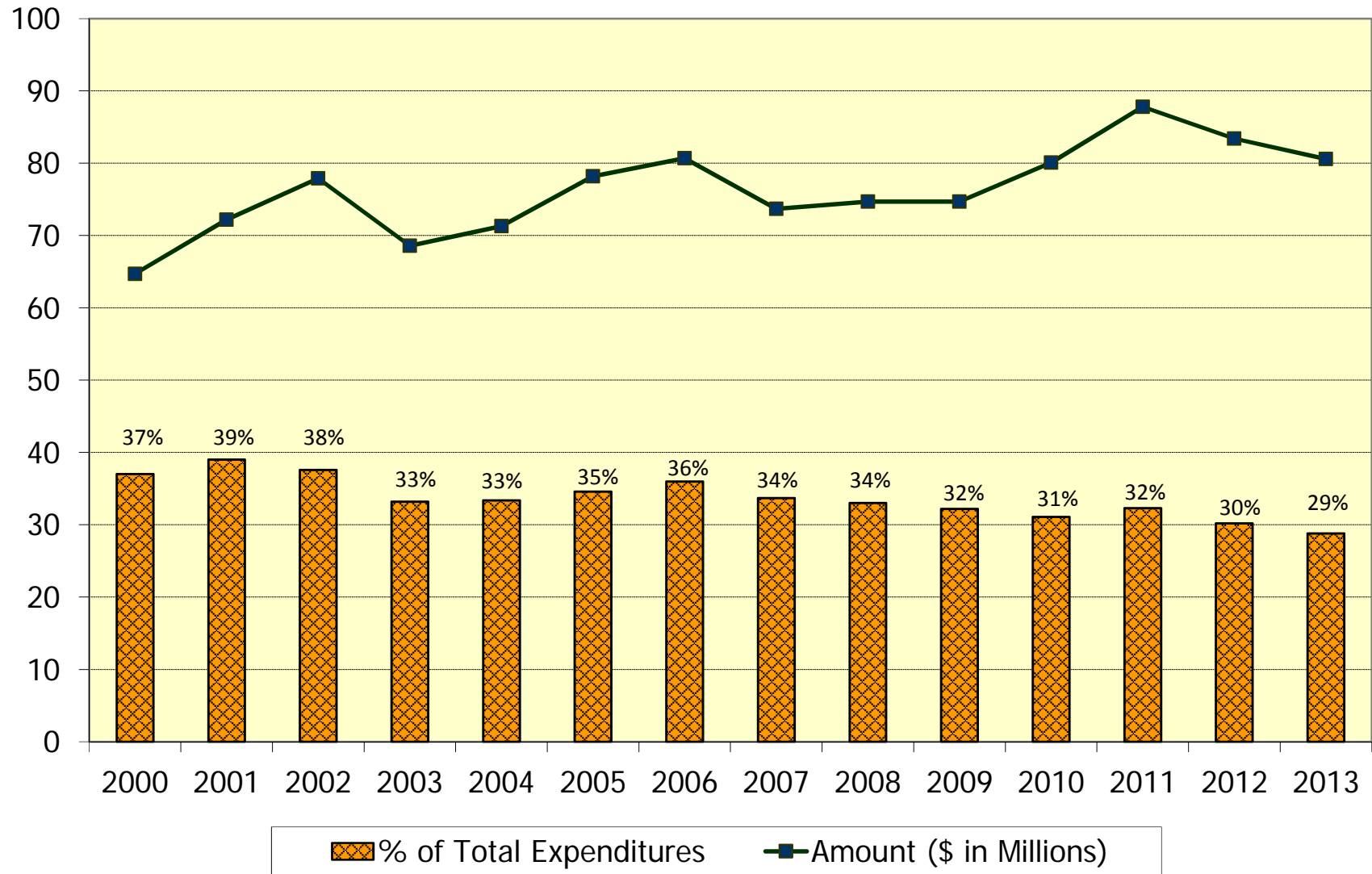


Chart 6

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 4

SUMMARY OF SPONSORED EXPENDITURES BY DEPARTMENT OR PROGRAM
July 1, 2012 - June 30, 2013

DEPARTMENT/PROGRAM	# of Projs.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NATURAL SCIENCES	612	\$56,238,611	\$3,125,968	\$5,728,728	\$20,142,508	\$85,235,815
Applied & Computational Math (PACM)	27	4,112,674	3,306	393,211	1,230,932	5,740,123
Astrophysical Sciences	67	3,219,345	365,908	5,934	1,728,759	5,319,946
Atmospheric & Oceanic Sciences	29	4,294,088	0	0	1,305,707	5,599,795
Chemistry	85	8,175,093	159,083	558,382	3,230,537	12,123,095
Ecology & Evolutionary Biology	37	2,487,692	75,692	12,682	750,375	3,326,442
Geosciences	68	4,129,024	95,667	473,212	1,874,435	6,572,338
Mathematics	51	2,838,900	68,576	0	1,280,564	4,188,040
Molecular Biology	131	9,540,360	2,154,860	206,286	4,419,634	16,321,140
Physics	92	16,378,792	153,741	3,947,762	3,949,758	24,430,052
Psychology	25	1,062,642	49,136	131,259	371,808	1,614,845
ENGINEERING & APPLIED SCIENCES	467	48,821,905	1,029,718	3,519,838	17,273,696	70,645,157
Chemical & Biological Engineering	60	4,546,371	64,728	227,247	1,757,100	6,595,446
Civil & Environmental Engineering	61	4,068,963	64,106	239,140	1,628,413	6,000,622
Computer Science	65	5,662,087	218,379	0	2,452,716	8,333,182
Electrical Engineering	78	8,419,340	14,996	448,875	2,776,774	11,659,985
Mechanical & Aerospace Engineering	92	6,113,447	39,236	836,363	2,716,684	9,705,730
Operations Research & Financial Engin.	29	2,214,260	106,068	19,200	823,283	3,162,810
PRISM	82	17,797,437	522,205	1,749,013	5,118,727	25,187,382
HUMANITIES & SOCIAL SCIENCES	146	12,595,440	421,995	0	2,630,058	15,647,493
Anthropology	1	397	0	0	103	501
Architecture	0	245	(245)	0	0	0
Comparative Literature	1	47,898	0	0	0	47,898
East Asian Studies	1	201,827	0	0	0	201,827
East Asian Program	1	20,814	1,500	0	2,231	24,545
Economics	15	314,246	0	0	185,575	499,821
English	2	33,099	0	0	0	33,099
French & Italian	1	2,206	33,350	0	0	35,556

TABLE 4 (CONT.)

DEPARTMENT/PROGRAM	# of Projs.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
History	4	76,292	3,242	0	0	79,534
Jefferson Papers	2	152,089	0	0	(0)	152,089
Music	1	4,000	0	0	0	4,000
Near Eastern Studies	1	(785)	0	0	60	(726)
Near Eastern Studies Program	1	128,293	0	0	10,263	138,556
Philosophy	0	(115)	0	0	0	(115)
Politics	20	800,543	64,146	0	122,561	987,250
Princeton Inst. for Int'l & Regional Studies (PIIRS)	1	3,871	0	0	0	3,871
Religion	2	89,557	0	0	0	89,557
Sociology	15	592,255	0	0	84,382	676,637
Woodrow Wilson School	44	6,039,294	32,241	0	715,141	6,786,676
Population Research (WWS)	31	3,977,940	287,761	0	1,509,742	5,775,443
Survey Research Center (WWS)	2	111,474	0	0	0	111,474
CENTERS, INSTITUTES & NON-DEPT'L	138	\$17,279,753	\$1,463,028	\$1,997,094	\$6,869,351	\$27,609,226
Art Museum	3	204,155	0	0	0	204,155
Center for Study of Religion	2	314,308	0	0	31,312	345,620
Center for Teaching & Learning	1	29,905	0	0	0	29,905
Center for Theoretical Science	1	194,141	0	0	34,828	228,969
Dean of Religious Life	1	8,075	0	0	0	8,075
Dean of the Faculty	1	50,066	0	0	0	50,066
Graduate School	1	3,825	13,000	0	0	16,825
Lewis-Siegler Institute	75	9,338,046	1,082,635	1,052,084	4,487,114	15,959,879
Library	3	119,823	0	0	60,337	180,160
Pace Center	1	10,408	0	0	0	10,408
Princeton Environmental Institute (PEI)	13	3,362,017	4,768	24,451	888,717	4,279,953
Princeton Inst for Comput'l Sci & Eng (PICSciE)	5	142,394	0	875,000	80,036	1,097,430
Princeton Neuroscience Institute (inc. CSBMB)	30	3,485,047	362,625	45,560	1,287,007	5,180,239
Teacher Preparation	1	17,543	0	0	0	17,543
SUBTOTAL MAIN CAMPUS	1,363	\$134,935,709	\$6,040,709	\$11,245,661	\$46,915,613	\$199,137,691
Plasma Physics Laboratory	18	\$77,218,427	\$50,849	\$0	\$3,318,400	\$80,587,676
GRAND TOTAL	1,381	\$212,154,136	\$6,091,558	\$11,245,661	\$50,234,013	\$279,725,368

* 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 5

SUMMARY OF SPONSORED EXPENDITURES BY SPONSOR

July 1, 2012 - June 30, 2013

MAIN CAMPUS

GOVERNMENT AGENCY OR DEPARTMENT	# of Projs.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NSF	356	36,646,466	656,273	5,551,440	13,022,347	55,876,525
NIH	157	24,191,332	3,250,610	1,523,773	11,618,212	40,583,927
DOE	53	10,366,120	6,625	307,577	3,680,787	14,361,109
AF	36	7,758,669	2,025	1,051,341	1,826,063	10,638,097
NAVY	37	5,182,634	18,186	369,730	1,912,810	7,483,360
DOC (NOAA & NIST)	15	3,147,189	2,750	41,001	1,035,766	4,226,706
NASA	42	3,206,120	184,933	281,146	1,263,514	4,935,712
ARMY	24	2,648,629	21,508	457,295	1,018,484	4,145,916
DARPA	4	1,011,247	0	134,053	252,915	1,398,215
STATE OF NEW JERSEY	13	412,650	97,572	0	50,738	560,960
MISC. GOVT.**	8	446,960	29,795	0	124,993	601,748
DOI (MMS, NCPTT & BSEE)	3	25,169	0	0	9,820	34,989
EPA	5	306,219	14,106	46,253	164,513	531,091
NEH	2	125,175	0	0	60,337	185,512
DOT	2	175,313	0	0	39,501	214,814
ED	1	128,293	0	0	10,263	138,556
OTHER DOD (DTRA & NSA)	2	49,962	0	0	21,938	71,900
FAA	2	143,693	1,700	0	71,182	216,575
TOTAL GOVERNMENT	762	\$95,971,838	\$4,286,083	\$9,763,609	\$36,184,184	\$146,205,714
PRIVATE/OTHER	298	\$16,237,561	\$936,838	\$1,004,104	\$6,460,995	\$24,639,498
INDUSTRIAL	114	\$10,943,443	\$18,987	\$267,989	\$3,209,005	\$14,439,424
FOUNDATION	189	\$11,782,867	\$798,801	\$209,958	\$1,061,428	\$13,853,055
TOTAL MAIN CAMPUS	1,363	\$134,935,709	\$6,040,709	\$11,245,661	\$46,915,613	\$199,137,691

* 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 DHS, HUD, NARA, NHPRC, USDA, & USIP

TABLE 5 (CONT.)

SUMMARY OF SPONSORED EXPENDITURES BY SPONSOR
July 1, 2012 - June 30, 2013

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	75,669,367	50,849	0	2,292,862	78,013,078
TOTAL GOVERNMENT	1	75,669,367	50,849	0	2,292,862	\$78,013,078
INDUSTRIAL	7	\$91,626	\$0	\$0	\$146,661	\$238,287
PRIVATE/OTHER	10	\$1,457,434	\$0	\$0	\$878,877	\$2,336,311
TOTAL PLASMA PHYSICS	18	\$77,218,427	\$50,849	\$0	\$3,318,400	\$80,587,676
TOTAL CAMPUS / PPPL	1,381	\$212,154,136	\$6,091,558	\$11,245,661	\$50,234,013	\$279,725,368

SECTION II

TABLE 6

SUMMARY OF SPONSORED EXPENDITURES BY PRIME* SPONSOR

July 1, 2012 - June 30, 2013

MAIN CAMPUS

GOVERNMENT AGENCY OR DEPARTMENT	# of Projs.**	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NSF	393	38,772,067	1,001,957	5,576,954	14,072,679	59,423,656
NIH	200	26,757,739	3,250,610	1,645,701	13,107,496	44,761,546
DOE	103	12,793,944	10,500	577,184	4,891,988	18,273,616
AF	62	9,546,922	10,900	1,166,277	2,760,325	13,484,424
NAVY	44	5,514,173	18,186	369,730	2,059,165	7,961,255
NASA	85	4,424,388	448,683	286,573	1,829,574	6,989,218
ARMY	36	3,608,568	21,508	507,532	1,452,397	5,590,005
DOC (NOAA & NIST)	19	3,284,538	13,728	60,598	1,106,087	4,464,951
DARPA	20	2,417,551	0	255,165	960,501	3,633,217
MISC. GOVT.***	17	1,073,758	29,795	2,480	440,931	1,546,964
STATE OF NEW JERSEY	13	412,650	97,572	0	50,748	560,969
EPA	5	306,219	14,106	46,253	164,513	531,091
DOI (BSEE, MMS, NCPTT, USGS)	5	278,984	0	0	87,247	366,231
DOT	3	196,453	0	0	51,162	247,615
FAA	2	143,693	1,700	0	71,182	216,575
NEH	2	125,175	0	0	60,337	185,512
OTHER DOD (DTRA & NSA)	3	101,950	0	0	53,651	155,601
ED	1	128,293	0	0	10,263	138,556
TOTAL GOVERNMENT	1,013	\$109,887,063	\$4,919,245	\$10,494,447	\$43,230,247	\$168,531,003
INDUSTRIAL	71	\$8,751,069	\$18,987	\$152,925	\$2,092,736	\$11,015,718
FOUNDATION	188	\$11,765,888	\$798,801	\$209,958	\$1,059,730	\$13,834,378
PRIVATE/OTHER	91	\$4,531,689	\$303,675	\$388,330	\$532,899	\$5,756,593
TOTAL MAIN CAMPUS	1,363	\$134,935,709	\$6,040,709	\$11,245,661	\$46,915,613	\$199,137,691

* 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, FBI, HUD, IARPA, NARA, NHPRC, State Dept, USIP, and USDA

SUMMARY OF SPONSORED EXPENDITURES BY PRIME* SPONSOR
July 1, 2012 - June 30, 2013

PRINCETON PLASMA PHYSICS LABORATORY

GOVERNMENT AGENCY OR DEPARTMENT	No. Proj.**	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
DOE	3	75,634,981	50,849	0	2,344,271	78,030,101
TOTAL GOVERNMENT	3	75,634,981	50,849	0	2,344,271	\$78,030,101
INDUSTRIAL	5	\$126,012	\$0	\$0	\$95,252	\$221,264
PRIVATE/OTHER	10	\$1,457,434	\$0	\$0	\$878,877	\$2,336,311
TOTAL PLASMA PHYSICS	18	\$77,218,427	\$50,849	\$0	\$3,318,400	\$80,587,676
TOTAL CAMPUS / PPPL	1,381	\$212,154,136	\$6,091,558	\$11,245,661	\$50,234,013	\$279,725,368

* 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 III

TABLE 7-1 - Section 1

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)**BY DEPARTMENT AND SPONSOR (July 1, 2012 - June 30, 2013)**

DEPARTMENT / PROGRAM	No. of Projects	GRAND TOTAL EXPENDITURES	NIH		NSF		DOE		AIR FORCE	
NATURAL SCIENCES	612	85,236	83	16,841	172	30,509	28	7,036	11	3,519
Applied & Computational Math	27	5,740	1	367	7	1,201	1	135	5	2,683
Astrophysical Sciences	67	5,320			13	1,161	4	440		
Atmospheric & Oceanic Sciences	29	5,600			10	900	3	589		
Chemistry	85	12,123	14	2,670	16	1,842	7	1,455	2	396
Ecology & Evolutionary Biology	37	3,326	4	874	13	894				
Geosciences	68	6,572			33	3,700	5	1,117		
Mathematics	51	4,188			40	3,484			1	3
Molecular Biology	131	16,321	59	12,115	3	493				
Physics	92	24,430			31	16,625	8	3,300	3	437
Psychology	25	1,615	5	815	6	209				
ENGINEERING & APPLIED SCIENCES	467	70,645	11	4,775	139	22,008	23	6,800	23	4,755
Chemical & Biological Engineering	60	6,595	6	1,067	11	1,388	4	409	2	345
Civil & Environ. Engineering	61	6,001			16	1,803	4	626		
Computer Science	65	8,333			36	5,651			2	502
Electrical Engineering	78	11,660	2	328	28	2,716	3	513	5	1,121
Mechanical & Aerospace Engineering	92	9,706			10	794	3	306	9	1,377
Oper. Res. & Financial Engineering	29	3,163	2	556	18	1,295			2	724
PRISM	82	25,187	1	2,824	20	8,361	9	4,946	3	687
HUMANITIES & SOCIAL SCIENCES	146	15,647	15	4,689	33	1,316	0	0	1	2,340
Anthropology	1	1			1	1				
Comparative Literature	1	48								
East Asian Studies	1	202								
East Asian Studies Program	1	25								
Economics	15	500			12	488				
English	2	33								
French & Italian	1	36								
History	4	80								
Jefferson Papers	2	152								
Music	1	4								
Near Eastern Studies	1	(1)								
Near Eastern Studies Program	1	139								
Philosophy	0	(0)								
Politics	20	987			7	104				
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	1	4								
Religion	2	90								
Sociology	15	677			7	270				
Woodrow Wilson School	44	6,787			3	232			1	2,340
Population Research (WWS)	31	5,775	15	4,689	3	222				
Survey Research Center (WWS)	2	111								
CENTERS, INSTITUTES & NON-DEPT'L	138	27,609	49	14,279	12	2,044	2	525	1	23
Art Museum	3	204								
Center for the Study of Religion	2	346								
Center for Teaching and Learning	1	30								
Center for Theoretical Science	1	229								
Dean of Religious Life	1	8								
Dean of the Faculty (Faculty Allowances)	1	50								
Graduate School	1	17								
Lewis-Siegler Institute	75	15,960	33	11,189	4	566	2	525	1	23
Library	3	180								
Pace Center	1	10								
Princeton Environmental Institute	13	4,280			1	98				
Princeton Neuroscience Institute (inc CSBMB)	30	5,180	16	3,090	2	282				
Princeton Inst for Computat'l Sci & Engin (PICSciE)	5	1,097			5	1,097				
Teacher Preparation	1	18								
TOTAL, MAIN CAMPUS	1363	199,138	158	40,584	356	55,877	53	14,361	36	10,638
Plasma Physics Laboratory	18	80,587					1	78,013		
GRAND TOTAL	1381	279,725	158	40,584	356	55,877	54	92,374	36	10,638

NOTES:

- Figures are rounded out to nearest dollar
- Projects less than \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes DHS, HUD, NARA., USDA, & USIP

SECTION III

TABLE 7-1 - Section 2

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2012 - June 30, 2013)

DEPARTMENT / PROGRAM	NAVY		NASA		ARMY		STATE OF NJ		DOC		DARPA	
NATURAL SCIENCES	11	1,565	28	3,068	12	1,537	10	290	6	3,167	1	117
Applied & Computational Math	6	857			1	107						
Astrophysical Sciences			13	1,366								
Atmospheric & Oceanic Sciences	1	50	2	276					3	2,835		
Chemistry	2	398			3	690			1	6		
Ecology & Evolutionary Biology												
Geosciences			6	281					2	326		
Mathematics												
Molecular Biology					3	96	10	290				
Physics	2	260	7	1,146	5	644					1	117
Psychology												
ENGINEERING & APPLIED SCIENCES	24	5,651	14	1,867	11	2,503	0	0	8	555	3	1,282
Chemical & Biological Engineering	1	102			2	1,330						
Civil & Environ. Engineering			7	1,239					8	555		
Computer Science	2	266									1	177
Electrical Engineering	4	409										
Mechanical & Aerospace Engineering	12	1,915	7	628	1	52						
Oper. Res. & Financial Engineering	1	29										
PRISM	4	2,931			8	1,121					2	1,105
HUMANITIES & SOCIAL SCIENCES	1	48	0	0	0	0	0	0	0	0	0	0
Anthropology												
Comparative Literature												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
French & Italian												
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	48										
Population Research (WWS)												
Survey Research Center (WWS)												
CENTERS, INSTITUTES & NON-DEPT'L	0	219	0	0	1	107	3	271	1	504	0	(1)
Art Museum							1	30				
Center for the Study of Religion												
Center for Teaching and Learning												
Center for Theoretical Science												
Dean of Religious Life												
Dean of the Faculty (Faculty Allowances)												
Graduate School												
Lewis-Siegler Institute		219										
Library												
Pace Center												
Princeton Environmental Institute					1	107			1	504		(1)
Princeton Neuroscience Institute (inc CSBMB)							2	241				
Princeton Inst for Computat'l Sci &Engin (PICSciE)												
Teacher Preparation								0				
TOTAL, MAIN CAMPUS	36	7,483	42	4,936	24	4,146	13	561	15	4,227	4	1,398
Plasma Physics Laboratory												
GRAND TOTAL	36	7,483	42	4,936	24	4,146	13	561	15	4,227	4	1,398

NOTES:

- Figures are rounded out to nearest dollar
- Projects less than \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes DHS, HUD, NARA., USDA, & USIP

SECTION III

TABLE 7-1 - Section 3

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)**BY DEPARTMENT AND SPONSOR (July 1, 2012 - June 30, 2013)**

DEPARTMENT / PROGRAM	DTRA/ NSA		NEH		ED		EPA		OTHER GOVT		GOVERNMENT	
NATURAL SCIENCES	1	58	0	0	0	0	0	0	4	101	367	67,808
Applied & Computational Math									1	60	22	5,411
Astrophysical Sciences	1	58									31	3,025
Atmospheric & Oceanic Sciences									2	10	21	4,660
Chemistry											45	7,457
Ecology & Evolutionary Biology									1	31	18	1,800
Geosciences											46	5,424
Mathematics											41	3,487
Molecular Biology											75	12,994
Physics											57	22,527
Psychology											11	1,023
ENGINEERING & APPLIED SCIENCES	1	14	0	0	0	0	4	369	4	396	265	50,976
Chemical & Biological Engineering											26	4,639
Civil & Environ. Engineering							3	327	2	180	40	4,731
Computer Science											41	6,595
Electrical Engineering							1	42			43	5,129
Mechanical & Aerospace Engineering									2	217	44	5,288
Oper. Res. & Financial Engineering	1	14									24	2,619
PRISM											47	21,975
HUMANITIES & SOCIAL SCIENCES	0	0	0	(0)	1	139	1	163	3	157	55	8,852
Anthropology											1	1
Comparative Literature											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											12	488
English											0	0
French & Italian											0	0
History											0	0
Jefferson Papers									2	152	2	152
Music											0	0
Near Eastern Studies											0	0
Near Eastern Studies Program					1	139					1	139
Philosophy				(0)							0	(0)
Politics										0	7	104
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)											0	0
Religion											0	0
Sociology									1	5	8	275
Woodrow Wilson School											5	2,620
Population Research (WWS)							1	163			19	5,073
Survey Research Center (WWS)											0	0
CENTERS, INSTITUTES & NON-DEPT'L	0	0	2	186	0	0	0	0	4	413	75	18,570
Art Museum											1	30
Center for the Study of Religion											0	0
Center for Teaching and Learning											0	0
Center for Theoretical Science											0	0
Dean of Religious Life											0	0
Dean of the Faculty (Faculty Allowances)											0	0
Graduate School											0	0
Lewis-Siegler Institute											40	12,523
Library			2	186					1	(5)	3	180
Pace Center											0	0
Princeton Environmental Institute									3	419	6	1,126
Princeton Neuroscience Institute (inc CSBMB)											20	3,613
Princeton Inst for Computat'l Sci & Engin (PICSciE)											5	1,097
Teacher Preparation											0	0
TOTAL, MAIN CAMPUS	2	72	2	186	1	139	5	531	15	1,068	762	146,206
Plasma Physics Laboratory											1	78,013
GRAND TOTAL	2	72	2	186	1	139	5	531	15	1,068	763	224,219

NOTES:

- Figures are rounded out to nearest dollar
- Projects less than \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes DHS, HUD, NARA., USDA, & USIP

SECTION III

TABLE 7-1 - Section 4

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)**BY DEPARTMENT AND SPONSOR (July 1, 2012 - June 30, 2013)**

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
NATURAL SCIENCES	64	3,773	34	2,634	147	11,021
Applied & Computational Math	1	14			4	315
Astrophysical Sciences	4	55			32	2,240
Atmospheric & Oceanic Sciences			2	208	6	731
Chemistry	8	451	15	1,392	17	2,824
Ecology & Evolutionary Biology	7	360	2	39	10	1,128
Geosciences	2	48	2	282	18	818
Mathematics	8	686			2	14
Molecular Biology	18	908	10	657	28	1,762
Physics	9	789	3	56	23	1,058
Psychology	7	461			7	130
ENGINEERING & APPLIED SCIENCES	25	1,508	75	8,982	102	9,179
Chemical & Biological Engineering	6	416	16	677	12	864
Civil & Environ. Engineering			1	14	20	1,256
Computer Science	8	293	5	317	11	1,128
Electrical Engineering	4	65	15	4,561	16	1,905
Mechanical & Aerospace Engineering	3	81	22	1,812	23	2,524
Oper. Res. & Financial Engineering			1	207	4	337
PRISM	4	653	15	1,395	16	1,165
HUMANITIES & SOCIAL SCIENCES	71	5,269	0	0	20	1,527
Anthropology						
Comparative Literature	1	48				
East Asian Studies	1	202				
East Asian Studies Program	1	25				
Economics	3	12				
English	2	33				
French & Italian	1	36				
History	3	21			1	59
Jefferson Papers						
Music	1	4				
Near Eastern Studies		1			1	(1)
Near Eastern Studies Program						
Philosophy						
Politics	9	468			4	415
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	1	4				
Religion	2	90				
Sociology	6	264			1	137
Woodrow Wilson School	31	3,855		0	8	311
Population Research (WWS)	7	96			5	606
Survey Research Center (WWS)	2	111				
CENTERS, INSTITUTES & NON-DEPT'L	29	3,303	5	2,824	29	2,913
Art Museum	2	174				
Center for the Study of Religion	1	344			1	1
Center for Teaching and Learning					1	30
Center for Theoretical Science	1	229				
Dean of Religious Life					1	8
Dean of the Faculty (Faculty Allowances)	1	50				
Graduate School	1	17				
Lewis-Siegler Institute	15	899			20	2,537
Library						
Pace Center					1	10
Princeton Environmental Institute	4	471	3	2,683		
Princeton Neuroscience Institute (inc CSBMB)	4	1,119	1	123	5	326
Princeton Inst for Computat'l Sci & Engin (PICSciE)						
Teacher Preparation			1	18		
TOTAL, MAIN CAMPUS	189	13,853	114	14,439	298	24,640
Plasma Physics Laboratory			7	238	10	2,336
GRAND TOTAL	189	13,853	121	14,678	308	26,976

NOTES:

- Figures are rounded out to nearest dollar
- Projects less than \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes DHS, HUD, NARA., USDA, & USIP

SECTION III

TABLE 7-2 - Section 1

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)**BY DEPARTMENT AND PRIME SPONSOR** (July 1, 2012 - June 30, 2013)

