

**ANNUAL REPORT OF THE UNIVERSITY RESEARCH BOARD AND THE OFFICE
OF RESEARCH AND PROJECT ADMINISTRATION
2014-2015
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SECTION I

THIS SECTION FOCUSES ON SPONSORED RESEARCH EXPENDITURES FOR THE ACADEMIC YEAR 2015.

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 82% 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, from its peak in 2011, and automatic federal budget cuts from the sequestration mandated by the Budget Control Act of 2011 have exacerbated this trend. Inflation further reduces the purchasing power of research and development funding. Compared to FY2014, funding from government sources was down by 3.7% in FY2015. The National Science Foundation and the National Institutes of Health still continue to be our major contributors, funding approximately 60% of Princeton's federal sponsored research.

Despite these challenges, Princeton continues to sustain a strong research engine and its faculty continues to attract substantial funding for their state-of-the-art research endeavors. Sponsored research expenditures for Princeton's main campus totaled over \$194M for fiscal year 2015. The Princeton Plasma Physics Laboratory (PPPL) recorded an additional \$112.4M 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 2015 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 adjusted for inflation. Chart 1 details sponsored research expenditures since FY2005.

The grand total of FY2015 sponsored research expenditures for the University and PPPL combined was \$306.5M, an increase of 9.7% from the previous fiscal year. University main campus expenditures totaled \$194.2M, slightly down from the previous year. During the same time period, PPPL's expenditures totaled \$112.4M.

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 2015, with federal and state government funding providing \$139.4 million in direct research support. This comprises 72% of all sponsored research expenditures at the University (Chart 3-1). When funding is recorded according to the prime sources, the percentage is almost 82% (Chart 3-2) at \$158.7 million.

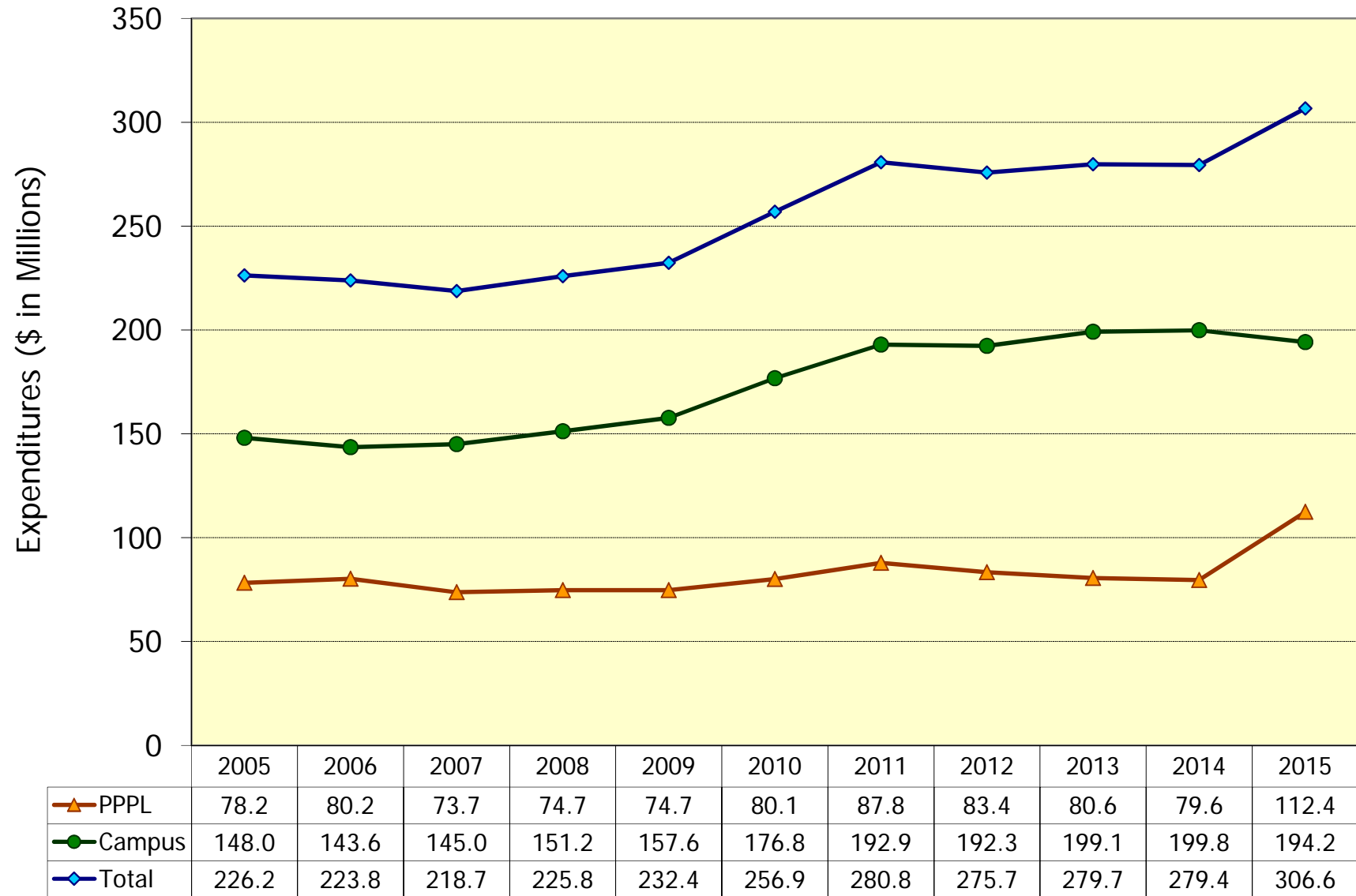
The five leading government sponsors were the National Science Foundation, National Institutes of Health, Department of Defense agencies (including the Army, Air Force, Navy, DARPA, NSA, and DTRA), Department of Energy, and National Aeronautics and Space Administration. These agencies provided, respectively, \$50.1M, \$38.4M, \$23.0M, \$14.6M, and \$5.7M in research funding during FY2015 (Table 1 and Chart 3-1). When represented by prime funding sources the levels of support were \$53.2M, \$42.4M, \$30.8M, \$16.5M, and \$7.7M, respectively (Table 2 and Chart 3-2).