DEPARTMENT / PROGRAM	No. of Projects	GRAND TOTAL EXPENDITURES	NIH		NSF		DOE		AIR FORCE	
NATURAL SCIENCES	612	85,236	102	18,265	186	31,959	58	9,039	16	4,224
Applied & Computational Math	27	5,740	1	367	7	1,201	4	336	5	2,797
Astrophysical Sciences	67	5,320			17	2,244	5	443		
Atmospheric & Oceanic Sciences	29	5,600			11	1,000	4	731		
Chemistry	85	12,123	16	2,933	17	1,916	12	2,272	7	987
Ecology & Evolutionary Biology	37	3,326	10	1,263	14	900				
Geosciences	68	6,572			39	3,880	8	1,209		
Mathematics	51	4,188			41	3,493			1	3
Molecular Biology	131	16,321	69	12,873	3	493				
Physics	92	24,430	1	14	31	16,625	25	4,048	3	437
Psychology	25	1,615	5	815	6	209				
ENGINEERING & APPLIED SCIENCES	467	70,645	15	4,930	160	23,774	42	8,645	44	6,897
Chemical & Biological Engineering	60	6,595	7	1,183	13	1,511	9	649	3	495
Civil & Environ. Engineering	61	6,001			19	1,940	7	918		
Computer Science	65	8,333			43	5,990			3	727
Electrical Engineering	78	11,660	2	328	29	3,431	5	806	9	1,524
Mechanical & Aerospace Engineering	92	9,706			10	794	7	682	24	2,740
Oper. Res. & Financial Engineering	29	3,163	3	564	18	1,295	3	330	2	724
PRISM	82	25,187	3	2,855	28	8,812	11	5,260	3	687
HUMANITIES & SOCIAL SCIENCES	146	15,647	21	5,433	34	1,578	0	0	1	2,340
Anthropology	1	1			1	1				
Comparative Literature	1	48								
East Asian Studies	1	202								
East Asian Studies Program	1	25								
Economics	15	500			12	488				
English	2	33								
French & Italian	1	36								
History	4	80								
Jefferson Papers	2	152								
Music	1	4								
Near Eastern Studies	1	(1)								
Near Eastern Studies Program	1	139								
Philosophy	0	(0)								
Politics	20	987			8	366				
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	1	4								
Religion	2	90								
Sociology	15	677			7	270				
Woodrow Wilson School	44	6,787	2	159	3	232			1	2,340
Population Research (WWS)	31	5,775	19	5,275	3	222				
Survey Research Center (WWS)	2	111								
CENTERS, INSTITUTES & NON-DEPT'L	138	27,609	62	16,133	13	2,113	3	589	1	23
Art Museum	3	204								
Center for the Study of Religion	2	346								
Center for Teaching and Learning	1	30								
Center for Theoretical Science	1	229								
Dean of Religious Life	1	8								
Dean of the Faculty (Faculty Allowances)	1	50								
Graduate School	1	17								
Lewis-Siegler Institute	75	15,960	46	13,044	5	635	2	525	1	23
Library	3	180								
Pace Center	1	10								
Princeton Environmental Institute	13	4,280			1	98	1	64		
Princeton Inst for Computat'l Sci &Engin (PICSciE)	5	1,097			5	1,097				
Princeton Neuroscience Institute (inc CSBMB)	30	5,180	16	3,089	2	282				
Teacher Preparation	1	18								
TOTAL, MAIN CAMPUS	1363	199,138	200	44,762	393	59,424	103	18,274	62	13,484
Plasma Physics Laboratory	18	80,588					3	78,030		
GRAND TOTAL	1381	279,725	200	44,762	393	59,424	106	96,304	62	13,484

NOTES:

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

SECTION III

TABLE 7-2 - Section 2

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)
BY DEPARTMENT AND PRIME SPONSOR (July 1, 2012 - June 30, 2013)

DEPARTMENT / PROGRAM	NAVY		NASA		ARMY		STATE OF NJ		DOC		DARPA	
NATURAL SCIENCES	12	1,562	56	4,563	15	2,139	10	290	6	3,167	5	278
Applied & Computational Math	6	857			1	107					1	1
Astrophysical Sciences			36	2,289								
Atmospheric & Oceanic Sciences	1	50	4	491					3	2,835		
Chemistry	2	398			5	1,230			1	6	1	6
Ecology & Evolutionary Biology												
Geosciences			8	522	1	62			2	326		
Mathematics												
Molecular Biology					3	96	10	290				
Physics	3	257	8	1,261	5	644					3	271
Psychology												
ENGINEERING & APPLIED SCIENCES	29	6,121	29	2,426	20	3,344	0	0	12	794	13	2,974
Chemical & Biological Engineering	1	102			2	1,330			1	13		
Civil & Environ. Engineering			13	1,542					11	781		
Computer Science	3	351									6	897
Electrical Engineering	5	515			3	334					3	483
Mechanical & Aerospace Engineering	14	2,150	14	868	3	171						
Oper. Res. & Financial Engineering	1	29										
PRISM	5	2,974	2	16	12	1,508		0			4	1,594
HUMANITIES & SOCIAL SCIENCES	1	48	0	0	0	0	0	0	0	0	0	0
Anthropology												
Comparative Literature												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
French & Italian												
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	48										
Population Research (WWS)												
Survey Research Center (WWS)												
CENTERS, INSTITUTES & NON-DEPT'L	2	231	0	0	1	107	3	271	1	504	2	381
Art Museum							1	30				
Center for the Study of Religion												
Center for Teaching and Learning												
Center for Theoretical Science												
Dean of Religious Life												
Dean of the Faculty (Faculty Allowances)												
Graduate School												
Lewis-Siegler Institute	1	219									1	258
Library												
Pace Center												
Princeton Environmental Institute					1	107			1	504		(1)
Princeton Inst for Computat'l Sci & Engin (PICSciE)												
Princeton Neuroscience Institute (inc CSBMB)	1	11					2	241			1	123
Teacher Preparation												
TOTAL, MAIN CAMPUS	44	7,961	85	6,989	36	5,590	13	561	19	4,465	20	3,633
Plasma Physics Laboratory												
GRAND TOTAL	44	7,961	85	6,989	36	5,590	13	561	19	4,465	20	3,633

NOTES:

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

SECTION III

TABLE 7-2 - Section 3

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)**BY DEPARTMENT AND PRIME SPONSOR** (July 1, 2012 - June 30, 2013)

DEPARTMENT / PROGRAM	DTRA/ NSA		NEH		ED		EPA		OTHER GOVT		GOVERNMENT	
NATURAL SCIENCES	1	58	0	0	0	0	0	0	8	786	475	76,330
Applied & Computational Math									1	60	26	5,726
Astrophysical Sciences	1	58									59	5,034
Atmospheric & Oceanic Sciences									3	215	26	5,322
Chemistry									1	406	62	10,153
Ecology & Evolutionary Biology									1	31	25	2,194
Geosciences									1	47	59	6,047
Mathematics											42	3,496
Molecular Biology											85	13,752
Physics											79	23,556
Psychology									1	27	12	1,050
ENGINEERING & APPLIED SCIENCES	2	98	0	0	0	0	4	369	9	987	379	61,359
Chemical & Biological Engineering											36	5,283
Civil & Environ. Engineering							3	327	4	339	57	5,847
Computer Science											55	7,965
Electrical Engineering		(0)					1	42			57	7,463
Mechanical & Aerospace Engineering									3	307	75	7,712
Oper. Res. & Financial Engineering	1	14									28	2,956
PRISM	1	84							2	341	71	24,133
HUMANITIES & SOCIAL SCIENCES	0	0	0	(0)	1	139	1	163	6	192	65	9,892
Anthropology											1	1
Comparative Literature											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											12	488
English											0	0
French & Italian											0	0
History											0	0
Jefferson Papers									2	152	2	152
Music											0	0
Near Eastern Studies											0	0
Near Eastern Studies Program					1	139					1	139
Philosophy				(0)							0	(0)
Politics										0	8	366
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)											0	0
Religion											0	0
Sociology									1	5	8	275
Woodrow Wilson School									3	34	10	2,813
Population Research (WWS)							1	163			23	5,659
Survey Research Center (WWS)											0	0
CENTERS, INSTITUTES & NON-DEPT'L	0	0	2	186	0	0	0	0	4	413	94	20,950
Art Museum											1	30
Center for the Study of Religion											0	0
Center for Teaching and Learning											0	0
Center for Theoretical Science											0	0
Dean of Religious Life											0	0
Dean of the Faculty (Faculty Allowances)											0	0
Graduate School											0	0
Lewis-Siegler Institute											56	14,705
Library			2	186					1	(5)	3	180
Pace Center											0	0
Princeton Environmental Institute									3	419	7	1,190
Princeton Inst for Computat'l Sci & Engin (PICSciE)											5	1,097
Princeton Neuroscience Institute (inc CSBMB)											22	3,747
Teacher Preparation											0	0
TOTAL, MAIN CAMPUS	3	156	2	186	1	139	5	531	27	2,377	1013	168,531
Plasma Physics Laboratory											3	78,030
GRAND TOTAL	3	156	2	186	1	139	5	531	27	2,377	1016	246,561

NOTES:

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

SECTION III

TABLE 7-2 - Section 4

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)
BY DEPARTMENT AND PRIME SPONSOR (July 1, 2012 - June 30, 2013)

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
NATURAL SCIENCES	64	3,773	29	2,198	44	2,935
Applied & Computational Math	1	14				
Astrophysical Sciences	4	55			4	231
Atmospheric & Oceanic Sciences			1	4	2	274
Chemistry	8	451	13	1,357	2	162
Ecology & Evolutionary Biology	7	360	2	39	3	734
Geosciences	2	48	2	282	5	195
Mathematics	8	686			1	6
Molecular Biology	18	908	9	484	19	1,177
Physics	9	789	2	32	2	52
Psychology	7	461			6	104
ENGINEERING & APPLIED SCIENCES	25	1,508	39	6,181	24	1,597
Chemical & Biological Engineering	6	416	13	531	5	365
Civil & Environ. Engineering			1	14	3	140
Computer Science	8	293	1	42	1	33
Electrical Engineering	4	65	10	3,878	7	254
Mechanical & Aerospace Engineering	3	81	8	1,159	6	754
Oper. Res. & Financial Engineering			1	207		
PRISM	4	653	5	350	2	52
HUMANITIES & SOCIAL SCIENCES	70	5,250	0	0	11	505
Anthropology						
Comparative Literature	1	48				
East Asian Studies	1	202				
East Asian Studies Program	1	25				
Economics	3	12				
English	2	33				
French & Italian	1	36				
History	3	21			1	59
Jefferson Papers						
Music	1	4				
Near Eastern Studies		1			1	(1)
Near Eastern Studies Program						
Philosophy						
Politics	9	468			3	153
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	1	4				
Religion	2	90				
Sociology	6	264			1	137
Woodrow Wilson School	30	3,836		0	4	137
Population Research (WWS)	7	96			1	20
Survey Research Center (WWS)	2	111				
CENTERS, INSTITUTES & NON-DEPT'L	29	3,303	3	2,637	12	720
Art Museum	2	174				
Center for the Study of Religion	1	344			1	1
Center for Teaching and Learning					1	30
Center for Theoretical Science	1	229				
Dean of Religious Life					1	8
Dean of the Faculty (Faculty Allowances)	1	50				
Graduate School	1	17				
Lewis-Siegler Institute	15	899			4	355
Library						
Pace Center					1	10
Princeton Environmental Institute	4	471	2	2,619		
Princeton Inst for Computat'l Sci & Engin (PICSciE)						
Princeton Neuroscience Institute (inc CSBMB)	4	1,119			4	315
Teacher Preparation			1	18		
TOTAL, MAIN CAMPUS	188	13,834	71	11,016	91	5,757
Plasma Physics Laboratory			5	221	10	2,336
GRAND TOTAL	188	13,834	76	11,237	101	8,093

NOTES:

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

SECTION III

This Section lists sponsored projects by department/program which were active during the period of July 1, 2012 to June 30, 2013. 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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Center for Theoretical Science	51
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Civil and Environmental Engineering.....	64
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Library	105
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Mechanical and Aerospace Engineering.....	110
Molecular Biology.....	118
Music.....	127
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Andlinger Center for Energy and the Environment

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Steingart, Daniel A	3336000	Grant	EAGER: Collaborative Research: Shear Dependent Reaction Kinetics in Particulate Electrochemical Energy Storage	National Science Foundation	02/15/2013	01/31/2014	48,000

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Singer, Amit	1096136	Grant	Discovery of Empirical Components by Information Theory, Random Matrix Theory, and Computational Topology	Air Force Office of Scientific Research	02/15/2013	02/14/2016	900,000
Carter, Emily A	1096135	Grant	A Synergistic Approach to Microstructural Modeling and Optimization of Solid Oxide Fuel Cells	University of South Carolina	08/01/2012	07/31/2013	5,000
E, Weinan	1096134	Grant	Multi-scale/Multi-physics Modeling: Rare events in Complex Systems	Office of Naval Research	02/01/2013	01/13/2016	524,809
E, Weinan	1096133	Grant	Modeling Mesoscale Processes of Scalable Synthesis	DOE - Washington	12/01/2012	11/30/2017	750,000
Constantin, Peter	1096132	Grant	Singularities, Mixing and Long Time Behavior in Nonlinear Evolution	National Science Foundation	04/09/2012	06/30/2015	252,337
Constantin, Peter	1096131	Grant	Complex and Nonlocal Systems	National Science Foundation	09/17/2012	09/30/2015	599,998
Singer, Amit	1094010						66,000
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	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
Car, Roberto							
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	1096118						745,914
Bocarsly, Andrew B							
Carter, Emily A	1096117	Grant	Next Generation Orbital-Free Density Functional Theory: Physics, Algorithms, and Applications	Office of Naval Research	10/01/2010	03/31/2015	520,000
Carter, Emily A	1096125						830,000
Daubechies, Ingrid C	1096115	Grant	CMG RESEARCH: Combining Adjoint Tomography and Sparse Imaging Methods in Seismology	National Science Foundation	09/15/2010	08/31/2013	480,000
Tromp, Jeroen							
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	388,708
Carter, Emily A	1096126						405,000
Seymour, Paul D	1096113	Grant	Immersion and Structural Graph Theory	Office of Naval Research	07/01/2010	03/31/2014	294,149
Seymour, Paul D	1096122						444,496
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	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
Haataja, Mikko P							

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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 L	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
E, Weinan	1096102	Grant	Efficient Algorithms for Electronic Structure Analysis	National Science Foundation	09/01/2009	08/31/2013	400,000
Daubechies, Ingrid C Calderbank, Robert Singer, Amit	1096101	Grant	Building Mathematical Tools to Find Needles in Haystacks	Air Force Office of Scientific Research	09/01/2009	08/31/2012	614,631
Singer, Amit	1096100	Grant	Improved Algorithms for Macromolecular Structure Determination by cryo-EM and NMR	NIH NIGMS	08/01/2009	06/30/2014	1,451,401
Daubechies, Ingrid C Calderbank, Robert Singer, Amit	1096099	Grant	ARRA: New Initiative in Computational Mathematics at Princeton	National Science Foundation	08/01/2009	07/31/2012	980,043
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
Holmes, Philip J	1096090	Contract	Mathematical Analysis of the Empirical Mode Decomposition	Federal Highway Admin (DOT/FHWA)	09/15/2008	11/30/2012	750,000
Singer, Amit Daubechies, Ingrid C	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
Singer, Amit Daubechies, Ingrid C	1096124						108,750
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

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	3106072	Grant	PUAM - FY2013 Application for General Program Support	NJ State Council on the Arts	07/01/2012	06/30/2013	30,000
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 Fdn 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

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Ji, Hantao	1206464	Grant	Study of Particle Acceleration and Fine-Scale Structures of Collisionless Magnetic Reconnection Driven by High-Energy Petawatt Lasers	DOE- Albuquerque Operations Office	02/01/2013	01/31/2015	403,800
Bhattacharjee, Amitava	1206463	Grant	Extended MHD Studies of Flow-Driven and Reconnecting Instabilities in Toroidal Plasmas	University of New Hampshire	03/01/2013	02/28/2014	56,025
Bhattacharjee, Amitava	1206462	Grant	Collaborative Research: Integration of Extended MHD and Kinetic Effects in Global Magnetosphere Models	National Science Foundation	06/15/2013	05/31/2018	1,280,000
Bakos, Gaspar A	1206457	Grant	Operating an Improved HAT Network to Discover and Characterize Many Planets, from Super-Earths to Super-Jupiters, Transiting Bright Stars	NASA Headquarters - Washington	04/09/2013	04/08/2016	771,800
Bhattacharjee, Amitava	1206456	Grant	Multiscale Model of the Magnetosphere	University of New Hampshire	09/01/2012	05/03/2014	223,780
Bhattacharjee, Amitava	1206455	Grant	SHINE: Instability of Large-Scale Current Sheets, Plasmoid Formation, and Particle Acceleration in Coronal Plasmas	National Science Foundation	01/01/2013	03/31/2014	157,775
Burrows, Adam S	1206454	Contract	"The Eccentric Exoplanets: A Survey of Atmospheric Heating and Variability", and "New Frontiers for Comparative Exoplanetology In the Era of Kepler"	Cal Tech - Jet Propulsion Lab (JPL)	03/13/2013	09/30/2014	45,000
Spergel, David N	1206453	Contract	Constraining Dark Energy and Modified Gravity with Euclid	Cal Tech - Jet Propulsion Lab (JPL)	03/13/2013	09/10/2013	52,000
Spergel, David N	1204192	Grant	Development of Subaru Prime Focus Spectrograph (PFS) Detectors, Cryostats, Grating, and Infrared Cameras, etc.	Kavli Institute for Physics and Mathematics	07/01/2012	03/31/2014	2,730,486
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
Bhattacharjee, Amitava	1206452	Grant	Role of Collisionless Reconnection and Three-Dimensional Geometry in Coronal Eruption	University of New Hampshire	02/01/2013	12/21/2013	97,984
Bhattacharjee, Amitava	1206450	Grant	Magnetic Reconnection in High-Energy-Density Laboratory Plasmas	University of New Hampshire	01/01/2013	08/14/2013	133,260
Strauss, Michael A	1206449	Contract	The Host Galaxies of High-Luminosity Obscured Quasars at $z \sim 2.5$	Space Telescope Science Institute	02/01/2013	01/31/2016	4,768
Fisch, Nathaniel J	1206448	Grant	Center for Pulsed Power Driven High Energy Density Plasmas	Cornell University	10/01/2012	09/30/2017	525,000
Ostriker, Eve C	1206447	Grant	From Galactic Centers to Galactic Fringes: Control of Star Formation in the Dynamic Interstellar Medium	National Science Foundation	12/15/2012	08/31/2014	149,055
Ostriker, Eve C	1206461						8,800
Price, Paul A	1206446	Contract	A Homogeneous ACS Dataset for Realistic Galaxy Simulations	Space Telescope Science Institute	11/01/2012	10/31/2015	13,299
Bowen, David V	1206445	Contract	Mapping Baryons in the Halo of NGC 1097	Space Telescope Science Institute	10/01/2012	09/30/2015	221,221
Spitkovsky, Anatoly	1206444	Grant	Particle Acceleration and Field Generation in Early Afterglows of GRBs	NASA Headquarters - Washington	11/20/2012	11/19/2013	25,000
Prieto, Jose L	1206443	Contract	The Stellar Environment of SN 2008jb: Resolving the Nature of the Progenitor	Space Telescope Science Institute	11/01/2012	10/31/2015	50,069
Jenkins, Edward B	1206442	Contract	The Physical and Dynamical Properties of Gas that Molds the Fermi Bubbles	Space Telescope Science Institute	11/01/2012	10/31/2015	119,308

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

Astrophysical Sciences (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Bakos, Gaspar A	1204191	Grant	Packard Fellowship Grant: Gaspar Bakos	The David and Lucile Packard	10/17/2012	10/15/2017	875,000
Spergel, David N	1204189	Grant	Detecting of Falsifying the Multiverse	University of Chicago	10/01/2012	08/31/2014	177,900
Walkowicz, Lucianne M	1204190	Grant	Stellar Lighthouses: Decoding Signatures of Advanced Civilizations in Precision Stellar Photometry	University of Chicago	10/01/2012	08/31/2014	249,905
Burrows, Adam S	1206441	Grant	Motivation to Study Variability (E. Rauscher, Sagan Fellowship)	Cal Tech - Jet Propulsion Lab (JPL)	09/01/2012	08/31/2013	103,200
Spergel, David N	1206440	Contract	Optimal Cosmological Inference from Lensing and Redshift Observations: Cosmology Beyond Cosmic Variance	Cal Tech - Jet Propulsion Lab (JPL)	09/01/2012	08/31/2014	251,000
Spergel, David N	1206439	Grant	Testing Gravity with Large-Scale Structure	Smithsonian Astrophysical Observatory	09/01/2012	09/30/2013	120,767
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	05/30/2014	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
Bakos, Gaspar A	1204188	Grant	Alfred P. Sloan Research Fellowship for Dr. Gaspar Bakos in Physics	Alfred P. Sloan Foundation	09/15/2012	09/15/2014	50,000
Draine, Bruce T	1206431	Grant	Using WISE to Measure the Diffuse Galactic Light	NASA Headquarters - Washington	06/01/2012	08/31/2013	54,080
Cen, Renyue	1206430	Grant	High-Redshift Galaxy Formation Simulations	NASA Headquarters - Washington	07/01/2012	06/30/2015	529,000
Greene, Jenny E	1206429	Grant	ALMA Fellowship - Ai-Lei Sun	National Radio Astronomy Observatory	01/01/2012	12/31/2013	14,475
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	03/31/2013	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	5,250
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	6,324
Spergel, David N	1204182	Grant	Searching for Cosmological Signatures of New Physics	Netherlands Org for Scientific Rsrch	10/15/2011	10/14/2013	150,062

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

Astrophysical Sciences (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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	82,593
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
Bakos, Gaspar A	1206460						8,800
Cen, Renyue	1206412	Grant	Simulating Galaxies Across Reionization: A Multiwavelength View	National Science Foundation	09/01/2011	08/31/2014	597,200
Cen, Renyue	1206458						17,600
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
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	08/31/2014	318,365
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
Stone, James M	1206401	Grant	Radiation/MHD Simulations of Accretion	The Johns Hopkins University	02/18/2011	02/17/2014	346,310
Spitkovsky, Anatoly	1206400	Grant	Collisionless Shocks in Laboratory High Energy Density	DOE - National Nuclear Security Admin	02/02/2011	02/01/2014	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	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	05/31/2013	59,801
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

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Astrophysical Sciences (4)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Draine, Bruce T	1206388	Grant	Optical Properties of Interstellar Dust	National Science Foundation	08/01/2010	07/31/2014	314,081
Draine, Bruce T	1206408						9,900
Draine, Bruce T	1206459						8,800
Goodman, Jeremy J	1206384	Grant	Predicting Signatures of Accretion and Turbulence in Protoplanetary Disks	NASA Headquarters - Washington	09/01/2010	08/31/2014	362,000
Stone, James M							
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
Bowen, David V	1206379	Grant	Metal Baryons Around Galaxies	NASA Headquarters - Washington	12/08/2009	12/07/2013	518,239
Strauss, Michael A	1206376	Grant	NSF Fellowship - Cullen Blake	National Science Foundation	09/01/2009	08/31/2012	22,200
Spitkovsky, Anatoly	1206373	Contract	Theoretical Models of Gamma-Ray Burst Central Engines	Smithsonian Astrophysical Observatory	09/01/2009	04/30/2013	299,031
Metzger, Brian D							
Stone, James M	1206372	Grant	ARRA: Magnetohydrodynamics of Protoplanetary Disks	National Science Foundation	09/01/2009	08/31/2013	633,320
Rafikov, Roman R							
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 Planetsimal Formation in Protoplanetary Disks	NASA Goddard Space Flight Center	09/01/2009	08/31/2012	83,906
Strauss, Michael A	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	429,383
Lupton, Robert H							
Spergel, David N							
Gunn, James E	1206365	Grant	Stellar Population Synthesis Modeling A Critical Evaluation	National Science Foundation	08/01/2009	08/31/2013	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
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	12/31/2013	913,023
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	1,333,000
Bhattacharjee, Amitava							
Spitkovsky, Anatoly	1206339	Grant	Particle Acceleration in Astrophysical Collisionless Shocks	National Science Foundation	07/15/2008	06/30/2013	354,000
Spitkovsky, Anatoly	1206436						8,494

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

Astrophysical Sciences (5)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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	04/17/2014	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
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	52,727
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
Goodman, Jeremy J	1206311	Grant	Tides and Atmospheres for Hot Jupiters	National Science Foundation	09/01/2007	08/31/2012	149,975
Lupton, Robert H	1206276	Grant	Testbed Photometric Data Processor (TPDP)	National Optical Astronomy Observatory	09/01/2005	09/30/2013	1,699,800

Contributions Made to Other Units :

Mechanical & Aerospace Engineering

David N Spergel

Pace Center

Gillian R Knapp

Physics

David N Spergel

Princeton Institute for Computational Science and Engineering (PICSciE)

Anatoly Spitkovsky

James M Stone

William M Tang

Princeton Plasma Physics Laboratory

Samuel A Cohen

Nathaniel J Fisch

Robert J Goldston

Gregory W Hammett

Stephen C Jardin

Hantao Ji

Stewart C Prager

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

Contributions Made to Other Units (cont.):

Woodrow Wilson School
Christopher F Chyba

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

Atmospheric & Oceanic Sciences

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Vallis, Geoffrey K	3436220	Grant	Energy Pathways and Scale Interactions in the Ocean	National Science Foundation	03/15/2013	02/29/2016	365,082
Lin, Meiyun	3434048	Contract	Investigation of Global Modeling and Lightning NOx Emissions as Sources of Regional Background Ozone in Texas	Environ International Corporation	01/17/2013	11/30/2013	9,810
Vallis, Geoffrey K	3436219	Contract	Climate Research on Large-Scale Circulation of the Ocean and Atmosphere	Los Alamos National Laboratory	10/11/2012	09/30/2013	204,028
Sarmiento, Jorge L Key, Robert M	3436218	Grant	Towards a 4D-Var Approach for Estimation of Air-sea Carbon Dioxide Fluxes	NASA Headquarters - Washington	07/01/2012	12/31/2013	324,278
Sarmiento, Jorge L	3436217	Grant	Tropical Ocean-Atmosphere Interactions: The Past, The Present and the Future: A Symposium Honoring George Philander and His Work	National Science Foundation	09/01/2012	08/31/2013	20,000
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	01/31/2014	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
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	U.S. DOC - Natl Oceanic & Atmos Admin	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	340,410
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

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

Atmospheric & Oceanic Sciences (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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 Admin	05/01/2010	04/30/2014	449,825
Sarmiento, Jorge L Wood, Eric F	3436197	Cooperative Agreement	CICS Shadow Award Under CICS Award NA17RJ2612 Competitive Proposals	U.S. DOC - Natl Oceanic & Atmos Admin	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	12/31/2013	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						333,267
Oey, Lie-Yauw	3436189	Contract	Mid-Atlantic Ocean Model Calculations	Bureau of Safety and Env 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

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

Atmospheric & Oceanic Sciences (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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 Admin	07/01/2008	06/30/2018	0
Sarmiento, Jorge L	3436180						310,060
Sarmiento, Jorge L	3436181						16,556,832
Sarmiento, Jorge L	3436183						22,679
Key, Robert M	3436184						630,725
Rodgers, Keith B	3436185						311,794
Sarmiento, Jorge L							
Sarmiento, Jorge L	3436186						182,000
Sarmiento, Jorge L							
Oey, Lie-Yauw	3436193						56,000
Sarmiento, Jorge L	3446093		<i>Also see child P/Gs in PEI - starting with 3446093</i>				
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

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ACTIVE SPONSORED PROJECTS
7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	2,101,983
Wuthnow, Robert	3254047						153,210

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Center for Teaching & Learning

ACTIVE SPONSORED PROJECTS
7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Himpele, Jeffrey D	6164001	Grant	Community Colleges Partnership Agreement	Princeton University	07/01/2006	06/30/2014	195,000

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Center for Theoretical Science

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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

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

Chemical and Biological Engineering

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Aksay, Ilhan A	1606380	Grant	Low-Cost, Fast-Charging Batteries for Hybrid Vehicles	Vorbeck Materials	03/06/2013	03/05/2015	250,000
Sundaresan, Sankaran	1606379	Contract	Carbon Capture Simulation Initiative, Particle and Device Scale Modeling	URS Energy and Construction Inc.	02/01/2013	11/14/2013	157,619
Brynildsen, Mark P	1606377	Grant	Aminoglycoside-Enabled Elucidation of Persister Metabolism	NIH NIAID	02/01/2013	01/31/2015	417,067
Aksay, Ilhan A	1606376	Grant	Smart Functional Nanoenergetic Materials	The Pennsylvania State University	11/01/2012	10/31/2015	489,334
Selloni, Annabella							
Selloni, Annabella	1606378						143,999
Prud'homme, Robert K	1604249	Contract	Oncology Applications Combining Centyrin Antibody Scaffold with Flash Nanoprecipitation Nanoparticles	Janssen Research & Development, LLC	12/19/2012	09/30/2014	345,840
Link, A. James							
Floudas, Christodoulos A	1606375	Grant	EAGER: Towards Multiscale Modeling. Optimization, and Uncertainty in Materials Design for CO2 Capture	National Science Foundation	04/01/2013	03/31/2014	100,000
Priestley, Rodney D	1604248	Grant	Dynamics of Confined Polymer Liquids and Glasses Under Positive and Negative Pressures	American Chemical Society	06/01/2013	08/31/2015	100,000
Brangwynne, Clifford P	1606374	Grant	Cell Growth Control by Cell and Organelle Size-Dependent Ribosome Biogenesis	NIH NIGMS	09/30/2012	06/30/2017	2,415,000
Gao, Jia	1604247	Grant	In-situ Fabrication of Structurally Precise Graphene Nanoribbons for High Performance Electronic Devices	Netherlands Org for Scientific Rsrch	10/01/2012	09/30/2014	160,705
Brynildsen, Mark P	1606373	Contract	Investigating Metabolic Control of Persister Formation in Biofilms	Army Medical Rsrch Acquisition Activity	09/30/2012	09/29/2014	1,000,000
Debenedetti, Pablo G	1606372	Grant	Collaborative Research: Ordering Process in Water, Aqueous Solutions, and Water-Biomolecule Systems	National Science Foundation	09/01/2012	08/31/2015	450,000
Brangwynne, Clifford P	1604246	Grant	RNA Helicases in RNA/protein Body Assembly and Function: A Multi-Scale Approach	Human Frontier Science Prog Org (HFSP)	10/01/2012	09/30/2015	300,000
Floudas, Christodoulos A	1606371	Grant	Novel Optimization Methods for Design, Synthesis, Supply Chain, and Uncertainty of Hybrid Biomass, Coal, and Natural Gas to Liquids, CBGTL, Processes	National Science Foundation	08/01/2012	07/31/2015	375,000
Kevrekidis, Yannis G	1606370	Grant	Developing Dynamic Data-Driven Protocols to Study Complex Systems: The Case of Engineered Granular Crystals	Air Force Office of Scientific Research	07/01/2012	06/30/2015	1,380,499
Sundaresan, Sankaran	1606369	Contract	Carbon Capture Simulation Initiative, Particle and Device Scale Modeling	URS Energy and Construction Inc.	03/01/2012	01/31/2013	112,377
Nelson, Celeste M	1604245	Grant	The Chemistry of Morphogenesis: Quantitative Analysis of Transcription Factor Kinetics During Tissue Development	The Camille and Henry Dreyfus Fdn.,	07/01/2012	06/30/2017	75,000
Brangwynne, Clifford P	1604244	Grant	Scaling Nucleolar Function for Cell Growth Control	Searle Scholars Program	07/01/2012	06/30/2015	300,000
Loo, Lynn	1604243	Cooperative Agreement	BASF-Understanding and Control of Crystallization of our Semiconductors on Various Surfaces	BASF Corporation	06/01/2012	05/31/2015	300,000
Weber, Stephanie C	1604242	Grant	Mechanisms Controlling Cell and Body Size in the Nematode <i>Caenorhabditis Elegans</i>	Damon Runyon Cancer Research Foundation	07/01/2012	06/30/2015	156,000
Priestley, Rodney D	1606367	Grant	Characterization of Nanostructured Polymer Films	Air Force Office of Scientific Research	06/01/2012	05/31/2015	360,000

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>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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	296,000
Prud'homme, Robert K	1604241						148,000
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	121,711
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	02/28/2014	342,700
Sundaresan, Sankaran	1604235	Contract	Reactive Liquid Transport and Agglomeration Tendency in Fluidized Beds	Syncrude Canada Ltd.	07/01/2011	06/30/2015	337,500
Nelson, Celeste M	1606362	Grant	Mechanical Regulation of Branching Morphogenesis	NIH NHLBI	07/01/2011	06/30/2014	442,750
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	12/31/2013	304,135
Stone, Howard A							
Koel, Bruce E	1606359	Grant	Structure and Chemistry of ALloy and Oxide Films at Bimetallic Pt Surface	National Science Foundation	01/01/2011	08/31/2014	485,000
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	195,000
Loo, Lynn	1606366						195,000
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 Ntl Labs	11/15/2010	09/30/2012	300,000
Aksay, Ilhan A	1604232	Grant	Electrically Conducting Polymer-Graphene Nanocomposites	French American Cultural Exchange	07/01/2010	09/30/2013	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
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

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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-Parcel Flows	ExxonMobil Global Services Company	12/18/2009	12/31/2013	195,000
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	08/31/2014	530,000
Nelson, Celeste M	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
Gomez, Esther W							
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	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							
Stone, Howard A							
Prevost, Jean-	1606337						277,736
Stone, Howard A	1606339						133,561
Floudas, Christodoulos A	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	08/31/2014	480,760
Garcia, Benjamin A							
Rabinowitz, Joshua D							
Rabinowitz, Joshua D	1606335						347,112
Floudas, Christodoulos A							
Garcia, Benjamin A	1606336						475,362
Floudas, Christodoulos A							
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
Kevrekidis, Yannis G	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							
Singer, Amit	1606334						60,813
Loo, Lynn	1604225	Grant	Interfacial Engineering in Organic Solar Cells	The Camille and Henry Dreyfus Fdn.,	01/01/2009	10/01/2012	119,696

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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
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
Floudas, Christodoulos A	1606314	Grant	Protein Structure Prediction Using First Principles	NIH NIGMS	09/01/2008	08/31/2014	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	05/31/2013	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	1606306	Grant	Spatial Patterning of Branching Morphogenesis	NIH NIGMS	05/01/2008	04/30/2014	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
Prud'homme, Robert K	1604211	Grant	Cambrex Ligand Binding Study	Cambrex Pharmaceutical Products &	05/01/2007	12/31/2013	10,263
Floudas, Christodoulos A	1606291	Grant	Peptide and Protein Identification via Tandem MS and Mixed-Integer Optimization	NIH NLM	05/01/2007	04/30/2013	1,045,118
Prud'homme, Robert K	1604210	Contract	Use of Cyclodextrins in Polymer Synthesis	Arkema Inc.	12/01/2006	11/30/2012	99,137
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 :

Graduate School

William B Russel

Lewis-Sigler Institute for Integrative Genomics

Stanislav Y Shvartsman

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

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Contributions Made to Other Units (cont.) :

Mechanical & Aerospace Engineering

Pablo G Debenedetti

Bruce E. Koel

Athanassios Z Panagiotopoulos

Physics

Jay B Benziger

Princeton Environmental Institute (PEI)

Pablo G Debenedetti

Athanassios Z Panagiotopoulos

PRISM

Jay B Benziger

Mark P Brynildsen

A. James Link

Lynn Loo

Celeste M Nelson

Athanassios Z Panagiotopoulos

Rodney D Priestley

Richard A Register

William B Russel

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Muir, Tom	1304447	Contract	Discovery and Applications of Novel Inteins	Amgen, Inc.	04/01/2013	03/31/2015	177,534
Breen, Catherine M Hecht, Michael H	1306099	Grant	SURF Gaithersburg	Ntl Inst of Standards and Technology	05/01/2013	09/30/2013	8,336
Chirik, Paul J	1304445	Contract	Base Metal Catalysis for Flavors and Fragrances	Firmenich SA	06/01/2013	05/31/2014	72,000
Seyedsayamdost, Mohammad R	1304444	Grant	Life Sciences Research Foundation Fellowship	Life Sciences Research Foundation	03/27/2013	03/26/2014	13,979
Seyedsayamdost, Mohammad R	1306096	Grant	Molecular Analysis of Metabolites and Signaling Networks in Microbial Symbioses	NIH NIGMS	03/01/2013	02/29/2016	746,560
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
Groves, John T	1304443	Grant	Improving the Scope of Manganese-Porphyrin Catalyzed Direct Halogenation: Enabling the Late-Stage Installation of C-X	Merck & Co., Inc.	01/30/2013	07/29/2014	98,081
Chan, Garnet K	1304442	Grant	Alfred P. Sloan Fellowship	Alfred P. Sloan Foundation	02/15/2013	09/15/2013	36,711
Chirik, Paul J	1306092	Grant	COLLABORATIVE RESEARCH: SusChem Workshop on Base Metal Catalysis	National Science Foundation	02/01/2013	01/31/2015	42,092
MacMillan, David W	1304441	Grant	Catalysis Center Research Activities	Abbott Laboratories	11/01/2012	10/31/2013	57,000
MacMillan, David W Doyle, Abigail G	1304440	Grant	Bristol-Myers Squibb Lecturer in Organic Synthesis	Bristol-Myers Squibb Foundation	11/01/2012	10/31/2013	5,000
Chan, Garnet K	1306091	Grant	Advanced Quantum Chemical Methods for Strong Correlation and Beyond	National Science Foundation	07/03/2012	06/30/2015	431,962
Reider, Paul J	1304439	Contract	Amgen Funding of the Reider Undergraduate Research Group 2013	Amgen, Inc.	12/01/2012	11/30/2013	50,000
Sorensen, Erik J	1306089	Cooperative Agreement	CCI Center in Selective C-H Functionalization	Emory University	09/15/2012	08/31/2013	86,250
Bernasek, Steven L	1306086	Contract	Conductive Transparent Films for Ionic Liquid Based Reversible Electrochemical Mirrors	Utah State University Research Foundation	09/24/2012	03/29/2013	5,500
Cava, Robert J Bernasek, Steven L Schwartz, Jeffrey Bernevig, Bogdan A Ong, Nai Phuan Vishwanath, Ashvin Yazdani, Ali	1306078	Grant	The Physics of Surface States with Interactions Mediated by Bulk Properties, Defects and Surface Chemistry	Army Research Office	09/15/2012	09/14/2015	1,936,417
Schwartz, Jeffrey Bernasek, Steven L Bernevig, Bogdan A Ong, Nai Phuan Vishwanath, Ashvin Yazdani, Ali Cava, Robert J	1306079						180,000

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Bernasek, Steven L Cava, Robert J Schwartz, Jeffrey Bernevig, Bogdan A Ong, Nai Phuan Vishwanath, Ashvin Yazdani, Ali	1306081	Grant	<i>Continued from Above</i>	Army Research Office	09/15/2012	09/14/2015	180,000
Bernevig, Bogdan Bernasek, Steven L Cava, Robert J Ong, Nai Phuan Vishwanath, Ashvin Yazdani, Ali Schwartz, Jeffrey	1306082						133,333
Yazdani, Ali Bernasek, Steven L Bernevig, Bogdan A Ong, Nai Phuan Samarth , Nitin Vishwanath, Ashvin Cava, Robert J Schwartz, Jeffrey	1306083						200,000
Cava, Robert J Bernevig, Bogdan A Ong, Nai Phuan Vishwanath, Ashvin Yazdani, Ali Bernasek, Steven L Schwartz, Jeffrey	1306084						229,689
Ong, Nai Phuan Bernasek, Steven L Cava, Robert J Schwartz, Jeffrey Bernevig, Bogdan A Vishwanath, Ashvin Yazdani, Ali	1306085						200,000

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Chemistry (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Cava, Robert J Bernasek, Steven L Schwartz, Jeffrey Bernevig, Bogdan A Ong, Nai Phuan Vishwanath, Ashvin Yazdani, Ali	1306087	Grant	<i>Continued from Above</i>	Army Research Office	09/15/2012	09/14/2015	350,498
Cava, Robert J Bernasek, Steven L Schwartz, Jeffrey Bernevig, Bogdan A Ong, Nai Phuan Vishwanath, Ashvin Yazdani, Ali	1306088						200,000
Rabitz, Herschel A	1306090	Contract	Photonic Input and Output: Molecule Specific Laser Control Fields	SPAWARSYSCEN PACIFIC	09/20/2012	09/19/2014	644,234
Rabitz, Herschel A	1306098						17,175
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
Bernasek, Steven L	1306076	Grant	Structure and Dynamics in Heterogeneous Reactions	National Science Foundation	09/01/2012	08/31/2015	555,000
Chan, Garnet K	1306075	Grant	Predictive Computing for Condensed Matter	DOE - Chicago	09/01/2012	08/31/2017	749,998
Rabitz, Herschel A	1306074	Grant	DURIP: Equipment for Photonic Reagent Control of Chemical Reactions and Discovery of the Governing Rules	US Army Rsrch, Dev & Engineering Command	08/01/2012	07/31/2013	187,814
MacMillan, David W	1306073	Grant	Synergistic Catalysis for Chemical Synthesis	NIH NIGMS	08/01/2012	05/31/2016	1,181,338
Sorensen, Erik J	1306072	Grant	Seeking Efficiency and Innovation in Syntheses of Bioactive Compounds	NIH NIGMS	08/01/2012	07/31/2016	1,369,012
Muir, Tom	1306071	Grant	Structure, Function and Applications of Inteins	NIH NIGMS	08/01/2012	07/31/2017	2,644,795
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	29,065
Knowles, Robert R	1304436	Grant	Remodeling C-H Bonds: Selective Catalysis of Hydrogen Atom Transfer	American Chemical Society	09/01/2012	08/31/2014	100,000
Chan, Garnet K	1304435	Grant	Packard Fellowship for Garnet Chan	The David and Lucile Packard	03/01/2012	04/01/2014	166,735
Groves, John T	1306069	Grant	MERIT: Molecular Probes of the Mechanisms of Cytochrome P450	NIH NIGMS	06/01/2012	03/31/2017	1,879,779
Doyle, Abigail G	1304434	Grant	Sloan Research Fellowship	Alfred P. Sloan Foundation	09/15/2012	09/15/2014	50,000
Muir, Tom Oslund, Rob C	1306068	Grant	Analysis of Proline Isomerization in Epigenetics	NIH NCI	05/01/2012	04/30/2015	143,442

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7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	1306067	Grant	Many Body Methods from Chemistry to Physics: Novel Computational Techniques for Material-Specific Modeling A Computaional Materials and Chemical Sciences Network	Columbia University	01/01/2012	07/31/2014	290,811
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	576,101
Torquato, Salvatore	1304432	Grant	Unifying Concepts in Physics and Geometry Via Ground-State Problems	The Simons Foundation	07/01/2012	03/31/2014	144,000
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
Rabitz, Herschel A	1306093						27,000
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	NIH NIGMS	05/01/2011	11/30/2014	1,155,843
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 Jha, Niraj K Martonosi, Margaret R	1306056	Contract	Parent: Aggressive Optimization and Resource Estimation of Next-Generation Quantum Computing System	University of Southern California	08/01/2011	07/31/2015	980,190
Martonosi, Margaret R	1306057						267,700
Jha, Niraj K	1306058						267,383
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	07/14/2014	430,000
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	11/30/2013	408,330
Muir, Tom	1306050	Grant	ARRA: Cancer Epigenetics: Dereglulation 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 N2	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

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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
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	1304408	Grant	Fertilizer Synthesis from Atmospheric Nitrogen	American Chemical Society	01/01/2011	06/30/2014	145,113
Chirik, Paul J	1304407	Grant	Non-precious Metal Catalyzed Hydrosilylation	Momentive Performance Materials Inc.	01/01/2011	12/31/2013	434,600
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 Dynamical Coordination in a Multi-Domain, Peptide Antibiotic Mega-Synthetase	University of California at San Diego	10/01/2010	09/29/2013	745,914
Yang, Haw	1304404	Grant	International Collaboration in Chemistry: Synthesis and Spectroscopy of Reduced Bis(imino)pyridine Iron Compounds	Human Frontier Science Prog Org (HFSP)	12/01/2010	11/30/2013	390,000
Chirik, Paul J	1306038	Grant	Elucidating Cellular Signaling Functions of Diphosphoinositol Polyphosphates	National Science Foundation	10/01/2010	09/30/2013	450,000
Fiedler, Dorothea	1306037	Grant	Prediction of Molecular Regulatory Networks in Dental and Craniofacial Disease	NIH NIDCR	09/15/2010	08/31/2013	751,268
Bastian, Caleb	1306036	Grant	Cascade Catalysis: A Valuable Strategy for Complex Molecule Synthesis	NIH NIDCR	09/03/2010	08/31/2015	631,640
MacMillan, David W	1306035	Grant	4d and 5d Oxides at the Border between Localized and Itenerant Electronic Behavior	NIH NIGMS	09/15/2010	07/31/2014	1,262,041
Cava, Robert J	1306033	Grant	2008 Camille and Henry Dreyfus Foundation Teacher-Scholar Award - Transfer	National Science Foundation	07/01/2010	06/30/2014	530,000
Yang, Haw	1304401	Grant	Photoelectrochemical Conversion of Carbon Dioxide to Alcohols: Formation Carbon-Based Fuels Via Carbon Bond REU Site: Summer Research in Molecular Biophysics	The Camille and Henry Dreyfus Fdn.,	07/01/2009	06/30/2013	38,103
Bocarsly, Andrew B	1306029	Grant		Air Force Office of Scientific Research	05/15/2010	05/14/2013	522,231
Carey, Jannette	1306027	Grant		National Science Foundation	05/01/2010	04/30/2014	229,531
Carey, Jannette	1306028						131,050
Carey, Jannette	1306094						12,469
MacMillan, David W	1306025	Grant	Photoredox Catalysis for Chemical Synthesis	NIH NIGMS	04/01/2010	01/31/2014	1,161,697
Cava, Robert J	1306022	Grant	Towards New and Better High Temperature Superconductors	Stanford University	08/01/2009	12/31/2013	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
Rabitz, Herschel A	1306018	Grant	Exploring the Scope of Controlling Quantum Phenomena	Army Research Office	09/01/2009	08/31/2012	308,813
Rabitz, Herschel A	1306066						30,599

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Bocarsly, Andrew B	1306017	Grant	Photoelectrochemical Conversion of Carbon Dioxide to Methanol and Higher Order Alcohols	DOE - Washington	09/01/2009	08/31/2013	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 L	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 L	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	02/28/2014	954,088
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	04/30/2014	594,382
Rabitz, Herschel A	1306100						18,743
Sorensen, Erik J	1306897	Grant	Synthesis of Bioactive Natural Products	National Institutes of Health	09/01/2008	07/31/2012	1,213,927
MacMillan, David W	1304384	Grant	Merck MacMillan Catalyst Library Collaboration	Merck & Co., Inc.	08/09/2007	09/30/2012	300,000
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

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7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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
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

Joshua D Rabinowitz

Annabella Selloni

Lewis-Sigler Institute for Integrative Genomics

Joshua D Rabinowitz

Herschel A Rabitz

Mechanical and Aerospace Engineering

Steven L. Bernasek

Molecular Biology

Martin F Semmelhack

Princeton Environmental Institute

Anne M Morel-Kraepiel

Princeton Institute for Computational Science and Engineering (PICSciE)

Roberto Car

PRISM

Steven L Bernasek

Roberto Car

Robert J Cava

Herschel A Rabitz

Jeffrey Schwartz

Annabella Selloni

Martin F Semmelhack

Zoltan G Soos

Salvatore Torquato

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

Civil & Environmental Engineering

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Scherer, George W	1556187	Cooperative Agreement	Mechanisms of Hydration and Setting of Ordinary Portland Cement	Ntl Inst of Standards and Technology	06/01/2013	05/31/2015	214,000
Jaffe, Peter R	1554033	Grant	Impact Assessment of Climate Change on Water Quality in a Regional Scale using a Land Surface Model (I)	Konkuk University (South Korea)	06/27/2013	05/26/2014	88,330
Smith, James A	1556185	Grant	Data-based Hydrologic Validation of GPM Rainfall Products	University of Iowa	02/11/2013	02/10/2016	36,000
Pan, Ming	1556184	Grant	Developing a Statistical-physical Integrated Approach for Downscaling Hydrologic Information from GCM	Michigan State University	04/01/2013	02/28/2016	110,342
Prevost, Jean-Herve	1554032	Grant	Coupled Modeling of Hydration of Cement Binders and Durability of Concrete	Ctr Scientifique et Tech du Bâtiment	09/03/2012	09/09/2017	171,964
Prevost, Jean-Herve	1554031	Grant	Coupled Modeling of Hydration of Cement Binders and Durability of Concrete	LaFarge Corporation	09/03/2012	09/09/2017	257,946
Wood, Eric F	1556180	Grant	Multi-Sensor Enhancement of Real-Time Satellite Precipitation Retrievals for Improved Drought Monitoring	NASA Headquarters - Washington	02/11/2013	02/10/2016	450,642
Sheffield, Justin							
Lin, Ning	1556179	Grant	Collaborative Research: Examining the Climatology of Extreme Storms in the Northeast US and Putting Hurricane Sandy in Context	National Science Foundation	03/01/2013	02/28/2014	34,987
Lin, Ning	1556178	Grant	RAPID: Collaborative Research: Wave and Surge Structural Damage to Shorefront Residential Properties from Hurricane Sandy	National Science Foundation	01/15/2013	12/31/2013	14,994
Jaffe, Peter R	1556176	Grant	Collaborative Research: RAPID: Impact of Disturbance from Hurricane Sandy on Methane Emission and Carbon Sequestration Rates in NJ Coastal Wetlands	National Science Foundation	12/01/2012	11/30/2013	40,000
Lin, Ning	1556175	Grant	Storm Surge Modeling for the U.S. Atlantic Coast	University of Pennsylvania	09/01/2012	07/31/2013	42,899
Peters, Catherine A	1556174	Grant	Power in a Box: Shipping Sustainable Energy to Recovering and Off-the-Grid Communities	U.S. Environmental Protection Agency	08/15/2012	08/14/2014	55,778
Peters, Catherine	1556177						34,222
Celia, Michael A	1556173	Cooperative Agreement	Area 4 Model Complexity and Choice of Model Approaches for Practical Simulations of CO2 Injection, Migration, Leakage, and Long-term Fate	DOE - Pittsburgh NETL	10/01/2012	09/30/2015	600,000
Zondlo, Mark A	1556172	Grant	I-Corps: Open-path, Compact Nitrous Oxide Sensor Using Quantum Cascade Laser Spectroscopy	National Science Foundation	10/01/2012	03/31/2013	50,000
Zondlo, Mark A	1556171	Grant	Validation of TES Ammonia Using an Open-path Quantum Cascade Laser Based Spectrometer	NASA Headquarters - Washington	09/01/2012	08/31/2014	60,000
Wood, Eric F	1556170	Grant	Predicting Vegetation Phenology of African Savanna Ecosystems in a Changing Climate	NASA Headquarters - Washington	09/01/2012	08/31/2014	60,000
Guan, Kaiyu							
Wood, Eric F	1556169	Grant	A US National Multi-Model Ensemble ISI Prediction System	U.S. DOC - Natl Oceanic & Atmos Admin	08/01/2012	07/31/2014	239,700
Jaffe, Peter R	1556168	Contract	Microbiological, Geochemical & Hydrologic Processes Controlling Uranium Mobility: An Integrated Field-Scale Subsurface Research Challenge Site at Rifle, CO	Lawrence Berkeley National Laboratory	07/03/2012	09/30/2013	165,000

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Scherer, George W	1556167	Cooperative Agreement	Mechanisms of Hydration and Setting of Ordinary Portland Cement in Simple and Complex Systems	Federal Highway Admin (DOT/FHWA)	07/05/2012	07/04/2015	800,000
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						48,650
Glisic, Branko	1556182						54,830
Glisic, Branko	1556183						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	05/31/2014	12,500
Scherer, George W	1556164	Grant	Corrosion resistant surface treatment for marble	DOI Ntl Ctr for Preserv 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
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	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 Admin	09/01/2011	08/31/2014	254,246
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 Admin	09/01/2011	08/31/2014	308,016
Sheffield, Justin							

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ACTIVE SPONSORED PROJECTS

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<u>Investigator</u>	<u>Account</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 Admin	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	303,378
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
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	07/31/2013	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	09/30/2013	225,463
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	08/31/2014	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 Admin	08/01/2010	07/31/2014	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 Admin	08/01/2010	07/31/2014	296,291
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

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ACTIVE SPONSORED PROJECTS

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Celia, Michael A	1556128	Contract	Analytical-Numerical Sharp-Interface Model of CO2 Sequestration & Application to Illinois Basin	NM 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	Consort Univ for Rsrch in Earthquake	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	07/31/2014	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
Peters, Catherine A Celia, Michael A	1556112	Grant	Effects of Pore Structure Change and Multi-Scale Heterogeneity on Contaminant Transport and Reaction Rate	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	05/10/2014	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	819,478
Caylor, Kelly K	1556109						717,322
Caylor, Kelly K	1556160						6,938

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Wood, Eric F	1556095	Cooperative Agreement	Developing Consistent Earth System Data Records for the Global Terrestrial Water Cycle	NASA Headquarters - Washington	06/15/2008	06/14/2014	3,555,000
Smith, James A	1554024	Contract	Hydrological and Hydrometeorological Studies of Catastrophic Flood Risk	Willis Research Network	04/15/2008	04/14/2014	615,000
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 Ntl Labs	04/30/2007	09/30/2012	760,600
Jaffe, Peter R	1554012	Contract	Foster Interactions Between Princeton University and Slovay 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 Engineering

Jean-Hervé Prévost

Princeton Environmental Institute (PEI)

Elie R Bou-Zeid

Michael A Celia

Jean-Hervé Prévost

George W Scherer

James A Smith

Erik H VanMarcke

Princeton Institute for Computational Science and Engineering (PICSciE)

Eric F Wood

PRISM

George W Scherer

James A Smith

Mark A. Zondlo

Woodrow Wilson School

Denise L Mauzerall

Kelly K. Caylor

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

Comparative Literature

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	The Andrew W. Mellon Foundation	07/01/2008	09/01/2014	1,510,963

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

Computer Science

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Martonosi, Margaret R	1756439	Grant	COLUMBIA ESP: Embedded Scalable Platforms for Terascale Energy-Efficient Computing	Columbia University	01/04/2013	07/03/2018	835,009
Singh, Mona	1756438	Grant	Student Support for RECOMB 2013	National Science Foundation	03/15/2013	02/28/2014	7,000
Braverman, Mark	1754155	Grant	Alan Turning Centenary Research Fellowships and Scholar Competition	University of Leeds	07/01/2012	06/30/2015	111,431
Braverman, Mark Weinstein, Omri	1754154	Grant	Simons Foundation Fellowship in Computer Sciences for Omri Weinstein	The Simons Foundation	06/01/2013	05/31/2015	46,000
August, David I	1756437	Contract	PRACTICE: Power Reducing Adaptive Computing Technologies Intelligent Cross layer and Efficient	BAE Systems, Inc.	01/07/2013	04/30/2014	273,000
Rexford, Jennifer L	1756436	Grant	EARS: SAVANT - High Performance Dynamic Spectrum Access via Inter Network Collaboration	Rutgers University	01/01/2013	12/31/2015	150,000
Rexford, Jennifer L Walker, David P	1756435	Grant	Networks Opposing Botnets (NoBot) Continuation	University of Pennsylvania	07/01/2012	06/30/2015	214,410
Rexford, Jennifer L Reich, Joshua	1756434	Grant	CRA Fellowship Reich	Computing Research Association	10/01/2012	09/30/2013	100,000
Blei, David M Mimno, David	1756433	Grant	CRA Fellowship David Mimno	Computing Research Association	10/01/2012	09/30/2013	100,000
Blei, David M	1756432	Grant	BIGDATA: Mid-Scale: ESCE: Collaborative Research: Discovery and Social Analytics for Large-Scale Scientific Literature	National Science Foundation	01/01/2013	12/31/2015	699,639
Braverman, Mark	1756430	Grant	ICES: Small: Collaborative Research: Data-driven mechanisms in healthcare	National Science Foundation	09/01/2012	08/31/2015	183,298
Arora, Sanjeev	1754153	Grant	Simons Fellow C. Beck - Lower Bounds for Time and Space -	The Simons Foundation	09/01/2012	08/31/2014	174,925
Pai, Vivek S	1756431	Grant	CSR: Small: Rethinking the OS/Network Boundary	National Science Foundation	09/01/2012	08/31/2015	494,353
Tarjan, Robert E	1754152	Contract	Routing Table Design for High-end Core Routers	Hewlett-Packard Company	05/14/2012	08/31/2013	44,735
Freedman, Michael J	1756429	Grant	TC: Large: Collaborative Research: Facilitating Free and Open Access to Information on the Internet	National Science Foundation	09/01/2012	08/31/2016	750,000
Appel, Andrew W	1756428	Cooperative Agreement	CARS: A Platform for Scaling Formal Verification to Component-Based Vehicular Software Stacks	Air Force Research Laboratory (Rome)	08/03/2012	05/03/2017	5,113,351
Charikar, Moses S	1756427	Grant	AF: Small: Approximation Techniques for Combinatorial Optimization	National Science Foundation	08/01/2012	07/31/2015	399,999
Dvir, Zeev	1756426	Grant	AF: Small: Randomness in Computation - New Directions and Techniques	National Science Foundation	08/01/2012	07/31/2015	446,974
Arora, Sanjeev	1754150	Grant	Simons Investigator Award for Sanjeev Arora	The Simons Foundation	08/01/2012	07/31/2017	648,000
Arora, Sanjeev	1754151						12,000
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	43,703

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

Computer Science (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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 IL 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
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 Agnc	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	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
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	11/23/2013	318,049