Chart 4-1 presents a five-year comparison of government-sponsored expenditures from FY2011-2015, and Chart 4-2 categorizes 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 FY2015 (Chart 5-1). This category includes foundations, industry, and private/other entities (e.g., educational institutions, hospitals, foreign entities), which together represent 28.2% of Princeton's sponsored-research expenditures. When expenditures are moved to their prime sources, non-government sources account for 18.2% (Chart 5-2) of the total sponsored research portfolio.

Chart 1

HISTORY OF SPONSORED RESEARCH EXPENDITURES



SECTION I

TABLE 1

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

Sponsors, Campus					
	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
NSF	45,824	48,656	55,877	52,465	50,058
NIH	45,839	43,248	40,584	39,951	38,421
DOD	25,967	21,103	23,737	24,039	23,040
DOE	13,131	14,721	14,361	14,707	14,629
NASA	4,804	4,015	4,936	5,418	5,657
DOC	5,155	4,651	4,227	4,273	5,463
NJ	1,068	720	561	525	382
Other (CIA, DOI, DOT, EPA, USDA, Misc)	2,105	1,575	1,738	1,909	1,715
NEH and NEA	202	207	186	145	9
TOTAL GOVERNMENT	144,096	138,898	146,206	143,433	139,374
TOTAL FOUNDATION	12,102	12,037	13,853	18,417	20,794
TOTAL PRIVATE/OTHER	21,940	24,585	24,639	27,082	22,820
TOTAL INDUSTRIAL	14,801	16,803	14,439	10,882	11,198
TOTAL, CAMPUS	\$192,940	\$192,323	\$199,138	\$199,813	\$194,186

Sponsors, Plasma Physics Lab*					
DOE	87,126	81,530	78,013	77,732	110,642
DoD-AF	0	0	0	0	80
NSF	0	0	0	41	337
Misc Govt - Bureau of Arms Ctrl	0	0	0	51	0
TOTAL GOVERNMENT	87,126	81,530	78,013	77,823	111,059
TOTAL INDUSTRIAL	126	131	238	594	518
TOTAL PRIVATE/OTHER	588	1,733	2,336	1,157	784
TOTAL, PPPL	87,840	83,394	80,588	79,575	112,360

GRAND TOTAL, CAMPUS & PPPL	\$280,780	\$275,717	\$279,725	\$279,388	\$306,546
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*Amounts reported by PPPL are different due to their Fiscal Year.

SECTION I

TABLE 2

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

Sponsors, Campus					
	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
NSF	48,789	51,989	59,424	55,462	53,196
NIH	49,374	47,027	44,762	44,593	42,428
DOD	33,143	29,366	30,825	31,888	30,779
DOE	16,975	19,378	18,274	17,486	16,454
NASA	6,356	5,952	6,989	7,652	7,751
DOC	5,260	4,851	4,465	4,352	5,490
NJ	1,188	742	561	525	408
Other (CIA, DOI, DOT, EPA, ED, FBI, Misc)	3,340	2,820	3,047	2,699	2,206
NEH and NEA	202	207	186	145	9
TOTAL GOVERNMENT	164,626	162,331	168,531	164,802	158,722
TOTAL FOUNDATION	12,088	12,010	13,834	18,411	20,794
TOTAL PRIVATE/OTHER	3,996	5,342	5,757	8,952	6,028
TOTAL INDUSTRIAL	12,230	12,639	11,016	7,649	8,642
TOTAL, CAMPUS	\$192,940	\$192,323	\$199,138	\$199,813	\$194,186

Sponsors, Plasma Physics Lab**					
DOE	87,130	81,573	78,030	77,941	110,768
DoD-AF	0	0	0	0	393
NSF	15	0	0	41	542
Misc Govt - Bureau of Arms Ctrl	0	0	0	51	0
TOTAL GOVERNMENT	87,146	81,573	78,030	78,032	111,703
TOTAL INDUSTRIAL	106	88	221	385	274
TOTAL PRIVATE/OTHER	588	1,733	2,336	1,157	383
TOTAL, PPPL	87,840	83,394	80,588	79,575	112,360

GRAND TOTAL, CAMPUS & PPPL	\$280,780	\$275,717	\$279,725	\$279,388	\$306,546
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*Shows Government funded subawards from industry & private organizations categorized by their prime source of funds.

**Amounts reported by PPPL are different due to their Fiscal Year.

SECTION I

TABLE 3

5 YEAR HISTORY BY DIVISION

SPONSORED PROJECT EXPENDITURES (\$1,000)

<u>Breakdown by Division *</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015*</u>
Natural Sciences	79,730	79,112	85,236	87,401	115,877
Engineering & Applied Sciences	68,494	70,206	70,645	66,574	61,796
Humanities & Social Sciences	15,572	16,308	15,647	17,955	15,916
Non-Departmental	29,144	26,697	27,609	27,884	598
Sub-Total Campus	192,940	192,323	199,138	199,813	194,186
Plasma Physics Laboratory	<u>87,840</u>	<u>83,394</u>	<u>80,588</u>	<u>79,575</u>	<u>112,360</u>
GRAND TOTAL	280,780	275,717	279,725	279,388	306,546