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Computer Science (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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 Freedman, Michael J Pai, Vivek S Rexford, Jennifer L	1756402	Grant	MRI: Development of a Virtual Cloud Computing	National Science Foundation	10/01/2010	09/30/2014	2,940,000
Rexford, Jennifer L	1756401	Grant	FIA: Collaborative Research: Architecting for Innovation	National Science Foundation	10/01/2010	09/30/2014	199,999
Rusinkiewicz, Szymon M	1756399	Grant	CDI-Type I: Automated Documentation and Illustration of Material Culture through the Collaborative Algorithmic Rendering Engine	National Science Foundation	09/15/2010	08/31/2013	555,000
August, David I Walker, David P	1756398	Grant	SI2-SSI: Accelerating the Pace of Research through Implicitly Parallel Programming	National Science Foundation	10/01/2010	09/30/2014	1,593,734
August, David I Walker, David P	1756406						146,480
Freedman, Michael J	1756396	Grant	FIA: Collaborative Research: NEBULA: A Future Internet That supports Trustworthy Cloud Computing	National Science Foundation	09/01/2010	08/31/2014	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	08/31/2014	347,968
Walker, David P	1756394	Grant	SHF:Small:Language Support for Ad Hoc Data Processing	National Science Foundation	08/15/2010	07/31/2014	500,000
Blei, David M Norman, Kenneth A	1756393	Grant	Text, Neuroimaging, and Memory: Unified Models of Corpora and Cognition	National Science Foundation	08/01/2010	07/31/2014	732,296
Schapire, Robert E	1756391	Grant	RI: Small: Boosting, Optimality, and Game Theory	National Science Foundation	09/01/2010	08/31/2014	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	768,053
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	06/30/2014	1,500,000
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

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Computer Science (4)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	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	1756377	Grant	Interactive Discovery and Semantic Labeling of Patterns in Spatial Data	National Science Foundation	09/01/2009	08/31/2012	499,934
Blei, David M Fellbaum, Christiane D Finkelstein, Adam							
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	1756373	Grant	ARRA: NeTS Medium: A SCAFFOLD for Service-Centric Networking	National Science Foundation	08/01/2009	07/31/2013	750,000
Rexford, Jennifer L							
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
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	954,542
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	1756356	Grant	Collaborative Research: Understanding, Coping with, and Benefiting from, Intractability	National Science Foundation	08/15/2008	07/31/2014	6,398,587
Charikar, Moses S Chazelle, Bernard Tarjan, Robert E							
Arora, Sanjeev	1756357						520,000
Charikar, Moses S Chazelle, Bernard Tarjan, Robert E							

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Computer Science (5)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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 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
Blei, David M	1756344	Grant	CAREER: New Directions in Probabilistic Topic Models	National Science Foundation	07/01/2008	06/30/2014	549,943
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
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
August, David I	1754125	Grant	User-Centric Information Flow Security	Intel Corporation	09/01/2005	08/31/2012	120,000
Clark, Douglas W Martonosi, Margaret R	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	1754127						42,500
Peterson, Larry L	1754115	Cooperative Agreement	Planet Lab Memebership Agreement - Income Account	PlanetLab	09/01/2003	08/31/2015	2,355,000

Contributions Made to Other Units :

Applied & Computational Mathematics

Jennifer L Rexford

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

David I August

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

Contributions Made to Other Units (cont.) :

Survey Research Center

Edward P Freeland

Woodrow Wilson School

Edward P Freeland

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

Dean of Religious Life

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	06/30/2013	8,075

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ACTIVE SPONSORED PROJECTS
7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Girgus, Joan S	6054000	Grant	Best Practices for Faculty Retirement Transitions	Alfred P. Sloan Foundation	09/01/2012	09/01/2013	100,000

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East Asian Studies / EAS Program

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	1,501,538
Naquin, Susan	1374059	Grant	Chines Rare Books Project	Field Museum of Natural History	09/01/2009	12/31/2012	5,000
Teiser, Stephen F	4174009	Grant	National Consortium for Teaching About Asia Seminar	Freeman Foundation	09/01/2008	06/30/2014	198,045

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Ecology and Evolutionary Biology

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Andolfatto, Peter	1286208	Grant	Collaborative Research: Physiological Genomics of Color Vision in Butterflies	National Science Foundation	05/15/2013	04/30/2016	88,240
Dobson, Andrew P	1286206	Grant	Nipah Virus Transmission And Epidemiology In Bangladesh	EcoHealth Alliance	07/01/2012	06/30/2013	28,454
Grenfell, Bryan T	1284078	Contract	Mathematical Modeling and Epidemiological Analyses for the National Centers for Immunization and Respiratory Diseases	IHRC Inc.	10/01/2012	06/30/2013	19,950
Rubenstein, Daniel I	1286205	Grant	CREATIV: Mingle: Sensing the Social Interactions of Animals	University of Illinois at Chicago	09/01/2012	08/31/2013	85,691
Basta, Nicole E	1286204	Cooperative Agreement	Acquisition and Loss of Neisseria Meningitidis Carriage in Households in Mali	Fred Hutchinson Cancer Research	04/01/2012	08/28/2013	62,561
Dobson, Andrew P	1286203	Cooperative Agreement	Ecological Drivers of Virulence Evolution in an Emerging Avian Pathogen.	Virginia Polytechnic Inst & State Univ	09/15/2012	08/31/2016	298,886
Levin, Simon A Couzin, Iain D	1286202	Grant	CNH: Social-Ecological Complexity and Adaptation in Marine Systems	National Science Foundation	09/01/2012	08/31/2015	1,498,903
Levin, Simon A	1284077	Grant	Evolutionary Construction and Complexity	The John Templeton Foundation	10/01/2012	09/30/2014	179,970
Couzin, Iain D Kao, Albert B	1286200	Grant	DISSERTATION RESEARCH: Learning and Collective Intelligence in Animal Groups	National Science Foundation	07/01/2012	06/30/2013	14,075
Couzin, Iain D	1286199	Grant	EAGER: Collaborative Research: The Perceptual Basis of Collective Behavior in a Model Vertebrate	National Science Foundation	01/01/2013	12/31/2014	90,000
Graham, Andrea L Andolfatto, Peter Tate, Ann T	1286201	Grant	Elucidating the Mechanistic Basis and Population Level Consequences of Immune Priming in Tribolium Beetles	U.S. Dept of Agriculture	08/15/2012	08/14/2014	75,000
Landweber, Laura F Bracht, John R	1286197	Grant	Epigenetic regulation of programmed genome instability in O. trifallax	NIH NIGMS	08/01/2012	07/31/2014	106,132
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
Couzin, Iain D	1284076	Grant	Information Processing and Computation in Fish Groups	Human Frontier Science Prog Org (HFSP)	10/01/2012	09/30/2015	350,000
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	NIH Office of the Director	03/17/2012	08/31/2016	1,813,230
Waters, James S	1284074	Grant	Allometric Scaling of Metabolism, Growth, and Activity in Whole Colonies of the Seed-Harvester Ant Pogonomyrmex	James S. McDonnell Foundation	12/01/2012	12/01/2014	200,000
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

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Ecology and Evolutionary Biology (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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, Daniel	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	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
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	2,912,660
Couzin, Iain D	1286180	Grant	Experimental and Theoretical Analysis of Collective Dynamics in Swarming Systems.	National Science Foundation	09/01/2009	08/31/2013	596,322
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 F	1286198						6,250
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
Landweber, Laura F	1286173	Grant	Understanding Complex Gene Editing Systems in Protists	NIH NIGMS	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
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

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

Ecology and Evolutionary Biology (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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
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
Rubenstein, Daniel I	1284009	Grant	Petrie Fellowship	Frederick D. Petrie	07/01/1989	06/30/2015	718,387

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

Bryan T Grenfell

Lars O Hedin

Simon A Levin

Stephen W Pacala

Princeton Institute for Computational Science and Engineering (PICSciE)

Iain D Couzin

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

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Norets, Andriy	1406180	Grant	Unification of Bayesian and Frequentist Inference in Econometrics	National Science Foundation	03/15/2013	02/29/2016	201,291
Kaplan, Greg W	1406179	Grant	Collaborative Research: Understanding the Consumption Response to Fiscal Stimulus Payments: A Structural Analysis	National Science Foundation	07/01/2012	07/31/2014	199,040
Mueller, Ulrich K	1406178	Grant	Inference in Non-Standard Econometric Problems	National Science Foundation	09/01/2012	08/31/2015	199,116
Morris, Stephen E	1406177	Grant	ICES:Small:Collaborative Research:Interaction, Information and Identification	National Science Foundation	09/01/2012	08/31/2015	200,000
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	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	1406175						192,258
Honore, Bo E	1406173	Grant	Specification and Estimation of Econometric Duration Models	National Science Foundation	07/01/2010	09/30/2014	198,393
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	231,096
Ait-Sahalia, Yacine	1406168	Grant	Specification Analysis of Continuous-Time Models	National Science Foundation	07/01/2009	06/30/2013	232,207
Gul, Faruk R	1406166	Grant	A Theory of Measurable Ambiguity	National Science Foundation	08/01/2008	07/31/2012	264,459
Battaglini, Marco	1406157	Grant	Career: A Legislative Theory of Public Spending, Debt, and Taxation	National Science Foundation	07/01/2006	06/30/2014	400,362

Contributions Made to Other Units :**Electrical Engineering****Christopher A Sims****Woodrow Wilson School (WWS)****Sylvain Chassang****Janet M Currie****WWS - Office of Population Research****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

7/1/2012 - 6/30/2013

Contributions Made to Other Units (cont.):**Woodrow Wilson School (WWS) (cont.)****Angus S Deaton****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

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Malik, Sharad Martonosi, Margaret R Verma, Naveen	1706651	Grant	Revised CFAR: The Center for Future Architectures Research (C-FAR)	University of Michigan	01/15/2013	10/31/2013	3,108,330
Verma, Naveen	1706652						154,166
Kulkarni, Sanjeev R	1704328	Grant	SIGMA: Students Innovating for Greater Medical Access	Robert Wood Johnson Foundation	02/15/2013	02/14/2016	671,895
Malik, Sharad	1706645	Contract	DADC: Agile and Distributed Configuration of Cyber Infrastructure	TT Government Solutions, Inc.	03/14/2013	12/14/2014	133,700
Chiang, Mung	1706646						70,000
Tsui, Daniel C	1706644	Contract	Novel Quantum Hall physics in Low Dimensional Electron Systems	Sandia National Laboratories	01/22/2013	09/30/2014	150,000
Wentzlaff, David	1706643	Grant	Carbon: Organic Computing for Embedded Applications	Massachusetts Institute of Technology	11/20/2012	05/19/2014	275,000
Malik, Sharad Verma, Naveen	1704326	Grant	Systems On Nanoscale Information fabriCs (SONIC) Center	University of IL at Urbana-Champaign	01/15/2013	10/31/2013	2,023,333
Verma, Naveen	1704327						200,000
Verma, Naveen	1706641	Grant	CAREER: Hardware and Algorithmic Architectures for Analyzing Physically-complex Systems: Embedding Inference Capabilities in Ultra-low-power sensors	National Science Foundation	03/01/2013	02/28/2018	440,734
Verma, Naveen	1706642						5,000
Lyon, Stephen A Houck, Andrew A	1704325	Contract	Princeton Quantum Engineering Group	The MITRE Corporation	10/01/2012	09/30/2013	15,000
Fleischer, Jason W	1704324	Grant	Using Adaptive Optics to Improve Imaging of the Inner Ear	Ntl Academies Keck Futures Initiative	05/03/2011	06/30/2013	75,000
Lee, Ruby B	1706640	Cooperative Agreement	Using Moving Target Defense for Secure Hardware Design	Air Force Research Laboratory (Rome)	09/28/2012	09/27/2014	1,401,490
Lee, Ruby B	1706647						110,250
Jha, Niraj K	1706639	Grant	TWC: Small: Collaborative: Enhancing the Safety and Trustworthiness of Medical Devices	National Science Foundation	09/01/2012	08/31/2015	325,000
Prucnal, Paul R	1706638	Grant	Collaborative Research: Big Bandwidth: Finding Anomalous Needles in the Spectrum Haystack	National Science Foundation	01/01/2013	12/31/2015	200,000
Jha, Niraj K	1706637	Grant	SHF:Small: Fine-grain Dynamically Reconfigurable FPGA Architecture Aimed at Reducing the ASIC-FPGA Gaps	National Science Foundation	09/01/2012	08/31/2015	350,000
Prucnal, Paul R	1706636	Grant	NeTS: Small: Collaborative Research: OSTARA: An Optically-based Simultaneous Transmit And Receive Architecture for Enhancing Wireless Communications	National Science Foundation	09/01/2012	08/31/2015	250,000
Tureci, Hakan E	1706635	Grant	CAREER: Collective Effects in Cavity Quantum Electrodynamics - From Fundamental Science to Devices	National Science Foundation	09/01/2012	08/31/2017	460,000
Lee, Ruby B	1706634	Grant	CSR:Small: Cloud Security on Demand	National Science Foundation	09/01/2012	08/31/2015	500,000
Kung, Sun-Yuan	1706633	Contract	Capturing Cognitive Processing Time for Active Authentication	Iowa State University	05/24/2012	09/30/2013	118,659

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

Electrical Engineering (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Chiang, Mung	1706632	Grant	Edging up: Wireless System Integration at Princeton EDGE	Air Force Office of Scientific Research	07/30/2012	07/29/2013	334,708
Verma, Naveen	1704323	Contract	Accelerator Architectures and Algorithms for Embedded Machine Learning in Medical Sensor Applications	Semiconductor Research Corporation	08/01/2012	07/31/2015	255,000
Wentzlaff, David	1706631	Grant	SHF:Small: Redesigning Manycore Computer Architecture for the Mega-core Data Center	National Science Foundation	07/01/2012	06/30/2015	300,000
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
Jha, Niraj K	1706628	Grant	SHF:Small: Efficient and Accurate Methodologies for Unifying the Layout, Device Simulation, and Process Simulation Worlds	National Science Foundation	07/01/2012	06/30/2015	450,000
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
Poor, H. Vincent	1704321	Grant	Marie Curie Fellowship - Zhiguo Ding FLOW-Fundamental Limits of Network Coding in Wireless Networks	Marie Curie Intl Outgoing Fellowships	09/01/2012	08/31/2013	22,825
Cuff, Paul W	1706626	Grant	Provable Security of Communication for Protecting Information Flow in Distributed Systems	Air Force Office of Scientific Research	07/01/2012	06/30/2015	450,000
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 GRAND-CRU Game Theoretic Resource Allocation for Wireless Networks Based on Distributed and Cooperative Relaying Units	Marie Curie Intl Outgoing Fellowships	04/01/2012	03/31/2014	9,277
Verma, Naveen	1706621	Grant	Reliable, High-Bandwidth Cortical Control of Unconstrained, Many-Degree-of-Freedom Movement	New York University	09/01/2011	08/31/2014	14,527
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 Technology	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

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Electrical Engineering (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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
Chiang, Mung Rexford, Jennifer L	1704314	Contract	Flexible Load Balancing and Flow Control in a Multi-Tenant Shared Data Center	Hewlett-Packard Company	08/01/2011	07/31/2014	114,000
Rexford, Jennifer L Chiang, Mung	1704315						114,000
Malik, Sharad	1706612	Contract	CASIO (Circuit Analysis with Super-resolved Infrared Optics)	SRI International	07/01/2011	03/31/2014	660,000
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	06/30/2014	300,000
Poor, H. Vincent Chorti, Arsenia	1704312	Grant	Marie Curie Outgoing Fellowship-Ersi Chorti	Fdn for Research and Tech-Hellas (FORTH)	05/01/2011	11/30/2013	16,469
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
Malik, Sharad	1706609	Contract	Configuration Space Randomization	TT Government Solutions, Inc.	02/25/2011	11/01/2012	81,212
Chiang, Mung Poor, H. Vincent Shapiro, Jacob N	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 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 Bialek, William Kulkarni, Sanjeev R Sims, Christopher A	1706600	Cooperative Agreement	Emerging Frontiers of Science of Information	Purdue University	08/01/2010	10/31/2015	1,723,150
Kulkarni, Sanjeev Verdu, Sergio	1706601						508,950

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

Electrical Engineering (4)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Bialek, William Verdu, Sergio	1706602		<i>Continued from Above</i>				508,950
Sims, Christopher Verdu, Sergio	1706603						508,950
Poor, H. Vincent	1706597	Grant	CIF: Small: Privacy and Utility of Databases:An Information-Theoretic Approach	National Science Foundation	09/01/2010	08/31/2014	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	07/31/2014	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, Chiang, Mung	1706594						66,884
Wysocki, Gerard	1706591	Grant	Laser spectroscopic instrumentation for isotopic sensing of biogenic Nitric Oxide	NIH NIGMS	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	06/30/2015	669,842
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	09/30/2013	399,450
Fleischer, Jason W	1706618						122,550
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)	University of Arizona	08/01/2009	07/31/2014	670,876
Malik, Sharad Li, Kai Martonosi, Margaret R Peh, Li-Shiuan Verma, Naveen	1704278	Contract	Center for Interface Science: Hybrid Solar Electric Materials Combined Center Budget: The GigaScale Systems Research Center (GSRC)	Microelectronics Advanced Research	11/01/2009	01/31/2013	2,396,520

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

Electrical Engineering (5)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Malik, Sharad	1704279		<i>Continued from Above</i>				411,265
Malik, Sharad	1704280						923,457
Martonosi, Margaret R	1704281						576,680
Verma, Naveen	1704282						304,122
Li, Kai	1704283						354,479
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						389,985
Malik, Sharad	1704290						1,390,202
Malik, Sharad	1704291						2,071,734
Malik, Sharad	1704292						465,250
Malik, Sharad	1704293						295,250
Malik, Sharad	1704294						520,250
Malik, Sharad	1704295						2,540,252
Malik, Sharad	1704296						315,249
Malik, Sharad	1704297						2,209,230
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 Experimentation	National Science Foundation	10/01/2009	09/30/2014	275,000
Poor, H. Vincent	1706573						275,000
Salganik, Matthew J	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

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

Electrical Engineering (6)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Bhatt, Ravindra N Haldane, Frederick D	1706569	Grant	Design Principles for Quantum Hall States	DOE - Germantown	09/01/2009	08/31/2015	2,378,409
Haldane, Frederick	1706571						471,591
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
Martonosi, Margaret R	1706564	Grant	CSR:Small:Collaborative Research:System Support for Managing Carbon Footprints and Electricity Costs in Internet	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
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	592,000
Chiang, Mung	1706622						408,000
Chou, Stephen Y	1706549	Grant	Nanogap Detector (Arrays) Inside Nanofluidic Channel for Fast Real-Time DNA Sequencing	NIH NHGRI	08/19/2008	05/31/2013	919,137
Chou, Stephen Y	1706546	Grant	Cutting, Selecting, and Transfer-Printing Technology for Graphene-on-Demand over Entire Wafers and FET	National Science Foundation	08/01/2008	07/31/2012	280,000
Chou, Stephen Y	1706526	Grant	Tunable, UV-Wavelength, Nanophotonic Structures, Lasers and Detectors	National Science Foundation	09/01/2007	08/31/2012	300,000
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
Peh, Li-Shiuan Jha, Niraj K	1704252	Contract	Title: Energy-efficient Network Architectures for On-die Interconnects	Intel Corporation	09/01/2006	08/31/2012	82,500
Jha, Niraj K Peh, Li-Shiuan	1704254						82,500
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

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

Contributions Made to Other Units (cont.) :

Chemistry

Niraji K Jha

PRISM

Ravindra N Bhatt

Stephen Y Chou

Claire F Gmachl

Andrew Houck

Antoine Kahn

Stephen A Lyon

Paul R Prucnal

Mansour Shayegan

James C Sturm

Daniel C Tsui

Hakan E Tureci

Naveen Verma

Sigurd Wagner

Gerard Wysocki

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Martin, Meredith A	1904010	Grant	Princeton Prosody Archive	The Andrew W. Mellon Foundation	09/24/2012	09/30/2013	50,011
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	01/31/2014	29,010

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Marchesi, Simone	1924001	Grant	ACLS New Faculty Fellowship for Jeanette Patterson	American Council of Learned Societies	07/01/2012	06/30/2014	74,334

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

Geosciences

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Duffy, Thomas S	1956606	Grant	Dynamic Compression of Earth and Planetary Materials Using Omega	DOE - National Nuclear Security Admin	03/01/2013	02/28/2015	45,229
Tromp, Jeroen	1956604	Grant	Simulations of Seismic Wave Propagation on Mars	Cal Tech - Jet Propulsion Lab (JPL)	05/09/2013	09/29/2013	10,475
Maloof, Adam C	1956603	Grant	Collaborative Research: Estimating the Tempo of the Cambrian Explosion	National Science Foundation	05/01/2013	04/30/2014	30,000
Werner, Maximilian J	1956602	Cooperative Agreement	Short Term Earthquake Predictability: Improving Stochastic Models and CSEP Experiments	Southern California Earthquake Center	02/01/2013	01/31/2014	30,000
Tromp, Jeroen	1954102	Grant	Elastic and Coupled Acoustic-Elastic Imaging and Inversion based on Spectral-Element and Adjoint Methods	Total E&P Recherche Developpement	01/28/2013	01/27/2014	119,295
Simons, Frederik J	1956601	Grant	Phased Testing at Sea of the Son-O-Mermaid Prototype	National Science Foundation	02/01/2013	01/31/2015	45,001
Simons, Frederik J	1956600	Grant	Mapping the Evolution of Antarctica's Mass Balance in Space and Time	National Science Foundation	02/01/2013	01/31/2015	284,392
Bender, Michael L Jonsson, Bror F	1956599	Grant	Net Community Production and Carbon Export in the Southern Ocean: Measurements and Scaling	NASA Headquarters - Washington	11/16/2012	11/15/2015	534,113
Sigman, Daniel M	1956598	Grant	Nitrogen Isotopic (15N) Composition of Carbonate-bound Organic Nitrogen in Deep Sea Corals: A New, High Resolution Proxy for N Cycle Studies	Pomona College	09/01/2012	08/31/2014	107,206
Tromp, Jeroen	1956596	Grant	Community Computational Platforms for Developing Three-Dimensional Models of Earth Structure	University of Southern California	09/01/2012	08/31/2014	85,000
Simons, Frederik J	1956595	Grant	CAREER: From Robust, Reproducible Geophysical Inference to Geological Interpretation: New Perspectives on the Continental Lithosphere	National Science Foundation	09/15/2012	08/31/2017	499,969
Duffy, Thomas S	1956594	Grant	Upgrade of Raman Micro-spectroscopy System	National Science Foundation	08/15/2012	07/31/2013	230,158
Higgins, John A	1954101	Grant	Fellowship Proposal (Clara Blattler): Interpreting Ancient Environments Through Major Cation-isotopes Signals	Agouron Institute	07/01/2012	06/30/2014	112,000
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	09/15/2013	112,977
Rubin, Allan M Werner, Maximilian J	1956592	Grant	Mechanical Erosion of Frictionally Locked Fault Patches Due to Creep: Observational Evidence and Modeling	National Science Foundation	10/01/2012	09/30/2014	200,593
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 Werner, Maximilian J	1956591	Cooperative Agreement	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
Duffy, Thomas S	1956589	Grant	Single-Crystal X- Ray Diffraction of Minerals to Mbar Pressures	National Science Foundation	07/01/2012	06/30/2015	396,938
Tromp, Jeroen	1956588	Grant	Collaborative Research: Immersive Audio-Visualization of Seismic Wave Fields in the Earth (Earthscope Education and Outreach)	National Science Foundation	07/01/2012	06/30/2014	39,676
Schoene, Blair	1956587	Grant	Testing Models for Magma Transfer and Emplacement in 4-Dimensions: The Bergell Intrusion, N. Italy	National Science Foundation	07/15/2012	06/30/2015	297,287

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

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	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
Ward, Bess B	1954100	Contract	Plymouth Marine Lab Research Summer 2012	Plymouth Marine Laboratory	07/09/2012	08/31/2012	13,000
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	97,975
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	81,251
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 Glenn Sterenborg	Canadian Institute for Advanced Research	10/01/2011	09/30/2013	93,695
Ward, Bess B Sigman, Daniel M	1956579	Grant	Dimensions: Collaborative Research: Functional Diversity of Marine Eukaryotic Phytoplankton and Their Contributions to C and N Cycling	National Science Foundation	01/01/2012	12/31/2014	1,399,879
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 Schoene, Blair	1956576	Grant	Testing Models for the Origin of the Deepest Carbon-Isotope Anomaly in Earth History? The Wonoka Formation of South Australia	National Science Foundation	10/01/2011	09/30/2013	179,256
Simons, Frederik J	1956575	Grant	Structure and Evolution of the Venusian lithosphere: Statistically robust, localized analysis of Magellan gravity and	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 Admin	09/01/2011	08/31/2014	499,473
Duffy, Thomas S	1956572	Contract	Development of a New Materials Platform to Study Iron and Diamond at Ultrahigh Pressures Using NIF	Lawrence Livermore National Laboratory	06/30/2011	09/30/2012	70,000

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Morel, Francois	1956571	Grant	Collaborative Research: The Seasonal Dynamic of CO ₂ , Primary Production, and DMS in the Western Antarctic Peninsula: Measurements of Pools and Processes	National Science Foundation	07/01/2011	06/30/2014	434,769
Tromp, Jeroen	1956570	Grant	ABR-Toward Seismic Tomography Based Upon Adjoint	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	05/31/2014	188,524
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 Admin	02/02/2011	02/01/2013	166,850
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	03/14/2014	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 N ₂ O Fluxes and DIN Loss in Salt Marsh Sediments	National Science Foundation	09/15/2010	08/31/2014	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 South Pacific	National Science Foundation	09/15/2010	08/31/2014	682,478
Morel, Francois Bender, Michael L	1956555	Grant	Collaborative Research: Ocean Acidification - Category 1: Effects of pCO ₂ and pH on Photosynthesis, respiration, and growth in marine phytoplankton	National Science Foundation	09/01/2010	08/31/2014	1,102,893
Bender, Michael L	1956605						287,600
Duffy, Thomas S	1956553	Grant	X-ray DAC Facilities at the NSLS	University of IL 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
Onstott, Tullis C Myneni, Satish 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	07/14/2014	1,935,255

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

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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 Univ 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
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 Ward, Bess B	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
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 Bender, Michael L	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 Admin	08/01/2009	07/31/2013	441,970
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
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	06/30/2014	446,763
Maloof, Adam C	1956530	Grant	Fluctuating Tidewater Glaciers, Chemical Weathering and Survival of Reef-Dwelling Organisms: The Marinoan Snowball, South Australia	National Science Foundation	04/01/2009	03/31/2013	94,009
Maloof, Adam C	1956533						108,990
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	1956524	Grant	A CRDS for Isotopic Measurement of Martian CH ₄	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
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

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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
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
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

Contributions Made to Other Units :

Applied and Computational Mathematics

Jeroen Tromp

Atmospheric & Oceanic Sciences

Stephan A Fueglistaler

Isaac M Held

Sonya A Legg

David M Medvigy

Jorge L Sarmiento

Geoffrey K Vallis

Princeton Environmental Institute (PEI)

Michael L Bender

Stephan A Fueglistaler

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

Woodrow Wilson School

Michael Oppenheimer

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

Graduate School

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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	Council of Graduate Schools	04/01/2012	09/30/2013	30,000
Jackson-Weaver, Karen Y							
Russel, William B	9706320	Grant	Educational Service Agreement with Airforce Research Institute for Airforce Fellows	Air Force Research Institute	01/23/2013	02/28/2023	421,500
Crittenden, Cole M	9706318	Grant	Fulbright-Hays Doctoral Dissertation Research Abroad	U.S. Department of Education	10/01/2012	03/31/2014	41,880
Crittenden, Cole M	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	8,337,838
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	08/31/2018	147,000

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

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Shawcross, Teresa	2054064	Grant	New Directions Fellowship Program	The Andrew W. Mellon Foundation	07/01/2012	09/01/2015	203,191
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
Burnett, D. G	2054059	Grant	New Directions Fellowship Program	The Andrew W. Mellon Foundation	07/01/2009	08/31/2012	283,221
Darnton, Robert C	2054049	Grant	Book Country: Publishing and the Book Trade in Francophone Europe, 1769-1789	The Florence Gould Foundation	01/01/2006	06/30/2015	50,000
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****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.