NUMBER OF SPONSORED PROJECTS

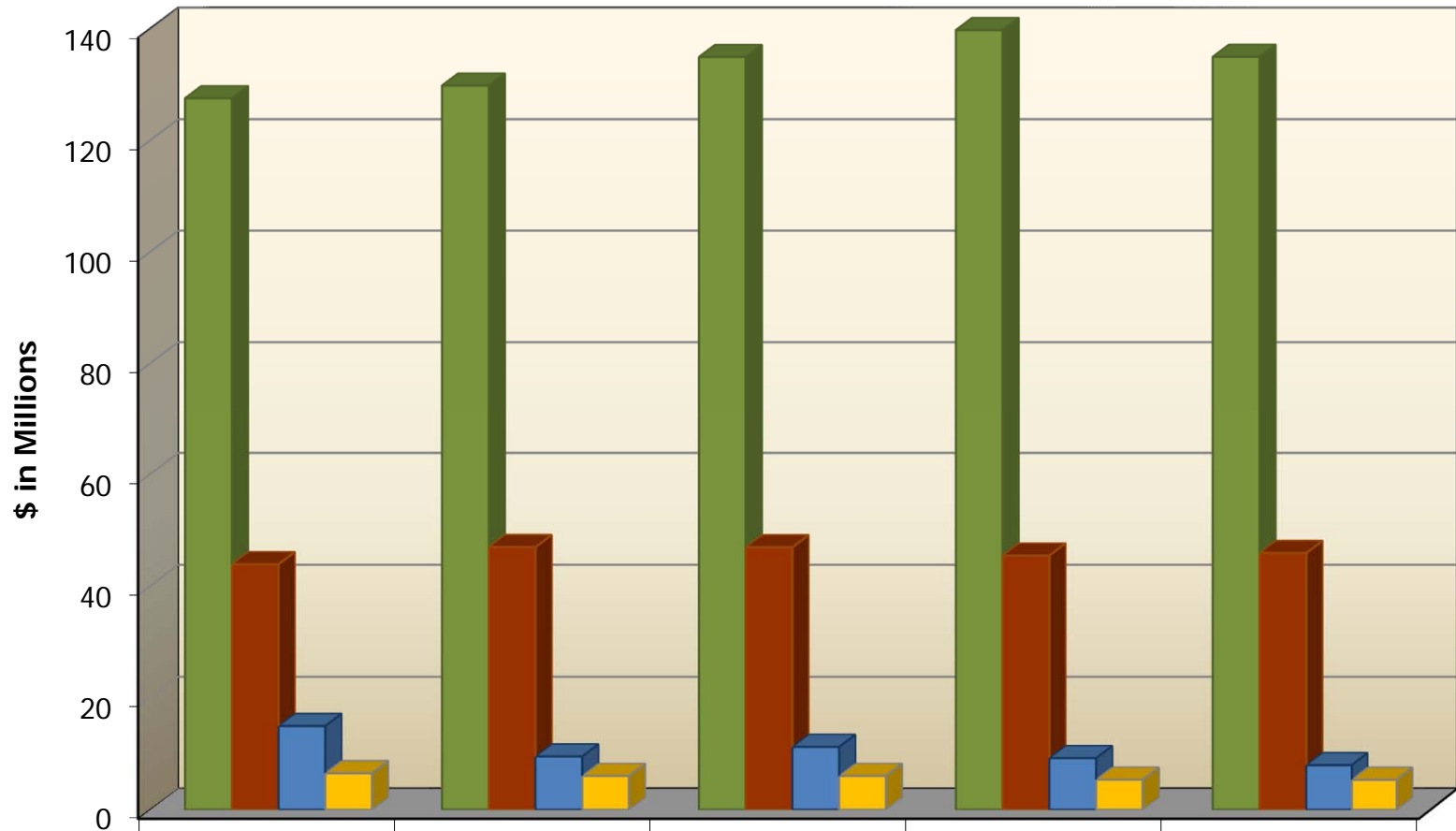
<u>Breakdown by Division*</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015*</u>
Natural Sciences	616	614	612	622	762
Engineering & Applied Sciences	437	459	467	454	460
Humanities & Social Sciences	149	157	146	139	139
Non-Departmental	131	143	138	159	16
Sub-Total Campus	1,333	1,373	1,363	1,374	1,377
Plasma Physics Laboratory	<u>12</u>	<u>18</u>	<u>18</u>	<u>17</u>	<u>20</u>
GRAND TOTAL	1,345	1,391	1,381	1,391	1,397

AVERAGE EXPENDITURES PER PROJECT (\$1,000)

<u>Breakdown by Division*</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015*</u>
Natural Sciences	129	129	139	141	152
Engineering & Applied Sciences	157	153	151	147	134
Humanities & Social Sciences	105	104	107	129	115
Non-Departmental	222	187	200	175	37
All	145	140	146	145	141

*FY2015 - Divisions changed to be in line with Dean of Faculty definitions.