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Gregor, Thomas Cox, Edward C Sgro, Allyson E	3466154	Grant	Characterization of Single-cell Dynamics that Lead to Collective Behaviors	NIH NIGMS	06/01/2013	05/31/2015	101,404
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	3466153	Grant	Radiation Response within the Tumor Microenvironment	University of Chicago	08/01/2012	07/31/2014	80,500
Tank, David W	3466152	Grant	Cellular Resolution Imaging Of Cortical Dynamics During Executive Function	NIH NINDS	02/01/2013	01/31/2015	425,744
Shvartsman, Stanislav Y	3466151	Grant	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular Systems (EBICS)	Massachusetts Institute of Technology	09/01/2012	02/28/2014	225,000
Troyanskaya, Olga G	3466150	Grant	Personalization of Therapeutic Efficacy and Risk UPenn Glue - Cores F/G, Systems Modeling and Computation (SMAC I/II).	University of Pennsylvania	08/01/2012	04/30/2017	616,228
Bialek, William	3464052	Grant	The Swartz Initiative for Theoretical Neurobiology at Princeton University	The Swartz Foundation	10/01/2012	11/30/2013	15,000
Bialek, William	3464051	Grant	The Swartz Initiative for Theoretical Neurobiology at Princeton University	The Swartz Foundation	10/01/2012	11/30/2013	55,000
Bialek, William	3464050	Grant	The Swartz Initiative for Theoretical Neurobiology at Princeton University	The Swartz Foundation	10/01/2012	11/30/2013	55,000
Llinas, Manuel	3464049	Grant	IDENTIFYING TARGETS OF NOVEL ANTIMALARIALS BY HIGH-THROUGHPUT METABOLOMICS	Bill & Melinda Gates Foundation	11/01/2012	04/30/2014	100,000
Botstein, David	3466148	Grant	Personalization of Therapeutic Efficacy and Risk UPenn Glue - Cores F/G, Systems Modeling and Computation (SMAC I/II)	University of Pennsylvania	08/01/2012	05/31/2013	5,769
Dolinski, Kara J	3466149	Grant	Personalization of Therapeutic Efficacy and Risk, UPenn Glue - Core D Curation	University of Pennsylvania	08/01/2012	05/31/2013	180,545
Troyanskaya, Olga G	3466147	Grant	Personalization of Therapeutic Efficacy and Risk UPenn Glue - Core B-Data Visualization, Sharing & Education	University of Pennsylvania	08/01/2012	05/31/2013	126,382
Rabinowitz, Joshua D	3466146	Grant	Identification of Metabolic Vulnerabilities of Ras-Driven Cancer Cells	Rutgers University	07/01/2012	06/30/2017	1,145,098
Tank, David W	3466145	Grant	Grid Cell Dynamics During Navigation In Virtual Reality	NIH NINDS	09/26/2012	07/31/2016	1,581,641
Kruglyak, Leonid	3466144	Grant	Toward Comprehensive Genetic Dissection of Complex Traits in Yeast	NIH NIGMS	09/01/2012	05/31/2016	1,185,048
Storey, John D	3466143	Grant	Models and Methods for Population Genomics	NIH NHGRI	08/25/2012	06/30/2015	886,512
Schwab, David J	3466141	Grant	Excitability in Dictyostelium Development	NIH NIGMS	09/01/2012	05/31/2017	621,370
Kruglyak, Leonid	3466140	Grant	Genetic Dissection of Complex Traits in C. Elegans	NIH NHGRI	08/18/2012	05/31/2015	966,132
Rabinowitz, Joshua D Shenk, Thomas E	3466139	Grant	Mechanisms and Consequences of Metabolic Manipulation by Human Cytomegalovirus	NIH NIAID	08/17/2012	07/31/2016	1,941,125
Shenk, Thomas E	3466142						276,099
Rabinowitz, Joshua D	3466138	Grant	University of Pennsylvania Diabetes Research Center	University of Pennsylvania	05/15/2012	03/31/2014	566,773
Singh, Mona	3466137	Grant	Predicting and Analyzing Protein Interaction Networks	NIH NIGMS	08/10/2012	03/31/2016	1,220,035

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

Lewis-Sigler Institute for Integrative Genomics (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Bialek, William	3464048	Grant	Postdoctoral Fellowship Awards in Studying Complex Systems	James S. McDonnell Foundation	09/01/2012	08/31/2014	200,000
Murphy, Coleen T	3464047	Grant	Glenn Center For Quantitative Aging Research at Princeton University	Glenn Foundation for Medical Research	08/01/2012	07/31/2017	3,000,000
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 Prog Org (HFSP)	05/01/2012	04/30/2015	191,800
Botstein, David Levin, Simon A Wingreen, Ned S	3466134	Grant	Biochronicity: Time, Network, Evolution and Function	Duke University	03/30/2012	09/30/2013	381,757
Wingreen, Ned S Botstein, David Levin, Simon A	3466135						193,244
Callan, Curtis G	3466133	Grant	Predictive Learning of Transcriptional Networks	Columbia University	09/01/2011	05/31/2013	73,136
Kruglyak, Leonid Treusch, Sebastian	3466132	Grant	Influence of Genetic Variation on Fungal MAPK Signaling and Virulence	NIH NIGMS	04/01/2012	03/31/2015	155,346
Storey, John D	3466131	Grant	Methods for Gene-Environment Interactions Involving Gene Expression	NIH NHGRI	03/13/2012	02/28/2015	477,360
Gregor, Thomas	3466128	Grant	Controlling Collective Behavior in Eukaryotic Cell Populations	NIH NIGMS	02/01/2012	01/31/2016	1,061,636
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 D Rabitz, Herschel A	3466126						41,818
Rabitz, Herschel A Kruglyak, Leonid Rabinowitz, Joshua D	3466127						145,264
Shvartsman, Stanislav Y	3466123	Grant	Systems Biology of MAPK Signaling in Early Drosophila Embryo	NIH NIGMS	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	NIH Office of the Director	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

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

Lewis-Sigler Institute for Integrative Genomics (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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
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	3466120	Grant	A New Paradigm for Quantifying Animal Behavior in a Model Genetic System	NIH NIGMS	08/01/2011	05/31/2015	1,581,724
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	NIH NIGMS	07/21/2011	05/31/2016	1,374,912
Troyanskaya, Olga G Li, Kai	3466118	Grant	Context-Sensitive Search of Human Expression Compendia	NIH NHGRI	06/28/2011	04/30/2014	1,139,816
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	NIH NIGMS	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	1,350,031
Troyanskaya, Olga G	3466111	Grant	Integration and Visualization of Diverse Biological Data	NIH NIGMS	01/01/2011	12/31/2014	1,596,085
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	08/31/2014	300,000
Tavazoie, Saeed	3466107	Grant	Comprehensive Genetic Characterization of Antibiotic	NIH NIAID	07/01/2010	06/30/2013	86,517
Rabinowitz, Joshua D	3464033	Contract	Identifying and Treating Glutamine-dependent Pancreatic Cancer	University of Pennsylvania	12/01/2009	11/30/2014	972,642
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	12/14/2013	1,002,493
Dolinski, Kara J	3466104	Grant	Genomic Database for the Yeast Saccharomyces	Stanford University	08/01/2009	07/31/2012	414,574

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Lewis-Sigler Institute for Integrative Genomics (4)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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	3466100						179,420
Rabinowitz, Joshua D							
Andolfatto, Peter	3466096	Grant	Adaptive Evolution of Non Coding DNA and Gene Expression Divergence in Drosophila	NIH NIGMS	09/01/2009	07/31/2014	1,479,722
Murphy, Coleen T	3466083	Grant	Molecular Mechanisms Regulating Age-Related Cognitive Decline	NIH NIA	08/15/2009	07/31/2014	1,465,639
Botstein, David	3466079	Grant	Genetics of Functional Interactions in Yeast	NIH NIGMS	09/01/2009	08/31/2014	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	3466097						259,451
Rabitz, Herschel A							
Rabinowitz, Joshua D	3466129						6,587
Rabinowitz, Joshua D	3466130						80,491
Rabitz, Herschel A							
Shaevitz, Joshua W	3464028	Grant	Mechanisms of Cellular Organization and Force Production in Bacteria	Pew Scholars Prog in the Biomedical Sci	07/01/2009	06/30/2014	240,251
Botstein, David	3466073	Grant	Quantitative and Computational Biology Graduate Program	NIH NHGRI	08/01/2009	07/31/2014	0
Botstein, David	3466076						507,363
Botstein, David	3466077						542,335
Botstein, David	3466078						542,335
Botstein, David	3466084	Grant	Center for Quantitative Biology	NIH NIGMS	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
Botstein, David	3466091						2,109,810
Botstein, David	3466092						895,952
Botstein, David	3466093						2,481,901

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

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Botstein, David	3466094		<i>Continued from Above</i>				273,454
Botstein, David	3466095						602,815
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
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	NIH NIAID	02/15/2009	06/30/2013	1,925,905
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
Murphy, Coleen T	3466063	Grant	Slowing the Ticking Clock: C. Elegans Screens for Reproductive Aging Regulators	NIH Office of the Director	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	NIH NIMH	09/08/2008	06/30/2014	1,452,826
Storey, John D	3466059	Grant	Statistical Methods for Genetic Data	NIH NHGRI	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	06/30/2014	1,002,016
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	3466036	Grant	Metabolomics of the Virus-host Cell Interaction	National Institutes of Health	08/15/2007	07/31/2012	1,235,580
Coller, Hilary A							
Shenk, Thomas E							
Troyanskaya, Olga G							
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
Shvartsman, Stanislav Y	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
Schupbach, Gertrud M							
Kruglyak, Leonid	3464004	Grant	Gene Mapping & Beyond: The Role of Theory in Human Genetics	James S. McDonnell Foundation	02/01/2005	07/31/2013	777,090

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	6906118	Grant	Digitizing the Origins of the Cold War: Developing a Sustainable	Ntl Archives & Records Administration	01/01/2013	12/31/2014	109,570
Wulfman, Clifford E	6906117	Grant	The Blue Mountain Project: Digitizing Periodicals of the Garde	Avant-National Endowment for the Humanities	09/01/2012	08/31/2014	227,035
Magier, David S	6906115	Grant	The Yemen Manuscript Digitization Initiative	National Endowment for the Humanities	06/01/2010	10/31/2013	209,056

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Bhargava, Manjul	2156504	Grant	The Parametrization of Algebraic Structures and Application	National Security Agency	06/13/2013	05/12/2014	64,356
Yang, Paul C	2156498	Grant	Conformal Geometry and Geometric PDEs (Conference)	National Science Foundation	04/01/2013	03/31/2014	40,000
Chang, Sun-Yung A							
Ho, Wei	2156497	Grant	NSF Institutional Allowance	National Science Foundation	03/05/2013	03/04/2014	2,082
Patakfalvi, Zsolt	2154082	Grant	AMS-Simons Travel Grant Program	American Mathematical Society	09/01/2012	08/31/2014	800
Ozsvath, Peter S	2156496	Grant	Heegaard Diagrams and Holomorphic Disks	National Science Foundation	07/01/2012	05/31/2014	422,037
Singer, Amit	2154080	Grant	Simons Investigator Award	The Simons Foundation	08/01/2012	07/31/2017	594,000
Bhargava, Manjul	2154081	Grant	Simons Investigator Award	The Simons Foundation	08/01/2012	07/31/2017	660,000
Holzegel, Gustav H	2156495	Grant	Analysis of Black Hole Spacetimes	National Science Foundation	08/01/2012	07/31/2015	161,071
Fefferman, Charles L	2156494	Grant	Interpolation by Smooth Functions and Smooth Manifolds	Air Force Office of Scientific Research	08/15/2012	08/14/2017	802,881
Fefferman, Charles	2156506						15,000
Wienhard, Anna K	2156493	Grant	RNMS: Geometric Structures and Representation Varieties	University of IL at Urbana-Champaign	07/01/2012	12/31/2013	13,500
Lie, Victor D	2156492	Grant	Some Topics in Time-Frequency Analysis	National Science Foundation	07/01/2012	06/30/2015	142,001
Geraghty, David J	2156491	Grant	Modularity lifting in non-regular weight	National Science Foundation	07/01/2012	06/30/2015	176,568
van Zwam, Stefan H	2156490	Grant	Can we compare sets of points efficiently?	National Science Foundation	07/01/2012	06/30/2015	165,001
Gabai, David	2156489	Grant	Crossroads in Topology	National Science Foundation	05/01/2012	04/30/2013	29,081
Ozsvath, Peter S							
Szabo, Zoltan							
Kaletha, Tasho S	2156488	Grant	The Local Langlands Correspondence via Endoscopy, Geometry, Type Theory, and their Interplay	National Science Foundation	07/01/2012	06/30/2015	176,570
Templier, Nicolas P	2156487	Grant	Analysis of Whittaker Periods and Applications to Automorphic Forms	National Science Foundation	07/01/2012	06/30/2015	200,000
Warren, Micah W	2156486	Grant	Hessian Equations with Geometric Applications	National Science Foundation	07/01/2012	06/30/2015	160,000
Yuan, Xinyi	2156485	Grant	Central derivatives of some automorphic L-functions	National Science Foundation	07/01/2012	03/31/2013	41,772
Aizenman, Michael	2154079	Grant	Resonances in Large Quantum Systems	The Simons Foundation	09/01/2012	08/31/2013	132,000
Lieb, Elliott H	2154078	Grant	Proposal for Research in Mathematical Physics and Mathematical Analysis	The Simons Foundation	09/01/2012	08/31/2013	132,000
Kollar, Janos	2154077	Grant	Moduli of varieties of general type	The Simons Foundation	09/01/2012	08/31/2013	132,000
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	National Science Foundation	08/15/2011	08/31/2013	98,969
Lan, Kai-Wen	2156481	Grant	Torsion boundary cohomology of PEL-type Shimura varieties	National Science Foundation	08/15/2011	09/30/2012	40,945
Baldwin, John A	2156480	Grant	Contact structures, open books, and connections between Heegaard Floer homology and the Khovanov-Rozansky link homology theories	National Science Foundation	08/01/2011	08/31/2012	20,540

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Mathematics (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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, Sergiu Ionescu, Alexandru D 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
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
Chang, Sun-Yung A Chang, Sun-Yung	2154070 2154071	Grant	Simons Postdoctoral Fellowship Program	The Simons Foundation	07/01/2010	06/30/2014	520,550 54,192
Bhargava, Manjul	2156467	Grant	The Parameterization of Algebraic Structures, and Applications	National Science Foundation	07/01/2010	06/30/2014	380,776
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	06/30/2014	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 P 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	06/30/2014	250,000
Rodnianski, Igor	2156461	Grant	General Relativity and Geometric Hyperbolic PDEs	National Science Foundation	07/01/2010	06/30/2014	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	418,358
Gabai, David	2156458						16,545
Fefferman, Charles L Stein, Elias M	2156455	Grant	ARRA: Fourier Analysis and Partial Differential Equations	National Science Foundation	07/15/2009	09/30/2013	959,415
Okounkov, Andrei	2156454	Grant	FRG: Collaborative Research: Quantum Cohomology, Quantized Algebraic Varieties, and Representation Theory	National Science Foundation	07/01/2009	06/30/2013	378,027

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Mathematics (3)

ACTIVE SPONSORED PROJECTS

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Skinner, Christopher M	2156453	Grant	ARRA: FRG: Automorphic Forms, Galois Representations, Periods and p-Adic L-functions	National Science Foundation	07/01/2009	09/30/2013	119,969
Damron, Michael K	2156452	Grant	ARRA: Dynamics of Multidimensional Symbolic Systems	National Science Foundation	07/01/2009	09/30/2013	158,522
Warren, Micah W	2156451	Grant	ARRA - Hessian and Special Lagrangian Equations	National Science Foundation	07/01/2009	09/30/2013	145,698
Sinai, Yakov G	2156450	Grant	Ergodic and Statistical Phenomena in Dynamics	National Science Foundation	06/01/2009	05/31/2014	622,898
Klainerman, Sergiu	2156449	Grant	Mathematical Problems in General Relativity	National Science Foundation	07/01/2009	06/30/2014	540,229
Beliaev, Dmitri	2156447	Grant	Random Fractals and Harmonic Measure	National Science Foundation	08/15/2008	07/31/2012	125,317
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	06/30/2014	830,172
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	06/30/2014	750,000
Skinner, Christopher M	2156439	Grant	Equations and Automorphic Forms	National Science Foundation	05/01/2008	04/30/2014	431,188
Kollar, Janos	2156438	Grant	Higher dimensional varieties and their applications	National Science Foundation	07/01/2008	06/30/2014	675,002
Warzel, Simone	2156424	Grant	Analysis of Quantum Many-Particle Systems with Disorder	National Science Foundation	06/01/2007	05/31/2013	140,577
Skinner, Christopher M	2156422	Grant	L-values, Selmer groups, and automorphic forms	National Science Foundation	07/01/2007	06/30/2014	471,997
Klainerman, Sergiu Chang, Sun-Yung A Rodnianski, Igor Stein, Elias M Tian, Gang	2156398	Grant	EMSW21-RTG: Integrated Approach to Graduate Training in Analysis and Geometry	National Science Foundation	09/01/2005	08/31/2012	1,437,409
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	536,701

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

Computer Science

Zeev Dvir

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

Contributions Made to Other Units (cont.) :

Physics

Michael Aizenman

Elliott H Lieb

PRISM

Weinan E

Princeton Institute for Computational Science and Engineering (PICSciE)

Weinan E

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

Mechanical and Aerospace Engineering

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	1506215	Grant	DURIP: Fast Oscilloscope and Detectors for Air Laser	Office of Naval Research	06/15/2013	06/14/2014	245,452
Dryer, Frederick L	1506214	Grant	Chemical Kinetic Models for Biomass Gasfication and Combustion for Clean Biomass Cookstove Applications	Colorado State University, Fort Collins	02/01/2013	01/31/2014	127,500
Miles, Richard B	1506213	Grant	Silicon Carbide Semiconductor Surface Dielectric Barrier Discharge (SSDBD) Device for Turbulent Skin Friction Drag Reduction and Flow Control	Spectral Energies LLC	05/23/2013	11/23/2013	37,950
Ju, Yiguang	1506211	Grant	An Investigation on Structures of Premixed Flames in High Intensity Turbulent Flow	University of Texas at El Paso	05/01/2013	05/30/2016	75,000
Steingart, Daniel A	1506210	Contract	Electrochemical Measurement and Optical Imaging at LLNL	Lawrence Livermore National Laboratory	04/01/2013	06/30/2013	4,000
Kasdin, N. Jeremy	1504385	Contract	Conceptual Design Studies of an Integral Field Spectrograph for Exoplanet Observations for Subaru Telescope	Subaru Telescope, NAOJ	04/01/2013	03/31/2014	1,042,949
Ju, Yiguang Sun, Wenting Yao, Nan	1504384	Grant	Controlled Plasma Synthesis of Fe/LiF Nanocrystals	QuantumScape Corporation	05/01/2013	04/30/2014	75,000
Hultmark, Marcus N	1504383	Grant	Development of Fast Response Temperature and Humidity Sensor	École Polytechnique Fédérale de Lausanne	04/01/2013	12/31/2014	229,000
Dryer, Frederick L	1506205	Contract	Evaluation of Varying Solvent Surrogate Blend Ratios for Simulating Chemical Properties and Prevaporized Combustion Characteristics of JP-8	University of Dayton	03/01/2013	02/28/2014	110,000
Kasdin, N. Jeremy Young, Elizabeth J	1504382	Grant	Integrated Manufacture and Design of Shaped Pupil Coronagraphs for the Direct Imaging of Exoplanets	Sigma Xi The Scientific Research Society	03/01/2013	01/31/2014	4,000
Smits, Alexander J	1506208	Grant	Friction Drag Reduction Using Superhydrophobic Surface in High Reynolds Number Turbulent Flow	Office of Naval Research	02/15/2013	02/14/2016	180,000
Law, Chung K Chaudhuri, Swetaprovo Ju, Yiguang Won, Sang Hee	1506204	Grant	Physical and Chemical Processes in Turbulent Flames--Revised Budget 10/26/2012	Air Force Office of Scientific Research	03/15/2013	03/14/2015	428,000
Law, Chung K Chaudhuri, Swetaprovo Ju, Yiguang Won, Sang Hee	1506206						7,563
Law, Chung K Chaudhuri, Swetaprovo Ju, Yiguang Won, Sang Hee	1506207						59,437
Dogariu, Arthur Miles, Richard B	1504381	Contract	Surface Radiometry Performance Study for Standoff CARS	Niitek, Inc.	03/01/2013	04/30/2013	20,000

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

Mechanical and Aerospace Engineering (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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 Dogariu, Arthur	1506201	Grant	Magnetic Anomaly Detection by Remote Means	Office of Naval Research	01/01/2013	12/31/2013	100,000
Dryer, Frederick L Ju, Yiguang	1506199	Contract	ATJ & ATJ/JP-8 Blended Fuel Combustion Fundamentals: Fuel Property Target Values, Flame Speeds, Reactivity Indices, Minimum Flame Initiation Radius, & Reactivity Assessments over a Range of Pressures	Universal Technology Corporation	12/17/2012	10/17/2013	101,731
Ju, Yiguang	1506200						74,623
Rowley, Clarence W	1506198	Contract	Simulation Software for Virtual Flight Testing	Clear Science Corporation	11/15/2012	11/14/2014	225,000
Smits, Alexander J	1506197	Grant	Turbulence at Reynolds Numbers Typical of Navy Operations	Office of Naval Research	01/01/2013	12/31/2014	393,806
Glaser, Alexander	1506196	Contract	Zero-Knowledge Nuclear Warhead Verification	Bureau of Arms Ctrl	09/29/2012	09/29/2013	100,000
Miles, Richard B	1506189	Grant	Remote Reflection and Generation of Microwave, Laser and Acoustic Radiation in the Atmosphere with Laser Filaments	SPAWAR Systems Center Atlantic	09/28/2012	05/31/2013	300,024
Stone, Howard A	1506188	Grant	Axial Dispersion Due Shear-Enhanced Diffusion in Suspensions	National Science Foundation	09/01/2012	08/31/2015	282,357
Suckewer, Szymon Scully, Marlan O	1506187	Grant	Research on Improvement Efficiency and Focussibility of Ultra-Intense Beam of Stimulated Raman Backscattering Amplifier/Compressor in Plasma	DOE - National Nuclear Security Admin	09/28/2012	09/27/2015	783,639
Stone, Howard A	1506186	Grant	MPS-BIO: Collaborative Research: Mathematical and Experimental Study of Lipid Bilayer Shape and Dynamics Mediated by Surfactants and Proteins	National Science Foundation	09/15/2012	08/31/2015	181,667
Ju, Yiguang	1506180	Grant	1st International Workshop on Flame Chemistry, July 28-29, 2012	National Science Foundation	09/01/2012	03/31/2013	4,736
Stone, Howard A Carter, Emily A Debenedetti, Pablo G Koel, Bruce E Panagiotopoulos, Athanassios Z Bernasek, Steven L	1506181	Grant	Liquid Metals as Plasma-Facing Materials for Fusion Energy Systems: From Atoms to Tokamaks	DOE - Washington	08/01/2012	07/31/2015	990,363
Koel, Bruce E	1506190						170,015
Carter, Emily A	1506191						11,450
Debenedetti, Pablo G	1506192						9,906
Panagiotopoulos, Athanassios Z	1506193						9,906
Bernasek, Steven L	1506194						8,362
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

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

Mechanical and Aerospace Engineering (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	1506182		<i>Continued from Above</i>				20,034
Hultmark, Marcus	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	1,869,975
Smits, Alexander J Hultmark, Marcus N Stone, Howard A	1506177						188,347
Smits, Alexander J Hultmark, Marcus N Stone, Howard A	1506179						191,678
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
Kasdin, N. Jeremy Vanderbei, Robert J	1506171	Grant	Integrated Coronagraph Design and Wavefront Control using Two Deformable Mirrors	NASA Headquarters - Washington	07/01/2012	06/30/2014	441,873
Rowley, Clarence W Martinelli, Luigi Stengel, Robert F	1506170	Cooperative Agreement	Unsteady Aerodynamic Model for Jet Transports at High Angle-of-Attack	Federal Aviation Agency (DOT)	07/17/2012	10/14/2013	123,845
Holmes, Philip J	1504380	Grant	BSF Application 2011059: The Control and Coordination of Six-U.S.-Israel Binational Science Fdn. Legged Locomotion		10/01/2012	09/30/2016	72,850
Suckewer, Szymon	1506185	Contract	All Services Necessary to Conduct Experiments on Short Pulsed Laser Amplification Using Plasma Gas Jets	Los Alamos National Laboratory	07/19/2012	12/31/2012	60,000
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	09/30/2013	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	670,388
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	489,175

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

Mechanical and Aerospace Engineering (4)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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
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	03/31/2014	330,000
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
Glaser, Alexander	1504375	Grant	Global Zero Warhead Verification Project in Partnership with Princeton University's Nuclear Futures Laboratory	The Simons Foundation	10/01/2011	06/30/2014	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
Choueiri, Edgar Y	1504372	Contract	Research on Advanced Audio Techniques and Applied	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	09/30/2012	71,328
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	108,915
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
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	234,514
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

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Mechanical and Aerospace Engineering (5)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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
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-Princeton University	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	12/31/2013	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
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	Technion - Israel Instit of Technology	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, Inc.	05/01/2011	10/30/2013	100,000
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 Verification	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

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

Mechanical and Aerospace Engineering (6)

ACTIVE SPONSORED PROJECTS

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<u>Investigator</u>	<u>Account</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	1506120	Grant	Fundamentals of Wall-Bounded Turbulence at Extreme Reynolds Numbers	National Science Foundation	03/15/2011	02/28/2014	300,000
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
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	273,835
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	02/28/2014	450,000
Rowley, Clarence W	1506112	Grant	Multi-Scale Uncertainty Propagation in Dynamical Systems	University of CA at Santa Barbara	05/01/2010	04/30/2013	224,859
Law, Chung K	1506110	Grant	Flame Dynamics and Reduced Chemistry in LRE Combustion Instability	Georgia Institute of Technology	05/01/2010	04/30/2013	299,989
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	519,644
Law, Chung K	1506104	Grant	Physical and Chemical Processes in Flames	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	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, Inc.	11/01/2009	06/03/2013	18,171
Ju, Yiguang Dryer, Frederick L	1506098						81,829
Ju, Yiguang	1506142						34,851
Dryer, Frederick L	1506143						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
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	NASA Glenn Research Center	10/01/2009	09/30/2014	375,000

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

Mechanical and Aerospace Engineering (7)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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		<i>Continued from Above</i>				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	1,566,668
Ju, Yiguang							
Shneider, Mikhail							
Starikovskiy, Andrey Y							
Ju, Yiguang	1506071						758,332
Starikovskiy, Andrey Y	1506118						910,000
Leonard, Naomi E	1506065	Grant	Bio-Inspired Autonomous Control for Optimal Exploration and Exploitation in Marine Environments	Office of Naval Research	07/01/2009	06/30/2014	1,445,889
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
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	04/30/2014	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	10/31/2013	936,832
Smits, Alexander J	1506121						91,631

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

Contributions Made to Other Units :

Applied and Computational Math

Emily A Carter

Mikko P Haataja

Philip J Holmes

Howard A Stone

Civil and Environmental Engineering

Craig B Arnold

Molecular Biology

Howard A Stone

Princeton Environmental Institute (PEI)

Craig B Arnold

Alexander Glaser

Naomi E Leonard

Alexander J Smits

Robert H Socolow

Howard A Stone

Princeton Institute for Computational Science and Engineering (PICSciE)