Chart 2
Breakdown of Expenditures
 (Excludes Plasma Physics Lab)



	2011	2012	2013	2014	2015
Operating Costs	127,533,372	129,813,873	134,935,709	139,759,708	134,967,536
Indirect Costs	43,881,944	46,955,313	46,915,613	45,437,603	45,887,586
Equipment/Facilities	14,984,597	9,519,815	11,245,661	9,226,709	7,969,349
Training Grants	6,539,732	6,034,096	6,040,709	5,389,415	5,361,360

Chart 3-1
Funding % By Sponsor - FY 2014-2015
(Excludes PPPL)

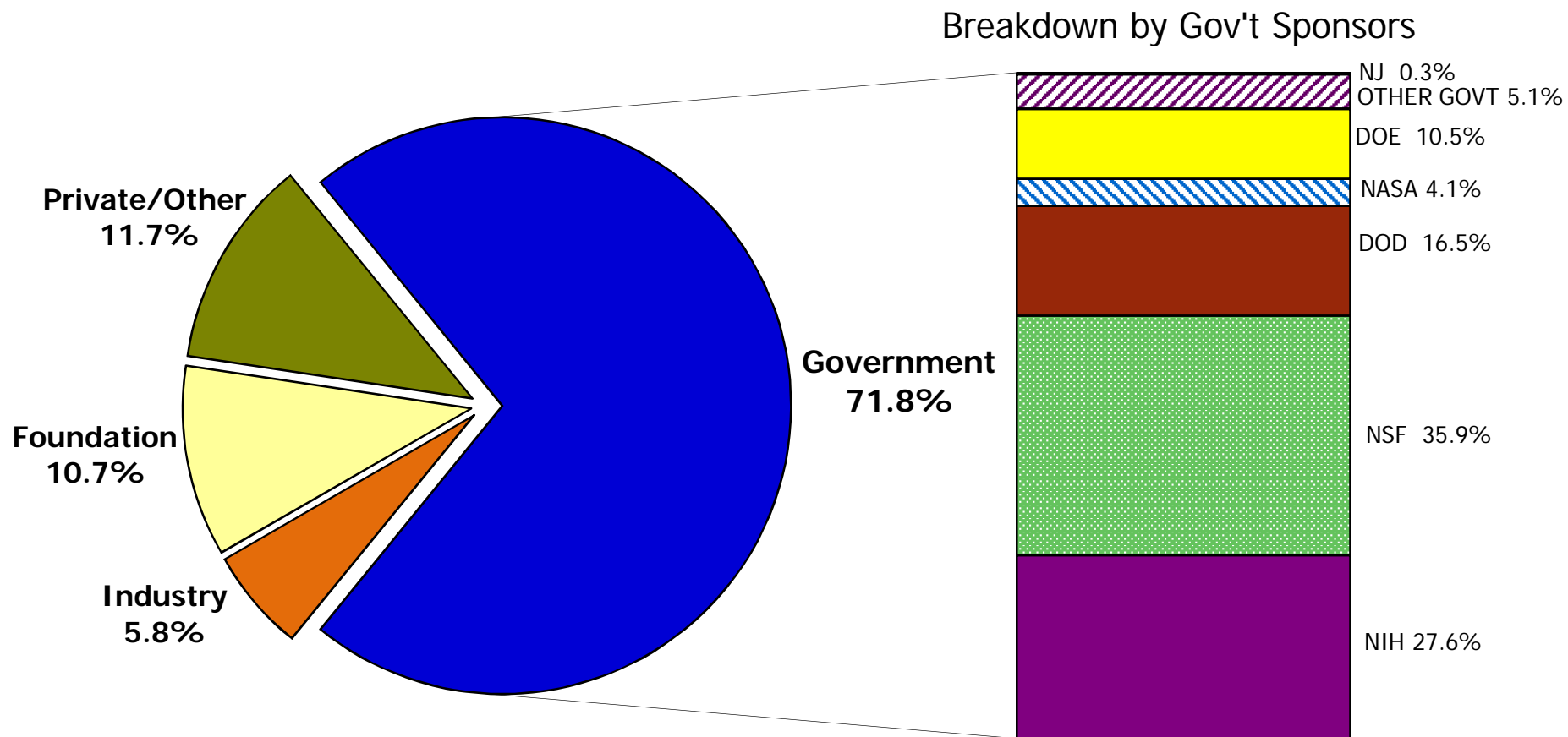
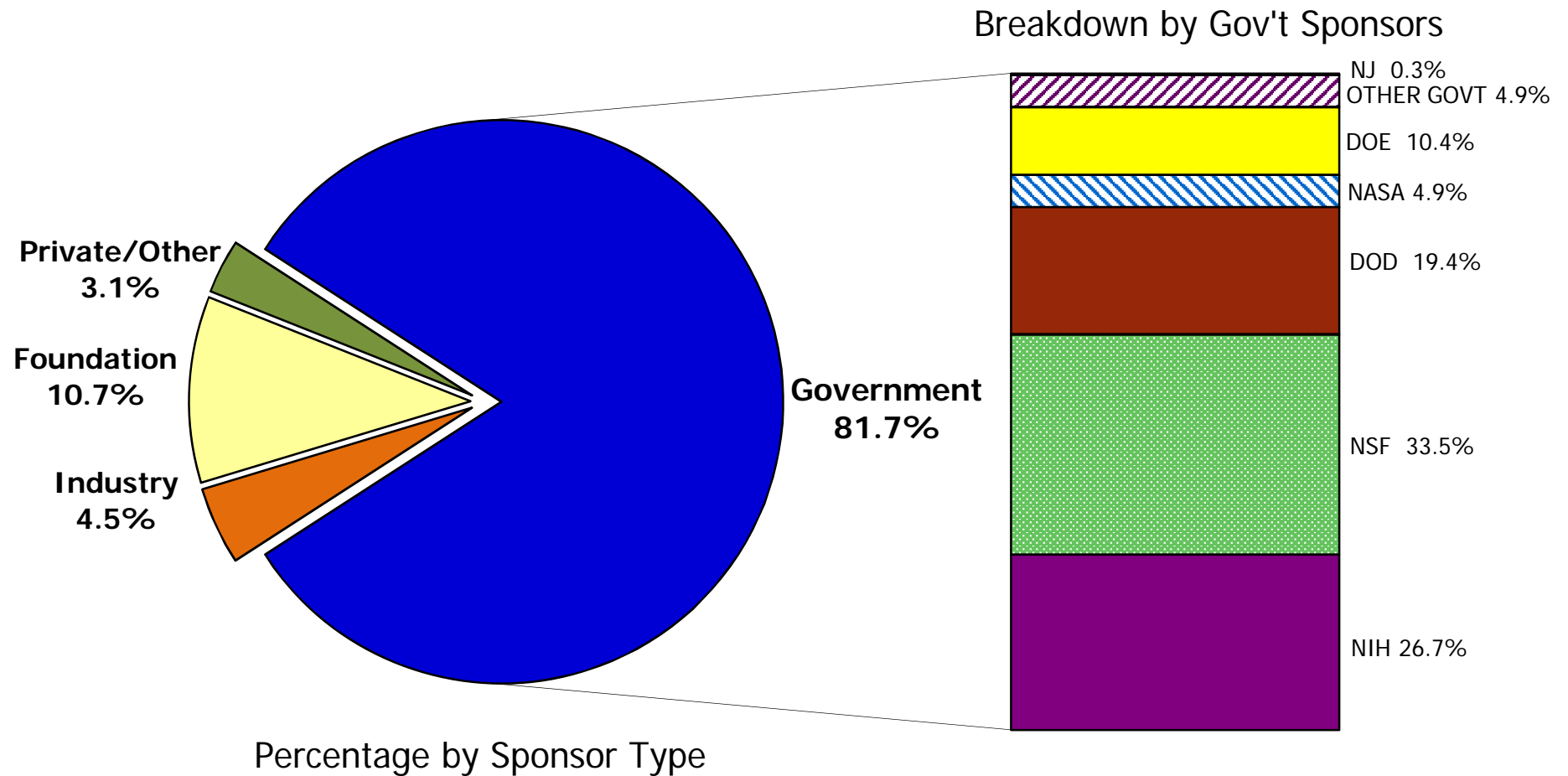


Chart 3-2
Funding % By Prime* Sponsor - FY 2014-2015
 (Excludes PPPL)