Emily A Carter

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

Daniel A Steingart

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

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Kang, Yibin	1266526	Grant	Ubiquitin-dependent Regulation of EMT and Metastasis	NJ Commission on Cancer Research	04/01/2013	03/31/2015	50,000
Wieschaus, Eric F	1266525	Grant	Mechanical Force-induced Cell-cell Junction Remodeling	NJ Commission on Cancer Research	04/01/2013	03/31/2015	100,000
Rose, Mark D	1266523	Grant	Understanding the Mechanism of DNA Mismatch Repair	NJ Commission on Cancer Research	04/01/2013	03/31/2015	50,000
Gammie, Alison E							
Kang, Yibin	1266524	Grant	Role of Exosomal MiRNA in Breast Cancer Metastasis	NJ Commission on Cancer Research	04/01/2013	03/31/2015	100,000
Ploss, Alexander	1266522	Grant	Understanding Human Neutralizing Antibodies to Hepatitis C Virus	Scripps Research Institute	06/01/2013	05/31/2014	60,534
Gitai, Zemer	1264730	Grant	Identifying and Characterizing Bacterial Cytoskeletal Elements and Small Molecules that Target Them	Human Frontier Science Prog Org (HFSPO)	05/01/2013	04/30/2016	300,000
Schwarzbauer, Jean E	1264729	Grant	Research Agreement 1959: NIH-NCI CCSG Support	The Cancer Institute of New Jersey	03/01/2012	02/28/2013	6,867
Hughson, Frederick M	1266516	Grant	Structural Analysis of Golgi Trafficking Proteins	NIH NIGMS	06/01/2013	02/28/2017	1,348,668
Di Talia, Stefano	1266515	Grant	Time-keeping Mechanisms in Drosophila Embryonic Development	NIH NICHD	05/20/2013	04/30/2015	193,844
Murthy, Mala	1266514	Grant	Neural Signatures of Long-Term Memory	NIH NIGMS	04/01/2013	03/31/2014	52,190
Crocker, Amanda J							
Gavis, Elizabeth R							
Gavis, Elizabeth R	1266511	Grant	Translational Regulation of Patterning in Drosophila	NIH NIGMS	05/01/2013	04/30/2017	1,294,008
Silhavy, Thomas J	1266510	Grant	Genetic Analysis of Protein Export	NIH NIGMS	05/01/2013	04/30/2017	2,742,772
Coller, Hilary A	1266509	Grant	Role of Autophagy in Skin Cancers	The Cancer Institute of New Jersey	12/01/2012	11/30/2013	66,666
Devenport, Danelle							
Schwarzbauer, Jean E	1266508	Grant	CINJ: Flow Cytometry/Cell Sorting Shared Resource	Univ of Medicine & Dentistry of NJ	03/01/2012	02/28/2013	17,005
Wang, Samuel S	1264728	Grant	System Biology of Autism: The Case for the Cerebellum	Children's Hospital Boston	12/01/2012	11/30/2013	165,000
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	1266507	Grant	ASB13, a Novel E3-Ubiquitin Ligase of EMT Transcriptional Factor Slug	The Cancer Institute of New Jersey	12/01/2012	11/30/2013	80,000
Kang, Yibin	1264727	Grant	Cancer Institute of New Jersey Foundation: Translational Cancer Research Fellowship Program	Univ of Medicine & Dentistry of NJ	01/01/2013	12/31/2014	120,000
Gammie, Alison E	1264726	Grant	The Summer Undergraduate Research Program in Molecular and Quantitative and Computational Biology	Genentech Foundation	03/01/2013	08/31/2013	16,000
Gammie, Alison E	1266506	Grant	DNA Mismatch Repair and Cancer	NJ Commission on Cancer Research	12/01/2012	11/30/2013	143,352
Gammie, Alison E	1266505	Grant	The Role of DNA Mismatch Repair Protein Msh2 in Cisplatin Resistance in Tumors	Univ of Medicine & Dentistry of NJ	12/01/2012	11/30/2013	80,000
Gammie, Alison E	1264725	Grant	To Study Quantitative Gene Expression Profiling in Formalin-fixed, Paraffin Embedded (FFPE) and Fresh Frozen Human Prostate Cancer Tissue Specimens by RNA Sequencing	Univ of Medicine & Dentistry of NJ	08/01/2012	07/31/2013	5,900
Kang, Yibin	1266501	Grant	Cancer Center Support Grant: Support for Director of TG/KO Shared Resource	Univ of Medicine & Dentistry of NJ	03/01/2012	02/28/2013	19,413

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Molecular Biology (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Stock, Jeffry B	1266499	Grant	Synergistic Neuroprotective Mechanisms of Coffee Components in Parkinson's Disease	Univ of Medicine & Dentistry of NJ	09/30/2012	08/29/2013	161,000
Cristea, Ileana M	1266500	Grant	Proteomic Study of DBC1: Deacetylation and Tumorigenesis	NJ Dept of Health and Senior Services	07/01/2012	06/30/2014	91,000
Wingreen, Ned S	1266492	Grant	History Dependence of Chemosensing Strategy in Escherichia Coli	NIH NIGMS	09/01/2012	08/31/2016	1,054,790
Wingreen, Ned S	1266493						117,157
Wingreen, Ned S	1266494						67,250
Wingreen, Ned S	1266495						61,502
Wingreen, Ned S	1266496						95,679
Enquist, Lynn W	1264724	Grant	Mechanisms of Pseudorabies Virus Exit, Retention & Trans-Neuronal Spread	American Cancer Society, Inc. (ACS)	01/01/2013	12/31/2015	150,000
Cristea, Ileana M	1266491	Contract	Host Factors Required for Dengue and Yellow Fever Virus Amplification	University of Alabama at Birmingham	08/03/2012	07/31/2013	79,814
Silhavy, Thomas J	1264723	Grant	Genetic Analysis of Lipopolysaccharide (LPS) Biosynthesis in Acinetobacter Baumannii (Part A) and Transfer of Mutations that Impair Outer Membrane (OM) Biogenesis into Merck Strain Background(Part B)	Merck & Co., Inc.	09/26/2012	09/25/2013	229,497
Tank, David W Gauthier, Jeffrey L	1266490	Grant	Examining the Integration of Inputs by the Subiculum During Virtual Navigation	NIH NINDS	09/24/2012	09/23/2015	172,836
Gavis, Elizabeth R Bhagal, Balpreet	1266489	Grant	Regulation of Dendrite Morphogenesis by Nanos and Pumilio	NIH NINDS	09/01/2012	08/31/2015	161,802
Wang, Samuel S	1264722	Grant	Transcending the Dynamic Limits of Genetically Encodable Calcium Indicators	McKnight Endowment Fund for Neuroscience	08/01/2012	07/31/2014	150,000
Enquist, Lynn W	1266488	Grant	National Center for Experimental Neuroanatomy with Neurotropic Viruses	University of Pittsburgh	06/01/2012	05/31/2013	205,765
Zakian, Virginia A	1266487	Grant	Structure and Behavior of Yeast Telomeres	NIH NIGMS	08/05/2012	07/31/2016	2,057,370
Murthy, Mala	1264718	Grant	Neural Mechanisms Underlying Acoustic Communication in Drosophila	McKnight Endowment Fund for Neuroscience	07/01/2012	06/30/2015	225,000
Bassler, Bonnie L	1264719	Grant	Investigation of Bacterial Quorum-Sensing at the Population-Wide and Single-Cell Level	Human Frontier Science Prog Org (HFSPO)	06/01/2012	05/31/2015	14,760
Gavis, Elizabeth R	1264720	Grant	A genome-wide genetic screen for asymmetrically localized mRNAs	U.S.-Israel Binational Science Fdn.	10/01/2012	09/30/2016	102,000
Wang, Samuel S Kloth, Alexander D	1266486	Grant	Investigating Readout of Cerebellar Synchrony in Delay Eyeblink Conditioning	NIH NIMH	07/15/2012	07/14/2014	84,464
Murthy, Mala	1264721	Grant	Neural Mechanisms Underlying Acoustic Communication	Esther A. & Joseph Klingenstein Fund	06/01/2012	05/31/2015	150,000
Burdine, Rebecca D	1266484	Grant	Connecting Polycystin Signaling to Asymmetric Nodal	NIH NICHD	07/01/2012	04/30/2017	1,619,390
Wang, Samuel S	1266485	Grant	A computational study of TBI induced cerebellar damage	NJ Commission on Brain Injury	06/01/2012	05/31/2015	225,936
Gitai, Zemer	1264717	Grant	Characterization of Pseudomonas aeruginosa surface sensing	Life Sciences Research Foundation	08/01/2012	07/31/2015	168,000

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Molecular Biology (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Cristea, Ileana M	1264716	Grant	Mass Spectrometry Investigation of Mitochondrial Sirtuins as New anti-Viral Factors	American Society for Mass Spectrometry	05/01/2012	04/30/2014	35,000
Schwarzbauer, Jean E	1266483	Grant	Molecular Analysis of Extracellular Matrix Assembly	NIH NCI	05/01/2012	03/31/2017	1,607,832
Hughson, Frederick M	1266478	Grant	Manipulating Quorum Sensing to Control Bacterial Pathogenecity	NIH NIAID	04/01/2012	03/31/2014	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	NIH NIGMS	04/01/2012	03/31/2016	1,420,065
Zakian, Virginia A	1266477	Grant	Roles of Pif1 family helicases in Genomic Integrity and Telomere Maintenance	NIH NIA	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	NIH NICHD	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	NJ Commission on Spinal Cord Research	03/01/2012	02/28/2013	997
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	NIH NIDDK	03/01/2012	02/28/2017	211,160
Miller, Charles G							
Gitai, Zemer	1266470	Grant	Negative Regulation of Virulence in Pseudomonas Aeruginosa	NIH NIAID	02/01/2012	01/31/2015	167,346
Stone, Howard A							
Siryaporn, Albert							
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	NIH NIGMS	01/15/2012	11/30/2015	1,298,836
Bassler, Bonnie L	1266513						38,863
Bassler, Bonnie L	1266464	Grant	Quorum Sensing in the Commensal Bacterium Bacteroides Fragilis	NIH NIGMS	02/01/2012	01/31/2014	106,132
Ismail, Anisa S							
Cristea, Ileana M	1266467	Grant	Molecular and Genetic Analysis of Castor in Cardiac Development	Univ of No Carolina at Chapel Hill	12/01/2011	11/30/2016	155,149
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	8,735
Kang, Yibin	1264709	Contract	Anti-Jag1 Functional Blocking Antibody 15D11	Amgen, Inc.	11/28/2011	11/27/2014	200,000

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7/1/2012 - 6/30/2013

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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	NIH NINDS	01/01/2012	12/31/2016	1,801,413
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 rRegulation and Breast Cancer Progression	CDMRP	09/01/2011	08/31/2014	324,000
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	NIH NIAID	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	NJ 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	NIH NIAID	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	Howard Hughes Medical Institute	07/01/2011	08/31/2012	75,340
Silhavy, Thomas J	1266455	Grant	Regulation of Stationary Phase in Escherichia coli	NIH NIGMS	08/01/2011	06/30/2015	1,227,387
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 Prog Org (HFSP)	06/01/2011	05/31/2014	337,426
Wieschaus, Eric F	1266454	Grant	Oogenesis and Early Embryogenesis in Drosophila	NIH NICHD	06/01/2011	05/31/2016	1,065,033
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 Prog Org (HFSP)	04/01/2011	03/31/2014	14,760
Schupbach, Gertrud M	1266450	Grant	EGF Receptor Mediated Signaling in Drosophila	NIH NIGMS	03/01/2011	01/31/2015	1,325,763
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

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Wingreen, Ned S Gitai, Zemer van Teeffelen, Sven	1264695	Grant	Achieving and maintaining the cell shape of bacteria: a biophysical study	Human Frontier Science Prog Org (HFSPO)	07/15/2010	07/14/2013	14,760
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	NIH NINDS	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 Simplex	Northrop Grumman Corporation	12/17/2010	12/16/2012	507,248
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
Garcia, Benjamin A	1266436	Grant	"New Innovator Award" Novel Methodology for Quantitative High-throughput Cancer Epigenetics	National Institutes of Health	09/30/2010	07/31/2012	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
Berry, Michael J	1264683	Grant	Microfabricated Patch Clamp Micropipette	McKnight Endowment Fund for Neuroscience	08/01/2010	07/31/2014	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
Boulanger, Lisa M Tyler, Carolyn M	1266430	Grant	Investigating the role of MHC class I Proteins in Traumatic Brain Injury	NJ Commission on Brain Injury	06/01/2010	11/30/2013	192,324

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Stock, Jeffry B	1264680	Grant	Rohto-Princeton Alliance	ROHTO Pharmaceutical Co., Ltd.	05/07/2010	02/06/2013	1,020,000
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	NIH NCI	04/01/2010	01/31/2015	1,586,755
Silhavy, Thomas J Rigel, Nathan W	1266423	Grant	NRSA: Assembly of Outer Membrane Proteins in Escherichia	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	NIH NIAID	04/01/2010	03/31/2013	152,874
Kang, Yibin Fang, Wenwen Landweber, Laura F	1266420	Grant	RNA-guided DNA Rearrangements in Breast Cancer	Army Medical Rsrch 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	Army Medical Rsrch 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
Eggenschwiler, Jonathan	1266415	Grant	The Role of TEPM6 in SHH Signaling and Neural Identity	NJ Commission on Spinal Cord Research	12/15/2009	12/30/2012	332,590
Shenk, Thomas E	1266413	Grant	Human Cytomegalovirus Latency in Cultured Monocytes	NIH NIAID	02/15/2010	01/31/2015	1,745,652
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 A	1266426						14,366
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	NIH NIGMS	12/21/2009	11/30/2013	2,424,121
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
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 Prog Org (HFSP)	10/01/2009	09/30/2013	209,892
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

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7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Wang, Samuel S	1266386		<i>Continued from Above</i>				396,038
Puchalla, Jason L	1266387						81,213
Enquist, Lynn W	1266388						209,236
Wang, Samuel S							
Legesse-Miller, Aster	1266384	Grant	The Role of MicroRNAs in Controlling Fibroblast Proliferation and Tumor Promotion	NIH NCI	09/16/2009	08/31/2014	709,870
Coller, Hilary A							
Flint, Jane							
Cristea, Ileana M	1264665	Grant	A Hybrid Approach to Revealing Intermediate Structures of Herpes Simplex Virus During Infection	Human Frontier Science Prog Org (HFSPO)	07/01/2009	06/30/2013	299,889
Wingreen, Ned S	1264661	Grant	Thermally Robust Chemotaxis and Thermotaxis in Escherichia Coli	Human Frontier Science Prog Org (HFSPO)	09/01/2009	04/30/2013	19,500
Doubrovinski, Konstantin							
Kang, Yibin	1264662	Grant	Champalimaud Metastasis Programme at Princeton University	Amer Portuguese Biomedical Research Fund	05/01/2009	04/30/2014	505,750
Schedl, Paul D	1266375	Grant	Molecular and Genetic Analysis of Chromatin Structure	NIH NIGMS	08/01/2009	01/31/2014	1,639,717
Silhavy, Thomas J	1266367	Grant	Genetic Analysis of Protein Export	NIH NIGMS	04/01/2009	04/30/2013	2,442,576
Gavis, Elizabeth R	1266366	Grant	Translational Regulation of Patterning in Drosophila	NIH NIGMS	05/01/2009	04/30/2013	1,217,272
Shenk, Thomas E	1266365	Grant	Human Cytomegalovirus Tegument Proteins	NIH NCI	05/01/2009	02/28/2014	1,827,520
Hughson, Frederick M	1266364	Grant	Structural Analysis of Golgi Trafficking Proteins	NIH NIGMS	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	NIH NIGMS	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
Kang, Yibin	1266355	Grant	Metadherin in Metastasis and Chemoresistance of Breast	NIH NCI	09/01/2008	08/31/2013	1,613,921
Eggenschwiler, Jonathan T							
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	1266349	Grant	NRSA: Human Cytomegalovirus Episome Maintenance and Propagation of Genetic Damage	National Institutes of Health	09/30/2008	08/31/2012	112,022
Shenk, Thomas E							
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	NIH Office of the Director	09/30/2008	06/30/2013	2,415,000
Cristea, Ileana M	1266345	Grant	Proteomic Approaches to Chromatin Remodeling Complexes and their Modulation During HIV-1 Infection	NIH NIDA	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

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

Molecular Biology (8)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Coller, Hilary A	1266319	Grant	The Role of MicroRNAs in Cellular Quiescence	NIH NIGMS	07/01/2008	06/30/2014	1,388,691
Berry, Michael J	1266318	Grant	Neural Computation in the Retina	NIH NEI	07/01/2008	06/30/2013	1,476,143
Schwarzbauer, Jean E	1266307	Grant	Predoctoral Training in Genetics and Molecular Biology	NIH NIGMS	07/01/2008	06/30/2013	0
Schwarzbauer, Jean E	1266316						1,193,837
Schwarzbauer, Jean E	1266317						145,800
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	NIH NINDS	05/01/2012	04/30/2014	1,745,408
Enquist, Lynn W	1266434						40,250
Enquist, Lynn W	1266437						58,750
Cox, Edward C	1266297	Grant	CAAX Processing and Cell Signaling in Dictyostelium	NIH NIGMS	04/01/2008	03/31/2013	1,086,175
Hughson, Frederick M	1266294	Grant	Structure-Function Analysis of AI-2 Quorum Sensing	NIH NIAID	03/01/2008	02/28/2014	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	NIH NINDS	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	NIH NEI	09/30/2007	08/31/2013	1,886,506

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

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

Contributions Made to Other Units (cont.) :

Lewis-Sigler Institute for Integrative Genomics (cont.)

Gertrud M Schupbach

Thomas E Shenk

John D Storey

David W Tank

Ned S Wingreen

Mechanical and Aerospace Engineering

Bonnie L Bassler

Thomas J Silhavy

Ned S Wingreen

Physics

Ned S Wingreen

Princeton Neuroscience Institute

Michael J Berry

Mala Murthy

David W Tank

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Lansky, Paul	2254009	Grant	Proposal to Augusting Foundation for Classical Guitar Composition	Augustine Foundation	01/01/2011	12/31/2012	5,000

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

Near Eastern Studies / NES Program

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	09/30/2013	125,000
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

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Operations Research and Financial Engineering

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Massey, William A	1806095	Grant	Nineteenth Conference for African American Researchers in the Mathematical Sciences (CAARMS19)	National Security Agency	06/12/2013	06/11/2014	30,000
Liu, Han	1806094	Grant	III: Small: Nonparametric Structure Learning for Complex Scientific Datasets	National Science Foundation	09/01/2012	07/31/2014	407,185
Liu, Han	1806093	Grant	Statistical and Computational Tools for Next-generation ChIP-seq Application	The Johns Hopkins University	09/12/2012	05/31/2013	24,670
Vanderbei, Robert J	1806092	Grant	Fast Fourier Optimization with Application to Antenna Array Control and High-Contrast Imaging	Office of Naval Research	01/01/2013	12/31/2015	541,565
Carmona, Rene A	1806091	Grant	Mathematical Methods for the New Commodity & Environmental Markets	National Science Foundation	09/01/2012	08/31/2015	259,769
Sircar, Ronnie	1806090	Grant	Mathematics of Energy Markets & Differential Games, Financialization of Commodities Markets, and Volatility & ETF Derivatives	National Science Foundation	09/01/2012	08/31/2015	235,663
Powell, Warren B	1806089	Grant	Mid-Atlantic Offshore Wind Interconnection and Transmission	University of Delaware	09/30/2011	09/29/2014	94,278
Powell, Warren B	1806087	Grant	Optimal Learning for Efficient Experimentation in Nanotechnology and Biochemistry	Air Force Office of Scientific Research	07/01/2012	06/30/2015	1,909,510
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
van Handel, Ramon	1806084	Grant	CAREER: Conditional Theory of Large-Scale Stochastic	National Science Foundation	07/01/2012	06/30/2017	400,000
Powell, Warren B	1806082	Contract	High-Performance Computing for Stochastic Optimization Problem in Energy Systems Analysis	Lawrence Livermore National Laboratory	12/01/2011	09/30/2013	300,000
Fan, Jianqing	1806080	Grant	Quantitative Methods for Genome-wide Analysis of Macrophage Activation by ESCs	NIH NIGMS	09/01/2011	05/31/2015	1,453,614
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
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
Rudloff, Birgit	1806072	Grant	Pricing, Hedging and Measuring Risk in Markets with Transaction Costs	National Science Foundation	09/15/2010	08/31/2014	180,000
van Handel, Ramon	1806069	Grant	Ergodic Theory of Decisions Under Partial Information	National Science Foundation	08/01/2010	07/31/2013	145,594
Fan, Jianqing	1806066	Grant	Statistical Methods for Ultrahigh-dimensional Biomedical Data	NIH NIGMS	02/01/2010	01/31/2014	1,057,347
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

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

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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	1806058	Grant	CDI-Type II: Collaborative Research: Sparse Inference: New Tools for Structural Knowledge Discovery	National Science Foundation	09/15/2008	02/28/2013	364,274
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						1,676,290
Carmona, Rene A Massey, William A Rudloff, Birgit Sircar, Ronnie	1806057						48,000
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	05/31/2014	920,001
Cheridito, Patrick	1806039	Grant	CAREER: Quantification of Risk	National Science Foundation	07/01/2007	08/31/2013	400,003
Powell, Warren B Bouzaïene-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

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.

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Knapp, Gillian R	6474000	Grant	Prison Teaching Initiative Subcontract in Support of NJ STEP	Rutgers, The State University of NJ	09/01/2012	08/31/2013	5,000

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Papers of Thomas Jefferson

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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	3756046	Grant	The Papers of Thomas Jefferson	Ntl Historical Pubs. and Records Comm	07/01/2012	06/30/2013	135,098
Oberg, Barbara B	3756045	Grant	The Papers of Thomas Jefferson (preparing the authoritative book edition, as well as a digital edition of Jefferson's Papers)	Ntl Historical Pubs. and Records Comm	07/01/2011	07/31/2012	168,872

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

Peter B. Lewis Center - Arts

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Rohrer, Katherine T	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	300,069

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ACTIVE SPONSORED PROJECTS
7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Leslie, Sarah-Jane	2406005	Grant	The Development of Social Essentialism	New York University	08/15/2012	07/31/2015	40,223

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

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Romalis, Michael V	2454195	Contract	Atomic Magnetometers Enabling Breakthrough Nuclear Quadrupole Resonance Detection of Explosives	Niitek, Inc.	06/01/2013	05/31/2014	150,000
Sondhi, Shivaji L	2454194	Grant	Quantum Hardness	The John Templeton Foundation	02/01/2013	07/31/2015	181,663
Romalis, Michael V	2454193	Contract	Fabrication of Multi-pass Cells for RF Magnetometer	Niitek, Inc.	06/01/2013	05/30/2014	105,989
Romalis, Michael V	2456792	Grant	Low Drift Nuclear Spin Gyro and Magnetic-Optical Accelerometer	Air Force Research Laboratory (WPAFB)	04/01/2013	03/31/2016	1,888,454
Romalis, Michael V	2456793						48,500
Meyers, Peter D	2456791	Contract	DarkSide-50 DOE Commissioning/Operations	Fermi National Accelerator Laboratory	04/01/2013	12/31/2013	60,000
Meyers, Peter D	2456788	Contract	DarkSide G-2 Research & Development	Fermi National Accelerator Laboratory	04/01/2013	12/31/2013	141,000
Meyers, Peter D	2456789						103,000
Stickland, David P	2456787	Grant	Online Luminosity Measurement at CMS for Energy Frontier Physics after LS1	DOE - Chicago	05/01/2013	03/31/2015	90,000
McDonald, Kirk T	2456786	Grant	Cathode Plane Assembly (CPA) Design for the LBNE Time Projection Chamber (TPC)	Brookhaven National Laboratory	01/01/2013	09/30/2013	180,000
Romalis, Michael V	2454191	Contract	Development of Multi-Pass Cells for an RF Magnetometer	Niitek, Inc.	02/28/2013	05/31/2013	30,344
Huse, David A	2456785	Grant	Quantum Phases of Matter in Optical Lattices	Rice University	11/15/2012	05/14/2014	184,000
Austin, Robert H	2456784	Grant	A Translational Model of Evolution of Myeloma Adhesion-Mediated Drug Resistance	H. Lee Moffitt Cancer Ctr & Rsrch Inst	07/24/2012	06/30/2014	69,522
Romalis, Michael V	2456783	Grant	Flexible Magnetoencephalography with Atomic Magnetometer Arrays	Defense Advanced Research Projects Agnc	01/01/2013	12/31/2013	500,000
Yazdani, Ali	2456782	Grant	Single Donor Spin Detection and Probing Spin - Spin Interaction in Silicon on the Atomic Scale	Army Research Office	10/01/2012	09/30/2015	621,705
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456779	Grant	Development of Low Background Sodium Iodide Scintillation Detectors for Dark Matter Research	National Science Foundation	09/15/2012	08/31/2014	403,963
Calaprice, Frank P Benziger, Jay B Galbiati, Cristiano	2456780						347,000
Bernevig, Bogdan A	2456778	Grant	Strongly Correlated Topological Insulators	Army Research Office	09/06/2012	09/09/2013	300,000
Galbiati, Cristiano	2456777	Contract	Radon Free Clean Room for DarkSide TPS Assembly	Fermi National Accelerator Laboratory	06/01/2012	05/31/2013	200,000
Galbiati, Cristiano Calaprice, Frank P Meyers, Peter D	2456774	Grant	Collaborative Research: R & D Toward DarkSide-G2, a Second-Generation Direct Search for Dark Matter	National Science Foundation	09/01/2012	08/31/2014	1,171,094
Galbiati, Cristiano Calaprice, Frank P Grandi, Luca Meyers, Peter D	2456775						1,520,000

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Pretorius, Frans	2454189	Grant	Simons Investigator - Frans Pretorius	The Simons Foundation	08/01/2012	07/31/2017	648,000
Pretorius, Frans	2454190						12,000
Ong, Nai Phuan	2456771	Grant	Acquisition of He3 Cryostat Insert for Experiments on Topological Insulators	Army Research Office	08/15/2012	08/14/2013	84,444
Staggs, Suzanne T	2456770	Grant	Developing Polarization Sensitive Detectors for Cosmic Microwave Background Research (Sara Simon)	NASA Headquarters - Washington	08/01/2012	07/31/2016	132,420
Simon, Sara M							
Marlow, Daniel R	2456751	Grant	High Energy Physics	DOE - Chicago	06/01/2012	03/31/2015	2,780,000
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						203,000
Marlow, Daniel R	2456753						29,000
Marlow, Daniel R	2456754						587,434
Marlow, Daniel R	2456755						326,610
Marlow, Daniel R	2456756						1,249,656
Marlow, Daniel R	2456757						239,300
McDonald, Kirk T	2456758						343,000
Marlow, Daniel R							
McDonald, Kirk T	2456759						30,000
Marlow, Daniel R							
Meyers, Peter D	2456762						225,339
Marlow, Daniel R							
Meyers, Peter D	2456763						19,590
Marlow, Daniel R							
Meyers, Peter D	2456764						113,512
Marlow, Daniel R							
Meyers, Peter D	2456765						31,559
Marlow, Daniel R							
Tully, Christopher	2456767						233,000
Steinhardt, Paul J	2456768						757,738
Marlow, Daniel R							

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</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 Marlow, Daniel R	2456769						74,262
Romalis, Michael V	2456750	Grant	Test of Lorentz Invariance at the South Pole	National Science Foundation	08/01/2012	07/31/2015	542,638
Romalis, Michael V	2456772						17,336
Page, Lyman A Staggs, Suzanne T	2456745	Grant	Gravitational Physics from the Cosmic Microwave Background	National Science Foundation	06/15/2012	05/31/2015	1,556,975
Page, Lyman A Staggs, Suzanne T	2456746						304,304
Page, Lyman A Staggs, Suzanne T	2456749						130,000
Page, Lyman A Staggs, Suzanne T	2456781						198,721
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	5,198,442
Jones, William C	2456747						648,366
Jones, William C	2456748						1,540,187
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 Ntl 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
Gubser, Steven S	2454187	Grant	Applications of String Theory	The Simons Foundation	09/01/2012	08/31/2013	135,845
Steinhardt, Paul J Bernevig, Bogdan A Haldane, Frederick D	2454186 3394061 3394061	Grant	Simons Fellowship in Theoretical Physics	The Simons Foundation	07/01/2012	06/30/2013	150,000

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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	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
Cao, Huajie							
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
Calaprice, Frank P	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
Benziger, Jay B							
Galbiati, Cristiano							
Calaprice, Frank P	2456717						500,892
Benziger, Jay B							
Galbiati, Cristiano							
Calaprice, Frank P	2456735						95,000
Benziger, Jay B							
Galbiati, Cristiano							
Calaprice, Frank P	2456776						4,508
Benziger, Jay B							
Galbiati, Cristiano							
McDonald, Kirk T	2456715	Contract	Univ. Subcontract - - Princeton (MAP)	Fermi National Accelerator Laboratory	09/01/2011	09/30/2013	20,000
McDonald, Kirk T	2456790						25,000
Staggs, Suzanne T	2456714	Grant	Detector Development for Polarization Studies of the Cosmic Microwave Background	NASA Headquarters - Washington	08/01/2011	07/31/2015	194,096
Grace, Emily A							

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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	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	05/31/2014	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
Callan, Curtis G	2456700	Grant	Collaborative Research: PoLS Student Research Network	National Science Foundation	10/01/2010	09/30/2014	561,099
Bialek, William							
Shaevitz, Joshua W							
Callan, Curtis G	2456701						80,001
Bialek, William							
Galbiati, Cristiano	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
Calaprice, Frank P							
Meyers, Peter D							
Galbiati, Cristiano	2456711						1,951,702
Calaprice, Frank P							
Meyers, Peter D							
Galbiati, Cristiano	2456773						1,777,456
Calaprice, Frank P							
Meyers, Peter D							
Page, Lyman A	2456698	Grant	Data Analysis and Systematic Tests for the WMAP Satellite	NASA Goddard Space Flight Center	08/03/2010	08/02/2013	350,000
Spergel, David N							
	2456698						
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	2456696	Grant	The Theoretical Physics of Biological Systems	National Science Foundation	09/01/2010	08/31/2014	900,000
Bialek, William							
Wingreen, Ned S							

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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	2456688	Grant	ACTPol: The Atacama Cosmology Telescope with Polarization.	National Science Foundation	09/15/2010	08/31/2015	5,480,165
Spergel, David N							
Staggs, Suzanne T							
Page, Lyman A	2456689						747,640
Spergel, David N							
Staggs, Suzanne T							
Page, Lyman A	2456690						2,053,333
Spergel, David N							
Staggs, Suzanne T							
Page, Lyman A	2456691						1,118,862
Spergel, David N							
Staggs, Suzanne T							
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	06/30/2014	511,455
Steinhardt, Paul J	2456684	Grant	EAGER: Hyperuniform Disordered Photonic Band Gap Materials	National Science Foundation	08/01/2010	12/31/2012	132,843
Florescu, Marian							
Romalis, Michael V	2456682	Grant	Precision Measurements with Ultra-sensitive Magnetometers and Their Fundamental Limits	National Science Foundation	07/01/2010	06/30/2014	480,000
Jones, William C	2456683	Grant	Probing Inflation and the Early Universe with Measurements of the Large Scale Polarization of the Cosmic Microwave Background Radiation	NASA Headquarters - Washington	09/01/2010	08/31/2014	90,000
Rahlin, Alexandra S							
Puchalla, Jason L	2456681	Grant	Mechanism of Protein Folding Intermediate Disaggregation by Molecular Chaperones	Texas A&M University	05/15/2010	04/30/2014	119,416
Puchalla, Jason L	2456794						68,000
Sondhi, Shivaji L	2456680	Grant	The Statistical Mechanics of Quantum Satisfiability	National Science Foundation	09/01/2010	08/31/2014	518,027
Halvo, Valerie	2456677	Grant	ARRA: Diamond Pixel Luminosity Telescopes	DOE - Chicago	04/15/2010	04/14/2015	323,644
Halvo, 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	454,553
Happer, William	2456703						32,541
Happer, William	2456742						56,467
Gregor, Thomas	2454182	Grant	Physical Constraints and Genetic Regulation in Early Embryonic Development	Searle Scholars Program	07/01/2010	06/30/2014	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

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<u>Investigator</u>	<u>Account</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	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	2,529,153
Galbiati, Cristiano Meyers, Peter D	2456678						907,907
Galbiati, Cristiano Meyers, Peter D	2456722						72,506
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 (WPAFB)	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	2,248,545
Page, Lyman A	2456632						180,154
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
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
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	07/31/2014	100,000
Petta, Jason R	2456670						600,000
Petta, Jason R	2456679						6,000
Petta, Jason R	2456739						413,500
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

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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	189,318
Marlow, Daniel R	2456607						59,031
Pretorius, Frans	2456603	Grant	Career: Numerical Exploration of Dynamical, Strong-field	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
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
Hasan, M. Zahid	2456561	Grant	Synchrotron X-ray Based Electronic Structure Study of Correlated Quantum Materials and Topological Insulators	DOE - Chicago	05/01/2005	07/31/2015	957,007
Hasan, M. Zahid	2456629						1,622,000
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	2456636						
Marlow, Daniel R	2456637						345,990
Marlow, Daniel R	2456638						198,363
Olsen, James D	2456639						114,466
Marlow, Daniel R							
Olsen, James D	2456640						36,246
Marlow, Daniel R							
Olsen, James D	2456641						240,544
Marlow, Daniel R							
Olsen, James D	2456642						40,527
Marlow, Daniel R							
Marlow, Daniel R	2456643						1,556,759
Marlow, Daniel R	2456644						174,085
Marlow, Daniel R	2456645						2,095,467
Marlow, Daniel R	2456646						409,507

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Tully, Christopher Marlow, Daniel R	2456647						176,610
Tully, Christopher Marlow, Daniel R	2456648						144,566
McDonald, Kirk T Marlow, Daniel R	2456649						889,094
McDonald, Kirk T Marlow, Daniel R	2456650						160,071
Meyers, Peter D Marlow, Daniel R	2456653						654,518
Meyers, Peter D Marlow, Daniel R	2456654						173,692
Meyers, Peter D Marlow, Daniel R	2456655						91,666
McDonald, Kirk T Marlow, Daniel R	2456657						155,660
Marlow, Daniel R Steinhardt, Paul J Marlow, Daniel R	2456658						466,442
Steinhardt, Paul J Marlow, Daniel R	2456659						2,052,924
Steinhardt, Paul J Marlow, Daniel R	2456660						70,216
Wang, Liantao Marlow, Daniel R	2456661						83,511
Halyo, Valerie Marlow, Daniel R	2456662						44,746
Smith, A. J. Marlow, Daniel R Wang, Liantao	2456692						300,000
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	627,364
Tully, Christopher Marlow, Daniel R	2454145						176,457
Marlow, Daniel R Marlow, Daniel R	2454151 2454132	Contract	US CMS Software and Computing User Facilities Sub-Project	Fermi National Accelerator Laboratory	10/01/2001	09/30/2013	0 3,962,753

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ACTIVE SPONSORED PROJECTS

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Contributions Made to Other Units :

Center for Theoretical Science

Paul J Steinhardt

Chemistry

Bogdan A Bernevig

Nai-Phuan Ong

Ali Yazdani

Electrical Engineering

William Bialek

Frederick D Haldane

Lewis-Sigler Institute for Integrative Genomics

William Bialek

Curtis G Callan

Thomas Gregor

Joshua W Shaevitz

Mathematics

Elliott H Lieb

Frans Pretorius

Michael Aizenman

Princeton Institute for Computational Science and Engineering (PICSciE)

Frans Pretorius

PRISM

Robert H Austin

Bogdan A Bernevig

Frederick D Haldane

M. Zahid Hasan

David A Huse

Nai-Phuan Ong

Jason R Petta

Paul J Steinhardt

Ali Yazdani

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Imai, Kosuke Kim, In Song	2506057	Grant	Doctoral Dissertation Research in Political Science: Open Trade for Sale: Lobbying by Productive Exporting Firms	National Science Foundation	03/15/2013	02/28/2014	22,540
Christensen, Thomas J Liff, Adam P	2504062	Grant	Constructing Power: Explaining the Strategic Choices of Rising States	Smith Richardson Foundation, Inc.	02/01/2013	02/01/2014	7,500
George, Robert P	2504061	Grant	James Madison Program in American Ideals and Institutions	Earhart Foundation	09/01/2012	06/30/2013	130,000
Mendelberg, Tali Czaja, Erica M	2506056	Grant	Doctoral Dissertation Research in Political Science: A "Revolutionary Emotion": Empathy, Public Opinion, and the March to Equality	National Science Foundation	09/01/2012	08/31/2013	22,540
Imai, Kosuke Blair, Graeme D	2506055	Grant	Doctoral Dissertation Research in Political Science: The Politics of Location in Resource Rent Distribution and the Projection of Power in Africa	National Science Foundation	08/15/2012	07/31/2014	17,640
Lerman, Amy E Sadin, Meredith L	2506054	Grant	Doctoral Dissertation Research in Political Science: Citizens' Social Class Stereotypes as a Basis for Political Reasoning	National Science Foundation	07/15/2012	06/30/2014	22,540
Gilens, Martin I	2504060	Grant	Representational Inequality and Campaign Finance Regulation in the United States	Russell Sage Foundation	07/01/2012	08/31/2014	80,053
George, Robert P	2504059	Grant	James Madison Program in American Ideals and Institutions	The Lynde and Harry Bradley Fdn., Inc.	09/04/2012	09/04/2013	65,000
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
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	The Lynde and Harry Bradley Fdn., Inc.	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	06/30/2014	94,576

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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	06/30/2014	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	LSE	01/15/2011	03/31/2013	117,116
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
George, Robert P	2504044	Grant	James Madison Program	Fidelity Charitable Gift Fund	07/01/2009	08/31/2016	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

Contributions Made to Other Units :**Ecology & 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

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Princeton Environmental Institute (PEI)

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Hedin, Lars O	3446131	Grant	Controls Regulating Biological Nitrogen Fixation in Longleaf Pine Ecosystems: The Role of Fire and Military Training	University of Georgia	04/19/2013	04/18/2014	22,220
Larson, Eric D Williams, Robert H	3446124	Contract	Technoeconomic Analysis (TEA) Subtask	Booz Allen Hamilton Inc.	08/01/2012	10/31/2013	100,000
Grenfell, Bryan T Laxminarayan, Ramanan Levin, Simon A	3446123	Contract	Disease in Motion: Integrating Epidemic and Social Dynamics in the Control of Infectious Agents	U.S. Department of Homeland Security	09/24/2012	09/23/2014	683,863
Searchinger, Timothy D	3444114	Grant	Understanding the Greenhouse Implications of Biofuels	The David and Lucile Packard	07/01/2012	06/30/2013	90,000
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	10/31/2013	104,400
Levin, Simon A Couzin, Iain D Leonard, Naomi E	3446122	Grant	Coordination and Collective Decision-making	Army Research Office	08/17/2011	08/16/2014	360,000
Williams, Robert H Larson, Eric D	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
Pacala, Stephen W Hedin, Lars O	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
Laxminarayan, Ramanan	3444101	Grant	The Economic Impact of Foundation Giving	Robert Wood Johnson Foundation	12/15/2010	12/14/2013	800,000
Morel-Kraepiel, Anne M Morel, Francois	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	08/31/2014	338,809
Levin, Simon A	3446108	Grant	Towards a Science of Sustainability	National Science Foundation	12/01/2009	11/30/2013	119,227
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 Key, Robert M	3436178	Cooperative Agreement	Cooperative Institute for Climate Science - <i>cont from AOS</i>	U.S. DOC - Natl Oceanic & Atmos Admin	07/01/2008	06/30/2018	0
Galbraith, Eric D	3446094						131,312
Hedin, Lars O	3446095						200,536
Henson, Stephanie Sarmiento, Jorge L	3446096						29,260
Vanmarcke, Erik	3446098						83,730
Smith, James A	3446099						252,327
Ward, Bess B	3446100						149,416
Sarmiento, Jorge L	3446109						20,930

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Princeton Environmental Institute (PEI) (2)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Sarmiento, Jorge L	3446110		<i>Continued from Above</i>				48,799
Sarmiento, Jorge L	3446111						215,247
Levin, Simon A	3446115						146,907
Sarmiento, Jorge L	3446116						35,484
Sarmiento, Jorge L	3446117						140,158
Sarmiento, Jorge L	3446118						159,654
Medvigy, David M	3446119						216,850
Simons, Frederik J	3446125						58,088
Fueglistaler, Stephan A	3446126						52,091
Smits, Alexander J	3446127						69,625
Bou-Zeid, Elie R							
Key, Robert M	3446128						46,712
Sarmiento, Jorge L	3446129						76,085
Pacala, Stephen W	3444002	Contract	A Carbon Mitigation Initiative at Princeton University	BP International Limited	10/01/2000	12/31/2015	173,718
Socolow, Robert H							
Pacala, Stephen W	3444003						2,281,379
Socolow, Robert H							
Pacala, Stephen W	3444004						1,059,439
Celia, Michael A	3444005						1,404,262
Socolow, Robert H	3444006						1,722,843
Pacala, Stephen W	3444020						787,081
Socolow, Robert H							
Socolow, Robert H	3444028						1,321,000
Pacala, Stephen W							
Celia, Michael A	3444029						971,430
Socolow, Robert H							
Pacala, Stephen W	3444030						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 W	3444035						454,048
Socolow, Robert H							
Bender, Michael L	3444033						267,177

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

Princeton Environmental Institute (PEI) (3)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Pacala, Stephen W	3444037	Contract	<i>Continued from above</i>	BP International Limited	10/01/2000	12/31/2015	1,620,000
Socolow, Robert H							
Socolow, Robert H	3444042						605,000
Socolow, Robert H	3444045						1,320,000
Scherer, George W	3444044						541,670
Celia, Michael A	3444043						46,143
Celia, Michael A	3444041						62,616
Celia, Michael A	3444040						100,000
Scherer, George W	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 W	3444061						214,498
Socolow, Robert H							
Williams, Robert H	3444064						40,848
Williams, Robert H	3444065						34,152
Pacala, Stephen W	3444068						20,000
Socolow, Robert H							
Pacala, Stephen W	3444069						110,384
Socolow, Robert H							
Pacala, Stephen W	3444070						10
Socolow, Robert H							
Morel, Francois	3444073						180,000
Arnold, Craig B	3444074						75,000
Arnold, Craig B	3444075						131,176
Sarmiento, Jorge L	3444077						299,926
Sarmiento, Jorge L	3444078						554,931
Debenedetti, Pablo	3444079						107,588
Debenedetti, Pablo	3444080						217,412
Socolow, Robert H	3444082						71,662
Pacala, Stephen W							
Socolow, Robert H	3444083						110,000
Pacala, Stephen W							

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

Princeton Environmental Institute (PEI) (4)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Pacala, Stephen W	3444085	Contract	<i>Continued from above</i>	BP International Limited	10/01/2000	12/31/2015	3,774,540
Socolow, Robert H	3444085						
Pacala, Stephen W	3444086						35,542
Socolow, Robert H							
Williams, Robert H	3444088						275,000
Socolow, Robert H	3444089						750,000
Celia, Michael A	3444090						275,000
Prevost, Jean-	3444091						165,739
Prevost, Jean-	3444092						151,811
Pacala, Stephen W	3444093						300,000
Morel, Francois	3444094						60,000
Sarmiento, Jorge L	3444095						300,000
Debenedetti, Pablo	3444096						125,000
Arnold, Craig B	3444097						193,824
Bender, Michael L	3444098						125,000
Pacala, Stephen W	3444099						1,011,428
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
Medvigy, David M	3444109						50,000
Glaser, Alexander	3444110						200,000
Pacala, Stephen W	3444113						10,000
Socolow, Robert H							
Pacala, Stephen W	3444115						22,540
Socolow, Robert H							
Pacala, Stephen W	3444116						175,370
Socolow, Robert H							
Pacala, Stephen W	3444117						10,000
Socolow, Robert H							

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Princeton Institute for Computational Science and Engineering (PICSciE)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Hillegas, Curtis W Carter, Emily A Pretorius, Frans Spitkovsky, Anatoly Wood, Eric F	3486006	Grant	MRI: Acquisition of a Shared Parallel High Performance Storage System to Enable Computational Science and	National Science Foundation	10/01/2012	09/30/2015	525,000
August, David I Couzin, Iain D Stone, James M Tromp, Jeroen	3486005	Grant	II-New: A Platform for Data-Parallel GPU Computing at Princeton	National Science Foundation	09/01/2012	08/31/2015	350,000
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 Sciences	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
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

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

Princeton Institute for International and Regional Studies (PIIRS)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
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

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Kastner, Sabine Fiebelkorn, Ian C	3496040	Grant	Neural Correlates of Spatial and Object-based Selection	NIH NEI	06/01/2013	05/31/2016	161,802
Kastner, Sabine Kim, Jiye G	3496039	Grant	Top-down and Bottom-up Processes of Scene Categorization	NIH NEI	01/01/2013	12/31/2014	101,404
Hasson, Uri	3496038	Grant	A Cognitive Capture System for Tracking and Modeling Neural Synchrony	Neuromatters, LLC	10/09/2012	10/08/2013	266,666
Niv, Yael	3494016	Grant	The Striatal Cholinergic System and Attention for Learning: from Neurotransmission to Personality	Human Frontier Science Prog Org (HFSPO)	10/01/2012	09/30/2015	450,000
Botvinick, Matthew M Niv, Yael	3496037	Grant	CRCNS: Collaborative Research: Neural Correlates of Hierarchical Reinforcement Learning	National Science Foundation	10/01/2012	09/30/2015	564,649
Cohen, Jonathan D	3494010	Grant	Toward a Scientific Understanding of the Human Capacity for Cognitive Control	The John Templeton Foundation	08/01/2012	07/31/2015	3,271,944
Botvinick, Matthew M	3494011						142,830
Niv, Yael	3494012						142,830
Norman, Kenneth	3494013						142,830
Cohen, Jonathan D	3494014						142,830
Cohen, Jonathan D	3494015						142,830
Botvinick, Matthew M	3496035	Grant	The Intrinsic Cost of Cognitive Control: Neural Foundations and Implications for Decision Making	NIH NIMH	09/18/2012	07/31/2015	1,074,408
Niv, Yael	3496034	Grant	Neural and Computational Mechanisms of Selective Attention in Experience-Based Decision Making	NIH NIMH	09/18/2012	07/31/2015	1,077,674
Kastner, Sabine	3496036	Grant	Functions of the Thalamus in Perception and Cognition	NIH NEI	09/01/2012	08/31/2016	1,732,292
Cohen, Jonathan D Lee, Ray F Li, Kai Norman, Kenneth A Turk-Browne, Nicholas B	3496033	Grant	MRI: Acquisition of High Performance Compute Cluster for Multivariate Real-time and Whole-brain Correlation Analysis of fMRI Data	National Science Foundation	08/15/2012	07/31/2015	527,978
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	Natl Oper Comm on Stds for Athl Equip	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

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Turk-Browne, Nicholas B Hutchinson, J. Benjamin	3496032	Grant	Guidance of Attention from Plasticity in Ventral Visual Cortex	NIH NEI	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	9,375
Turk-Browne, Nicholas B	3496030	Grant	Neural and Behavioral Interactions Between Attention, Perception, and Learning	NIH NEI	08/01/2011	07/31/2016	1,765,975
Kastner, Sabine Pinsk, Mark A	3496029	Grant	Cortical Lesion Effects on White Matter Connectivity: Diffusion Tensor Imaging of the Macaque	NJ Dept of Health and Senior Services	06/01/2011	05/31/2014	179,994
Hasson, Uri	3496028	Grant	Topographic Mapping of a Hierarchy of Temporal Receptive Windows Using Natural Stimuli	NIH NIMH	07/07/2011	03/31/2016	1,962,260
Niv, Yael	3496027	Grant	How We Learn What is Relevant to a Decision: fMRI Investigations of the Interaction Between Representation Learning and Reward Learning	NIH NIDA	03/01/2011	02/28/2013	241,500
Murthy, Mala	3496041						6,000
Todorov, Alexander T	3494006	Grant	The Neural Basis of Selfish and Selfless Social Goals	University of Pennsylvania	10/01/2010	01/31/2013	179,731
Kastner, Sabine	3496026	Grant	Representation of Object Information in the Primate Visual System	National Science Foundation	10/01/2010	09/30/2013	681,000
Kastner, Sabine Saalmann, Yuri B	3496025	Grant	Attentional Functions of the Pulvinar	NIH NEI	08/01/2010	03/31/2013	434,700
Osherson, Daniel N	3496024	Grant	Longitudinal Assessment of Brain Structure and Function in Sports-Related Concussion	NJ Commission on Brain Injury	06/01/2010	05/31/2013	474,780
Niv, Yael	3494004	Grant	Alfred P. Sloan Research Fellowship - Yael Niv	Alfred P. Sloan Foundation	09/15/2010	09/15/2014	50,000
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
Norman, Kenneth A	3496021	Grant	Computational Neural and Behavioral Studies of Competition-Dependent Learning	NIH NIMH	08/07/2009	05/31/2014	1,919,357
Cohen, Jonathan D	3496008	Grant	NRSA Training Grant in Quantitative Neuroscience	NIH NIMH	08/01/2008	07/31/2013	0
Cohen, Jonathan D	3496012						403,823
Cohen, Jonathan D	3496013						388,415
Todorov, Alexander T	3496007	Grant	Neural systems for face evaluation	National Science Foundation	09/01/2008	08/31/2012	549,951
Kastner, Sabine	3476064	Grant	Neural Basis of Visual Attention	NIH NIMH	01/18/2008	12/31/2013	1,745,194
Botvinick, Matthew M	3476061	Grant	Investigating language with Multi-Voxel Pattern Analysis	NIH NINDS	06/15/2007	02/28/2014	1,659,353
Kastner, Sabine	3476058	Grant	Functions of the Thalamus in Perception and Cognition	NIH NEI	04/01/2007	08/31/2012	1,817,329
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

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Tank, David W	3496000	Grant	Training Program in Quantitative and Computational Neuroscience	National Institutes of Health	09/30/2006	07/31/2012	814,254
Cohen, Jonathan D							
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

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Ellis, Robert A	3954128	Contract	WFO POSTECH Agreement	Pohang Univ of Science and Technology	03/12/2013	09/11/2013	0*
Cohen, Samuel A	3956532	Contract	WFO Agreement	SRI International	03/01/2013	02/28/2016	0*
Goldston, Robert J	3956531	Contract	PU PPPL WFO Agreement	Princeton University	01/21/2013	09/29/2013	0*
Neilson, George H	3954127	Contract	WFO Agreement	National Fusion Research Institute	12/20/2012	08/19/2013	0*
Raitses, Yevgeny	3954126	Contract	WFO Agreement	Lockheed Martin Corporation	12/04/2012	10/03/2013	0*
Prager, Stewart C	3954125	Contract	WFO Agreement	Corning Incorporated	10/17/2012	01/16/2013	0*
Roquemore, A. L	3954124	Contract	WFO Agreement	Tri Alpha Energy	10/09/2012	11/08/2013	0*
Fisch, Nathaniel J	3954123	Contract	WFO Agreement	Alameda Applied Sciences Corporation	08/20/2012	12/31/2012	0*
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 (ASI)	11/21/2011	12/21/2013	0*
Prager, Stewart C	3954117	Contract	DOE Work for Others	The Pennsylvania State University	06/22/2011	01/31/2014	0*
Jardin, Stephen C	3954115	Contract	DOE Work for Others	ITER Organization	03/17/2011	03/16/2014	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*
Gentile, Charles A	3956529	Contract	Miniature Integrated Nuclear Detection System (MINDS)	InSitech, Inc.	05/21/2008	12/31/2012	0*
Meixler, Lewis D			Research & Development				
Bleach, Anthony F	3956001	Contract	Plasma Physics Laboratory	DOE - Chicago	07/01/1987	12/31/2999	0*
Kim, Eun-Hwa							
Yamada, Masaaki							
Prager, Stewart C	3956002						0*
Bleach, Anthony F							
Prager, Stewart C	3956003						0*
Bleach, Anthony F							
Cheng, Chio Z							
Davidson, Ronald C							
Ellis, Robert A							
Fisch, Nathaniel J							
Gentile, Charles A							
Hammett, Gregory W							
Ji, Hantao							

* 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

7/1/2012 - 6/30/2013

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

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

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Lyon, Stephen A Tyrshkin, Alexei M	3396559	Grant	Spin Coherence in Silicon-based Quantum Structures and Devices	Army Research Office	06/01/2013	05/31/2014	605,918
Sturm, James C Austin, Robert H	3396557	Grant	Microfluidic Processing of Leukocytes for Molecular Diagnostics Testing	GPB Scientific, LLC	09/24/2012	08/31/2013	73,559
Law, Chung K	3396558	Grant	Princeton-CEFRC Summer School on Combustion	National Science Foundation	06/01/2013	11/30/2013	10,000
Sturm, James C Pfeiffer, Loren N	3396556	Grant	High Quality Silicon Based Heterostructures for Quantum Computing	HRL Laboratories, LLC	01/01/2013	09/30/2013	290,510
Gmachl, Claire F	3396555	Grant	Planning Grant: I/UCRC for Mid-Infrared Medical Systems (MIMES)	National Science Foundation	02/15/2013	01/31/2014	16,330
Pfeiffer, Loren N	3396554	Contract	Passively-Cooled, Near Quantum-Limited Heterodyne Detector for Space Applications including High Resolution Planetary and Cometary Spectroscopy	Cal Tech - Jet Propulsion Lab (JPL)	01/05/2013	09/29/2013	30,000
McAlpine, Michael C	3396550	Grant	STTR -Phase I - Strain-Modulated Diamond Nanostructures for Next-Generation, Biocompatible Nanoelectromechanical Systems	Advanced Diamond Technologies, Inc.	09/26/2012	03/31/2013	50,000
Sturm, James C Austin, Robert H	3396548	Grant	STTR: High Efficiency Microfluidic Purification of Stem Cells to Improve Transplants	GPB Scientific, LLC	08/01/2012	04/30/2014	73,233
Car, Roberto E, Weinan	3396535	Grant	Advanced Modeling of Ions in Solutions, on Surfaces, and in Biological Environments	DOE - Washington	09/01/2012	08/31/2017	1,258,946
E, Weinan	3396536						118,597
McAlpine, Michael C	3396533	Grant	DURIP: Buckled Piezoelectric Nanoribbons: Morphology, Nanomechanics, and Flexoelectricity	Army Research Office	08/20/2012	08/19/2013	150,000
Prucnal, Paul R	3396534	Contract	Optical Cancellation of Broadband Radio Frequency	Battelle - Chapel Hill Operations	08/02/2012	09/30/2013	450,000
Law, Chung K	3396532	Grant	Summer Conference	National Science Foundation	08/01/2012	01/31/2013	10,000
Petta, Jason R	3396531	Grant	Hybrid Circuit Quantum Electrodynamics: Coupling a Single Silicon Spin Qubit to a Photon	Air Force Research Laboratory (Rome)	09/06/2012	09/05/2014	643,652
Arnold, Craig B	3396530	Grant	3-D Additive Multiscale Manufacturing Using Near-Field Ultrafast Laser Processing	National Science Foundation	09/01/2012	08/31/2015	409,998
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	347,046
Selloni, Annabella Ong, Nai Phuan	3396528						77,550
Priestley, Rodney D	3394066	Grant	American Chemical Society Project SEED 2012-Summer 1	American Chemical Society	06/01/2012	05/31/2013	3,000
Verma, Naveen Sturm, James C Wagner, Sigurd	3396524	Grant	SHF: Small: Analytical Modeling and Design Methodology for Large-scale Computational Systems Employing Flexible Electronics for Extensive Physical Interfacing	National Science Foundation	07/01/2012	06/30/2015	160,539

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ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Sturm, James C Verma, Naveen Wagner, Sigurd	3396525		<i>Continued from Above</i>				143,636
Wagner, Sigurd Sturm, James C Verma, Naveen	3396526						145,825
McAlpine, Michael C	3396523	Grant	Piezoelectric Nanoribbons for Interfaced Cellular Nanomechanics	Defense Advanced Research Projects Agnc	07/01/2012	06/30/2014	300,000
McAlpine, Michael C Semmelhack, 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
Semmelhack, Martin F	3396521						50,000
Stone, Howard A	3396522						50,000
Torquato, Salvatore	3396517	Grant	Particle Packing Problems	National Science Foundation	08/01/2012	07/31/2015	303,000
Law, Chung K	3396516	Grant	2012 Princeton-CEFRC Summer Conference	Army Research Office	05/07/2012	11/06/2012	10,000
Verma, Naveen	3396515	Grant	Combining Large-area Electronics with High-performance Computation for Scalable Ambient Intelligence	National Science Foundation	07/01/2012	06/30/2015	120,086
Sturm, James C Verma, Naveen	3396518						119,997
Wagner, Sigurd Verma, Naveen	3396519						119,917
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	116,250
Haataja, Mikko P Benziger, Jay B	3396514						203,750
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 Pfeiffer, Loren N	3394061	Grant	Wavefunction Engineering for a Topological Quantum	Keck Foundation (The W. M.)	12/15/2011	12/14/2014	490,672
Pfeiffer, Loren N Shayegan, Mansour	3394062						180,000
Bernevig, Bogdan Shayegan, Mansour	3394063						180,000
Haldane, Frederick Shayegan, Mansour	3394064						150,000

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Steinberg, Daniel J	3396508	Grant	NISE Network Mini Grant	Nanoscale Informal Science Education	12/01/2011	12/31/2012	3,000
Lyon, Stephen A	3396504	Contract	Donor Spin Qubit Devices in Silicon	Lawrence Berkeley National Laboratory	04/21/2011	02/28/2013	317,738
Tyryshkin, Alexei M							
Sturm, James C	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							
Schwartz, Jeffrey							
Wagner, Sigurd							
Kahn, Antoine	3396506						103,276
Sturm, James C							
Schwartz, Jeffrey	3396507						82,195
Sturm, James C							
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 Complex	10/10/2011	12/31/2013	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	08/31/2013	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	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
Lyon, Stephen A							
Ong, Nai Phuan							
Pfeiffer, Loren N							
Wysocki, Gerard	3396497	Grant	ERC - Small Business: Remote Chemical Sensing Instrumentation Based on Chirped Laser Dispersion Spectroscopy	National Science Foundation	09/15/2011	02/28/2014	200,000
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	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
Tyryshkin, Alexei M							
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
Priestley, Rodney D	3394058	Grant	American Chemical Society Project SEED 2011-Summer 1	American Chemical Society	06/01/2011	08/31/2012	3,500

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Petta, Jason R	3396460	Contract	Targeted Research - Few-electron Si/SiGe Double Quantum Dots	HRL Laboratories, LLC	06/20/2011	09/30/2014	1,412,820
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						291,715
Yazdani, Ali	3396456						600,066
Yazdani, Ali	3396457						309,998
Yazdani, Ali	3396458						619,965
Yazdani, Ali	3396529						1,060,360
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	2,526,461
Sturm, James C	3396449						193,327
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	600,000
Houck, Andrew A	3396512						400,000
Pfeiffer, Loren N	3394055	Grant	Growth of High-Purity Gallium Arsenide	Gordon and Betty Moore Foundation	11/14/2010	12/31/2013	2,216,193
Pfeiffer, Loren N	3396443	Grant	Study of Quantum Hall Liquids Using Single Electron	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 (Budget Revision)	DOE - Chicago	09/01/2010	08/31/2014	935,000
Car, Roberto	3396501						25,000
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	Intl Business Machines Corp. (IBM)	07/01/2010	11/30/2014	1,759,808

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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	99,645
Houck, Andrew A	3396423	Grant	Scanned Probe Cavity Quantum Electrodynamics	Space and Naval Warfare Systems Command	06/17/2010	06/16/2013	299,958
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	279,980
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	12/31/2013	504,302
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
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	NIH NCI	09/28/2009	07/31/2014	2,857,736
Sturm, James C							
Torquato, Salvatore							
Sturm, James C	3396333						308,110
Austin, Robert H	3396334						15,261
Austin, Robert H	3396335						79,681
Austin, Robert H	3396336						72,866

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Nelson, Celeste M	3396337	Cooperative Agreement	<i>Continued from Above</i>	NIH NCI	09/28/2009	07/31/2014	43,560
Austin, Robert H							
Austin, Robert H	3396338						109,510
Austin, Robert H	3396339						92,750
Austin, Robert H	3396340						69,057
Austin, Robert H	3396341						84,307
Austin, Robert H	3396343						169,264
Austin, Robert H	3396344						115,250
Austin, Robert H	3396345						92,846
Austin, Robert H	3396346						111,633
Austin, Robert H	3396347						38,471
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

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Sturm, James C	3396382	Cooperative Agreement	<i>Continued from Above</i>	NIH NCI	09/28/2009	07/31/2014	102,489
Sturm, James C	3396383						101,759
Austin, Robert H	3396384						703,791
Austin, Robert H	3396385						660,512
Austin, Robert H	3396471						181,762
Austin, Robert H	3396472						52,002
Austin, Robert H	3396473						133,484
Austin, Robert H	3396474						210,237
Austin, Robert H	3396475						186,514
Austin, Robert H	3396476						91,425
Sturm, James C	3396477						75,457
Sturm, James C	3396478						250,619
Austin, Robert H	3396479						179,072
Austin, Robert H	3396480						80,045
Austin, Robert H	3396481						159,294
Austin, Robert H	3396482						148,214
Austin, Robert H	3396483						148,828
Austin, Robert H	3396484						80,108
Sturm, James C	3396485						150,052
Sturm, James C	3396486						340,193
Austin, Robert H	3396505						31,075
Austin, Robert H	3396538						7,677
Austin, Robert H	3396539						212,238
Sturm, James C							
Torquato, Salvatore							
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 Epitaxy Apparatus for Growth of Two Dimensional Electron Gas Systems with Mobility of 100,000,000 cm ² /Vs	National Science Foundation	10/01/2009	06/30/2014	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 AIAs Quantum Wells: Fabrication and Physics	National Science Foundation	08/15/2009	01/31/2014	610,000

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Law, Chung K Carter, Emily A Dryer, Frederick L Ju, Yiguang	1506075	Grant	Energy Frontier Research Center for Combustion Science:	DOE - Washington	08/01/2009	07/31/2014	0
Carter, Emily A	1506076						63,896
Law, Chung K	1506080						929,721
Law, Chung K	1506081						697,430
Law, Chung K	1506082						1,045,340
Law, Chung K	1506083						886,512
Law, Chung K	1506094						1,215,250
Law, Chung K	1506085						915,250
Law, Chung K	1506086						1,044,050
Law, Chung K Carter, Emily A Dryer, Frederick L Ju, Yiguang	3396401						1,442,889
Carter, Emily A	3396402						836,104
Law, Chung K							
Ju, Yiguang Law, Chung K	3396403						815,318
Dryer, Frederick L Law, Chung K	3396404						732,269
Law, Chung K	3396405						895,749
Law, Chung K	3396406						305,295
Law, Chung K	3396407						2,066,437
Law, Chung K	3396408						1,408,373
Law, Chung K	3396410						145,001
Law, Chung K	3396411						240,250
Law, Chung K	3396414						210,250
Law, Chung K	3396415						180,000
Law, Chung K	3396421						461,363
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

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Miles, Richard B Rabitz, Herschel A	3396510		<i>Continued from Above</i>				212,500
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 Agnc	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	3,300,000
Ong, Nai Phuan	3396206						854,450
Steinberg, Daniel J	3396207						1,049,540
Steinberg, Daniel J	3396208						140,460
Novembre,	3396209						260,833
Ong, Nai Phuan	3396210						1,837,000
Ong, Nai Phuan	3396211						83,000
Ong, Nai Phuan	3396213						833,333
Ong, Nai Phuan	3396214						100,000
Cava, Robert J	3396215						34,433
Cava, Robert J	3396216						521,700
Haldane, Frederick	3396217						152,000
Hasan, M. Zahid	3396218						501,700
Huse, David A	3396219						60,000
Ong, Nai Phuan	3396220						596,450
Petta, Jason R	3396221						367,950
Tsui, Daniel C	3396222						65,000
Yazdani, Ali	3396223						501,700
Ong, Nai Phuan	3396224						25,000
Bernevig, Bogdan	3396225						92,000
Ong, Nai Phuan	3396226						87,000
Kahn, Antoine	3396230						28,051
Arnold, Craig B	3396231						347,812
Kahn, Antoine	3396233						373,812

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Loo, Lynn	3396234	Cooperative	<i>Continued from Above</i>	National Science Foundation	09/01/2008	08/31/2014	372,815
Schwartz, Jeffrey	3396235	Agreement					347,812
Selloni, Annabella	3396236						162,000
Soboyejo, Winston	3396237						245,078
Soos, Zoltan G	3396238						270,000
Sturm, James C	3396239						347,812
Ong, Nai Phuan	3396240						248,000
Priestley, Rodney	3396241						99,700
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						332,500
Register, Richard	3396250						530,000
Russel, William B	3396251						130,000
Priestley, Rodney	3396252						50,000
Yazdani, Ali	3396257						41,452
Bhatt, Ravindra N	3396258						76,009
Gmachl, Claire F	3396260						86,050
Lyon, Stephen A	3396261						306,400
Petta, Jason R	3396262						499,802
Shayegan,	3396263						373,250
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
Gmachl, Claire F	3396273						105,500
Benziger, Jay B	3396275						52,500
Houck, Andrew A	3396277						45,500
Link, A. James	3396279						43,000
Priestley, Rodney	3396281						77,000

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Priestley, Rodney Ong, Nai Phuan	3396282	Cooperative Agreement	<i>Continued from Above</i>	National Science Foundation	09/01/2008	08/31/2014	44,500
Brynildsen, Mark P Ong, Nai Phuan	3396283						26,000
Tureci, Hakan E Ong, Nai Phuan	3396284						26,000
Verma, Naveen Ong, Nai Phuan	3396285						26,000
Sturm, James C	3396286						60,000
Priestley, Rodney	3396287						30,000
Stone, Howard A	3396288						30,000
Sturm, James C	3396289						30,000
Chan, Garnet K	3396290						30,000
Ong, Nai Phuan	3396330						30,000
Ong, Nai Phuan Yao, Nan	3396436						77,000
Ong, Nai Phuan	3396437						93,000
Shayegan, Mansour	3396145	Grant	Transport in Spin-Split Two-Dimensional Systems	DOE - Germantown	11/15/2006	11/14/2015	1,539,000
Selloni, Annabella Car, Roberto	3396124	Grant	Theoretical Research Program on Bio-inspired Inorganic Hydrogen Generating Catalysts and Electrodes	DOE - Washington	09/15/2006	03/14/2013	675,000
Selloni, Annabella Car, Roberto	3396398						675,000
Gmachl, Claire F	3396104	Cooperative Agreement	Mid-Infrared Technologies for Health and the Environment (MIRTHE)	National Science Foundation	05/01/2006	04/30/2016	1,070,226
Gmachl, Claire F	3396105						1,289,421
Gmachl, Claire F	3396106						931,837
Gmachl, Claire F	3396107						348,487
Gmachl, Claire F	3396108						175,210
Gmachl, Claire F	3396109						586,131
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						446,785
Smith, James A	3396115						383,781

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Smith, James A	3396116	Cooperative	MIRTH <i>Continued from Above</i>	National Science Foundation	05/01/2006	04/30/2016	100,000
Gmachl, Claire F	3396117	Agreement					64,126
Gmachl, Claire F	3396118						473,236
Gmachl, Claire F	3396119						1,050,055
Montemarano, Joseph X	3396120						165,009
Gmachl, Claire F	3396128						66,404
Gmachl, Claire F	3396151						306,528
Gmachl, Claire F	3396152						1,009,632
Gmachl, Claire F	3396153						107,008
Gmachl, Claire F	3396154						479,333
Gmachl, Claire F	3396155						232,979
Gmachl, Claire F	3396157						2,651,316
Gmachl, Claire F	3396158						1,111,317
Gmachl, Claire F	3396159						727,740
Gmachl, Claire F	3396161						527,203
Gmachl, Claire F	3396162						259,463
Gmachl, Claire F	3396163						413,860
Gmachl, Claire F	3396164						424,718
Gmachl, Claire F	3396165						211,273
Gmachl, Claire F	3396166						276,546
Gmachl, Claire F	3396167						293,269
Gmachl, Claire F	3396168						508,398
Smith, James A	3396170						388,547
Smith, James A	3396171						559,961
Smith, James A	3396172						68,345
Smith, James A	3396173						473,841
Smith, James A	3396174						737,155
Smith, James A	3396175						175,037
Smith, James A	3396176						80,563
Gmachl, Claire F	3396177						452,508
Gmachl, Claire F	3396178						412,368
Gmachl, Claire F	3396190						333,111
Smith, James A	3396192						438,400
Gmachl, Claire F	3396197						638,211

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<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Gmachl, Claire F	3396198	Cooperative Agreement	MIRTH <i>Continued from Above</i>	National Science Foundation	05/01/2006	04/30/2016	582,817
Gmachl, Claire F	3396201						543,282
Gmachl, Claire F	3396301						408,592
Gmachl, Claire F	3396302						134,268
Gmachl, Claire F	3396303						366,733
Gmachl, Claire F	3396304						352,453
Gmachl, Claire F	3396305						281,152
Gmachl, Claire F	3396327						110,000
Gmachl, Claire F	3396424						92,962
Gmachl, Claire F	3396425						334,906
Gmachl, Claire F	3396438						64,905
Gmachl, Claire F	3396439						200,000
Gmachl, Claire F	3396465						69,826
Gmachl, Claire F	3396466						270,324
Gmachl, Claire F	3396467						241,787
Gmachl, Claire F	3396540						804,225
Gmachl, Claire F	3396541						221,283
Gmachl, Claire F	3396542						650,261
Gmachl, Claire F	3396543						435,143
Gmachl, Claire F	3396544						841,857
Gmachl, Claire F	3396545						359,465
Gmachl, Claire F	3396546						175,983
Gmachl, Claire F	3396547						179,342
Zondlo, Mark A	3396551						15,932
Zondlo, Mark A	3396552						42,014
Gmachl, Claire F	3396553						50,000
Gmachl, Claire F	3396561						42,750
Car, Roberto	3396073	Grant	Density Functional Theory with Dissipation: Transport through Single Molecules	DOE - Chicago	05/01/2005	04/30/2014	614,999
Car, Roberto	3396464						315,000
Torquato, Salvatore	3396003	Grant	Optimizing Interacting Potentials to Form Targeted Material Structures	DOE - Germantown	01/01/2004	12/31/2013	478,996
Torquato, Salvatore	3396316						640,004
Prucnal, Paul R	3414126	Contract	Ultrafast All-Optical Route	Ultra Fast Optical Systems, Inc.	07/01/2000	06/30/2015	631,865

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Conway, Andrew R	2556653	Grant	Dual Mechanisms of Cognitive Control	Washington University	06/05/2013	03/31/2014	144,642
Pronin, Emily	2554200	Grant	Intellectual Humility and the Bias Blind Spot	Fuller Theological Seminary	04/25/2013	06/10/2015	200,787
Paluck, Elizabeth L Prentice, Deborah A	2554199	Grant	Individual versus Norm-Based Aspects of Women's Financial Independence: Assessing Consequences for Gender-Based Violence Through a Randomized Controlled Trial in Colombia	Vanguard Charitable Endowment Program	11/01/2012	06/30/2015	959,536
Conway, Andrew R	2556651	Grant	" Doctoral Dissertation Research" A Novel Approach to Investigate Psychological Processes in Language: Contrasting Bilinguals and Interpreters	National Science Foundation	02/15/2013	01/31/2015	14,139
Fiske, Susan T	2556650	Grant	Mapping Groups across Societies: Generating Comparative Data	University of Texas at El Paso	09/24/2012	10/31/2013	100,000
Paluck, Elizabeth L	2554198	Grant	Shifting a Climate of Conflict: A Multi-school Social Network Field Experiment Testing the Malleability of Student-perceived Norms and School Climate	Russell Sage Foundation	10/01/2012	07/31/2013	34,999
Dunham, Yarrow	2554197	Grant	Gratitude in Development: Cognitive, Affective, and Normative Dimensions	University of California at Berkeley	09/01/2012	07/31/2013	99,846
Witten, Ilana B	2556649	Grant	Therapeutic Plasticity: A Novel Paradigm for Treating	NIH NIDA	09/30/2012	08/31/2017	2,415,000
Turk-Browne, Nicholas B	2554196	Grant	Relationship Between Numerical and Statistical Processes in Normal Cognition and Dyscalculia	U.S.-Israel Binational Science Fdn.	09/01/2012	08/31/2014	60,000
Shafir, Eldar	2554194	Grant	Social Interactions, Identity and Well-Being Program	Canadian Institute for Advanced Research	07/01/2011	06/30/2014	75,000
Paluck, Elizabeth L	2554193	Grant	Social Interactions, Identity and Well-Being	Canadian Institute for Advanced Research	07/01/2011	06/30/2014	62,500
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	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	NIH NINDS	06/01/2011	05/31/2014	442,729
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	02/01/2013	104,243
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
Gould, Elizabeth	2556643	Grant	Reward, Stress and Hippocampal-Prefrontal Cortex Circuitry	NIH NIMH	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
Shafir, Eldar	2556640	Grant	The Psychology of Scarcity: ts behavioral causes and consequences	National Science Foundation	09/15/2009	08/31/2013	480,000

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Darley, John M	2554182	Contract	Law Firm Culture Project	The Law School Admission Council, Inc.	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	455,626
Shelton, J. N	2556635	Grant	Interracial Interactions over Time: Problems and Solutions	National Science Foundation	09/01/2008	08/31/2012	482,749
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	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	285,877
Ghazanfar, Asif A	2556627	Grant	Multisensory Integration of Faces and Voices in the Primate Temporal Lobe	NIH NINDS	07/01/2007	06/30/2013	1,669,706

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

Kenneth A Norman

Dean of the Faculty

Joan S Girgus

Princeton Neuroscience Institute

Matthew M Botvinick

Jonathan D Cohen

Uri Hasson

Sabine Kastner

Yael Niv

Kenneth A Norman

Daniel N. Osherson

Alexander T Todorov

Nicolas B Turk-Browne

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7/1/2012 - 6/30/2013

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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

Contributions Made to Other Units :

Dean of Religious Life

Jeffrey L Stout

East Asian Studies Program

Stephen F. Teiser

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7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
Vertesi, Janet A	2754082	Grant	Digital STS Workshop	Alfred P. Sloan Foundation	09/01/2012	09/01/2013	6,000
Scheppele, Kim L Kaiksow, Sarah	2756089	Grant	Doctoral Dissertation Research: Democratic Participation in Non-Democracies? Mobilizing International Legal Regimes for National Reform in Three Monarchies	National Science Foundation	09/01/2012	08/31/2014	24,850
Scheppele, Kim L Levy, Karen E	2756088	Grant	Doctoral Dissertation Research: The Automation of Compliance: Techno-Legal Regulation in the United States Trucking Industry	National Science Foundation	09/01/2012	08/31/2014	11,327
Portes, Alejandro	2754081	Contract	Values, Institutional Quality, and Development	Francisco Manuel dos Santos	06/01/2012	07/31/2014	352,420
Portes, Alejandro	2754080	Grant	Transnational Immigrant Organizations and Development	Russell Sage Foundation	03/01/2012	08/31/2012	23,480
Pager, Devah Pedulla, David S	2756087	Grant	Doctoral Dissertation Research: The Impacts of Underemployment in the New Economy	National Science Foundation	04/01/2012	03/31/2013	9,800
Massey, Douglas S Varner, Charles E	2756086	Grant	Doctoral Dissertation Research: State Variation in Taxation Policies	National Science Foundation	12/15/2011	11/30/2013	7,900
Portes, Alejandro	2754079	Grant	The Second Generation in Spain: A Longitudinal Study	The Spencer Foundation	08/01/2011	07/31/2014	284,025
Rozman, Gilbert F Yoon, Sharon J	2756085	Grant	Doctoral Dissertation Research: Entrepreneurship and Mobility in Immigrant Enclaves	National Science Foundation	08/01/2011	07/31/2012	8,890
Duneier, Mitchell Murphy, Alexandra K	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	9,599
Scheppele, Kim L Berda, Yael	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
Portes, Alejandro	2754077	Grant	Transnational Immigrant Organizations, Political Incorporation, and Development	Russell Sage Foundation	06/01/2010	09/30/2012	32,246
Duneier, Mitchell Lane, Jeffrey F	2756082	Grant	Doctoral Dissertation Research: Digital Ethnography of Harlem Youth	National Science Foundation	09/01/2010	08/31/2012	9,217
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 Goldberg, Amir	2756080	Grant	Doc Dis Research: Where Do Social Categories Come From? A Comparative Analysis of Online Interaction and Categorical Emergence in Music and Finance	National Science Foundation	09/01/2010	08/31/2012	3,548
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 Murphy, Alexandra K	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

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Duneier, Mitchell Murphy, Alexandra K	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
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

Contributions Made to Other Units :

Center for Study of Religion

Robert J Wuthnow

Electrical Engineering

Matthew J. Salganik

Teacher Preparation

Miguel A Centeno

Woodrow Wilson School (WWS)

Sara S McLanahan

WWS - Office of Population Research

Delia S Baldassarri

Scott M Lynch

Douglas S Massey

Sara S McLanahan

Matthew J. Salganik

Edward E. Telles

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Teacher Preparation

ACTIVE SPONSORED PROJECTS

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Centeno, Miguel A	3354010	Grant	Princeton University Preparatory Program	Verizon Foundation	10/30/2011	08/31/2013	20,000

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Woodrow Wilson School (WWS)

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Widner, Jennifer A	2854393	Contract	Princeton Innovations for Successful Societies Research Case Studies (Phase 1)	The World Bank	05/01/2013	08/31/2013	25,000
Widner, Jennifer A	2854394	Contract	Indonesia Community Driven Development (CDD) The 2008 Scale Up	The World Bank	05/01/2013	08/31/2013	24,950
Chyba, Christopher F Glaser, Alexander Mian, Zia Ramana, M. V. von Hippel, Frank N	2854388	Grant	Support for Education and Training of the Next Generation of Nuclear Non-Proliferation, Arms Control, and Disarmament Scientists	The John D. & Catherine T. MacArthur Fdn	04/01/2013	03/31/2017	1,800,000
Mian, Zia Ramana, M. V.	2854389	Grant	Project on Peace and Security in South Asia: Research, Collaboration and Education for Reducing Nuclear Dangers in South Asia	New-Land Foundation	02/01/2013	01/31/2015	100,000
Searchinger, Timothy D Caylor, Kelly K Widner, Jennifer A	2854387	Grant	The Agricultural Synergies Project: Guidance for Integrating REDD+ and Agricultural Emissions Reductions.	Norwegian Agency for Development	03/01/2013	12/31/2015	2,429,829
Mian, Zia Mousavian, Seyed Hossein von Hippel, Frank N	2854385	Grant	A Phased Approach to a Middle East Nuclear-Weapons -Free Zone (ME-NWFZ)	Ploughshares Fund	03/01/2013	03/01/2014	70,000
Mian, Zia Mousavian, Seyed Hossein von Hippel, Frank N	2854384	Grant	A Phased Approach to a Middle East Nuclear-Weapons -Free Zone (ME-NWFZ)	Rockefeller Brothers Fund, Inc.	01/01/2013	12/31/2013	70,000
Widner, Jennifer A	2854383	Grant	Policing in Latin America	Monterrey Institute of Technology and Higher Education	10/03/2012	03/03/2014	136,000
Howard, Heather H	2854381	Grant	Exploring Ways to Support States in Health Care Quality and Value Improvements	Robert Wood Johnson Foundation	01/01/2013	03/31/2014	176,054
Howard, Heather	2854382						1,367,600
Ikenberry, G. J	2854380	Grant	The Day After: Northeast Asia in the Aftermath of the Collapse of the DPRK	Korea Foundation	11/01/2012	12/31/2013	30,000
Deaton, Angus S	2856127	Grant	Dimensions of Subjective Well-Being: Aging, Religiosity, and Adaptation	National Bureau of Economic Research	07/01/2012	06/30/2016	87,359
Howard, Heather H	2854378	Grant	Support for States Participating in the State Health Reform Assistance Network	Robert Wood Johnson Foundation	10/01/2012	12/31/2013	24,447
Howard, Heather	2854379						1,404,000
Rogerson, Richard	2856126	Grant	Micro and Macro Labor Supply Elasticities	National Science Foundation	02/01/2011	01/31/2013	41,459
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	200,076
Danspeckgruber, Wolfgang F	2854375	Grant	Economy, Infrastructure, and Capacity Building in Transitioning Afghanistan and Its Region	Carnegie Corporation of New York	07/01/2012	06/30/2014	286,801
Danspeckgruber, Wolfgang F	2854376						40,640

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Mian, Zia Mousavian, Seyed Hossein	2854374	Grant	Developing a Basis for Resolving Iran-US Bilateral Disputes and for a Diplomatic Rapprochement	Ploughshares Fund	07/01/2012	02/01/2013	65,000
Searchinger, Timothy D	3444114	Grant	Understanding the Greenhouse Implications of Biofuels	The David and Lucile Packard	07/01/2012	06/30/2013	90,000
Christensen, Thomas J	2854373	Grant	Bradley Foundation Fellowship Program for the Meritorious Support for Graduate Students and Post-graduate Fellows	The Lynde and Harry Bradley Fdn., Inc.	07/01/2012	06/30/2013	25,000
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
von Hippel, Frank N Glaser, Alexander	2854372	Grant	End Plutonium Separation (spent nuclear fuel reprocessing) in China, France, India, Japan, Russia and the United Kingdom; and Minimize Non-weapons uses of Highly Enriched Uranium in Russia	The John D. & Catherine T. MacArthur Fdn	04/01/2013	06/30/2014	650,000
Howard, Heather H	2854370	Contract	State Health Reform Assistance Network	Robert Wood Johnson Foundation	07/01/2012	06/30/2013	767,397
Howard, Heather	2854371						416,000
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	05/31/2014	185,521
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	330,110
Currie, Janet M	2856123	Grant	A Randomized Trial of Effects of Parent Mentors on Insuring Minority Children	Univ of TX Southwestern Medical Ctr	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
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	843,203
von Hippel, Frank Feiveson, Harold A Glaser, Alexander Mian, Zia	2854366						56,897
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	09/30/2015	234,622

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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	06/30/2013	25,000
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 Asia	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
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	1,200,282
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
Widner, Jennifer A	2854360	Grant	Generating Turnarounds in Fragile States	Smith Richardson Foundation, Inc.	07/01/2011	12/31/2013	500,000
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	59,890
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
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
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
Shapiro, Jacob N	2856106	Grant	Terrorism, Governance and Development	Air Force Office of Scientific Research	05/01/2009	06/30/2014	9,057,330
Shapiro, Jacob N	2856110						473,341
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	1,101,201
McLanahan, Sara S	2854325	Grant	The Future of Children	Bill & Melinda Gates Foundation	07/01/2008	06/30/2013	892,121
Friedberg, Aaron L	2854326	Grant	Understanding China's Grand Strategy	The Lynde and Harry Bradley Fdn., Inc.	07/01/2008	12/31/2013	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., Inc.	07/01/2008	06/30/2014	25,000
Friedberg, Aaron L	2854317	Grant	Training the Next Generation of Strategists: Strengthening Strategic Studies at Princeton	The Lynde and Harry Bradley Fdn., Inc.	12/10/2007	12/31/2013	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	229,405
Chyba, Christopher F Feiveson, Harold A von Hippel, Frank N	2854282 2854282	Grant	Developing the Technical Basis for Arms Control, Disarmament, and Nonproliferation Initiatives	The John D. & Catherine T. MacArthur Fdn	01/01/2006	12/31/2013	2,328,940

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Woodrow Wilson School (WWS) (4)

ACTIVE SPONSORED PROJECTS

7/1/2012 - 6/30/2013

<u>Investigator</u>	<u>Account</u>	<u>Award Type</u>	<u>Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Award (\$)</u>
McLanahan, Sara S	2854245	Grant	The Future of Children	The David and Lucile Packard	02/23/2004	12/31/2012	1,165,800
McLanahan, Sara S	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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DeKlyen, O. Michelle	4004225	Grant	Family Success Initiative for New Jersey	Janus Solutions	05/01/2013	12/31/2013	6,000
McLanahan, Sara S	4004224	Grant	FOC: Military Children and Families Issue	The Achelis and Bodman Foundations	05/24/2013	12/31/2014	25,000
McLanahan, Sara S	4004222	Grant	Future of Children: Military Children and Families Volume	Foundation for Child Development	04/01/2013	03/31/2014	50,002
Massey, Douglas S	4004221	Grant	Latin American and Mexican Migration Project	The John D. & Catherine T. MacArthur Fdn	12/01/2012	11/30/2014	325,000
McLanahan, Sara S	4004220	Grant	Children and Military Families	William T. Grant Foundation	01/01/2013	12/31/2013	25,000
McLanahan, Sara S	4006278	Grant	Fragile Families and Child Wellbeing in Adolescence	NIH NICHD	09/17/2012	06/30/2017	8,407,723
Salganik, Matthew J	4006279	Grant	Improvements to the Network Scale-Up Method for Studying Hard-To-Reach Populations	NIH NICHD	09/27/2012	06/30/2016	534,521
Pager, Devah Sugie, Naomi F	4006277	Grant	Doctoral Dissertation Research: Utilizing Smartphones as Experimental Interventions for Job Search and Employment at Reentry	National Science Foundation	08/15/2012	08/31/2014	32,200
McLanahan, Sara S	4004219	Grant	It Takes Two Generations: Strengthening the Mechanisms of Child Development	Annie E. Casey Foundation	07/01/2012	06/30/2013	81,000
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	NIH NIA	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 - Rsrch & Experimentation	09/01/2011	05/31/2014	5,000
Massey, Douglas S	4006269	Grant	Demography	NIH NICHD	05/01/2011	04/30/2016	1,004,241
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
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
Grenfell, Bryan T	4006264	Contract	IPA: Bryan Grenfell	NIH NIA	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
Massey, Douglas S	4006261	Grant	Infrastructure for the Office of Population Research	NIH NICHD	09/28/2009	08/31/2014	4,362,993
McLanahan, Sara S	4006257	Grant	Children's Health Disparities in the U.S. and the U.K.: The Role of the Family	NIH NICHD	09/28/2009	08/31/2014	606,238
Stone, Arthur A	4006258	Grant	Princeton Center for Research on Experience and Wellbeing	NIH NIA	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

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Salganik, Matthew J	4006254	Grant	Improvements to Respondent-Driven Sampling for the Study of Hidden Populations	NIH NICHD	09/01/2009	08/31/2013	439,482
Case, Anne C	4006251	Grant	Princeton Center for the Demography of Aging	NIH NIA	07/01/2009	06/30/2014	3,406,264
Massey, Douglas S	4006252	Grant	Public Use Data on Mexican Immigration	NIH NICHD	09/01/2009	08/31/2014	1,911,315
Goldman, Noreen J	4006250	Grant	Biodemography of Health, Social Factors and Life Challenge	NIH NIA	07/01/2009	12/31/2014	2,905,281
Goldman, Noreen J	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
Massey, Douglas S	4006242	Grant	Social Influences on Early Adult Stress Biomarkers	Northwestern University	04/01/2007	01/31/2013	283,220
Goldman, Noreen J	4006241	Grant	Social Disparities in Health Among Latinos	University of California at Los Angeles	05/01/2007	04/30/2013	899,452
Pager, Devah	4006239	Grant	Discrimination in the Lives of Young Disadvantaged Men	NIH NICHD	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	15,759,218
McLanahan, Sara S	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						1,161,602
Massey, Douglas S	4006265						597,159

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Freeland, Edward P	3564008	Grant	Careers of Holders of the PhD in the Humanities	The Andrew W. Mellon Foundation	04/01/2013	03/31/2016	500,000
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	416,727

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