*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)

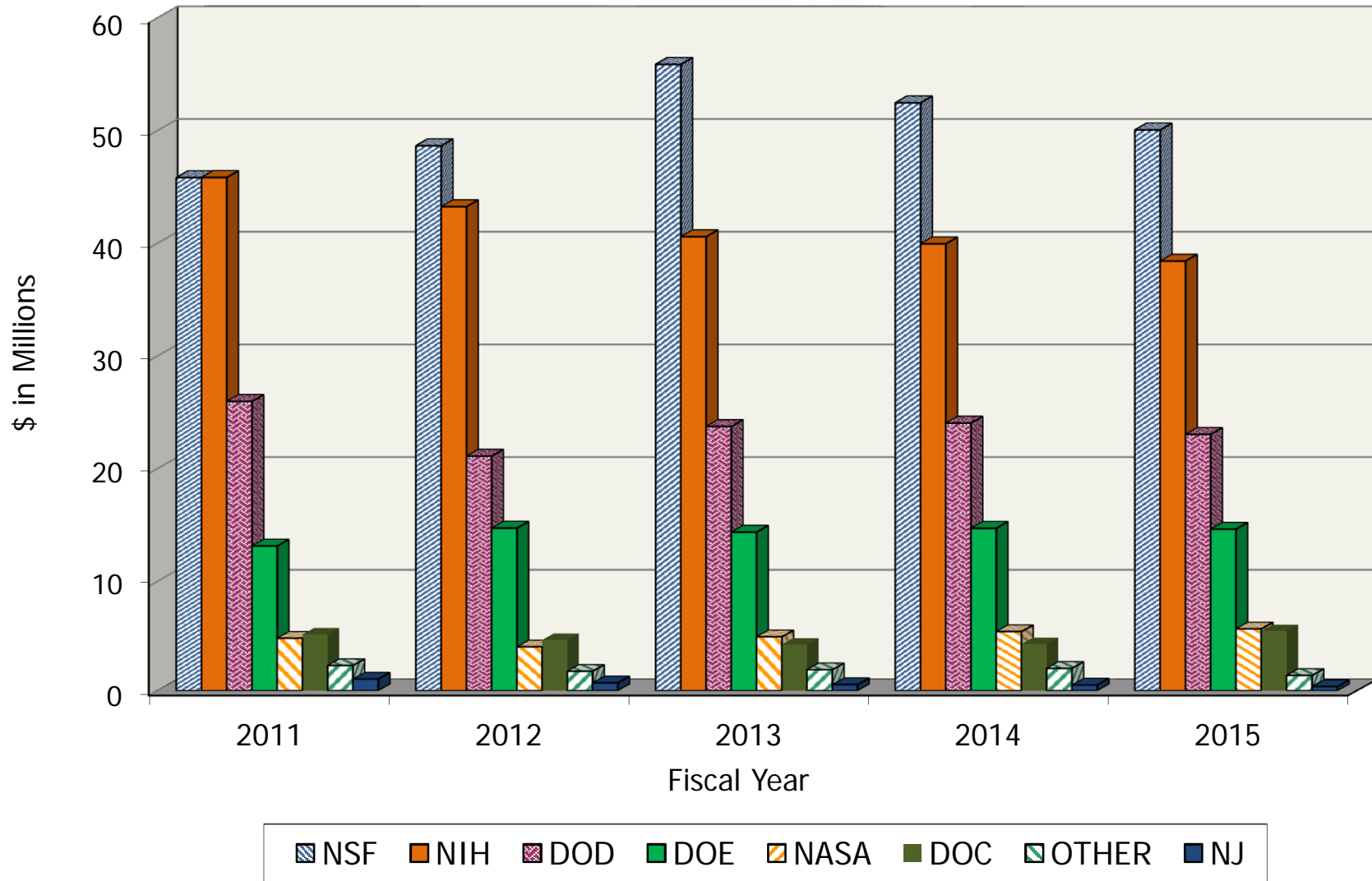


Chart 4-2
Comparison of Prime Government Sponsored Expenditures
 5 Year History
 (Excludes Plasma Physics Lab)

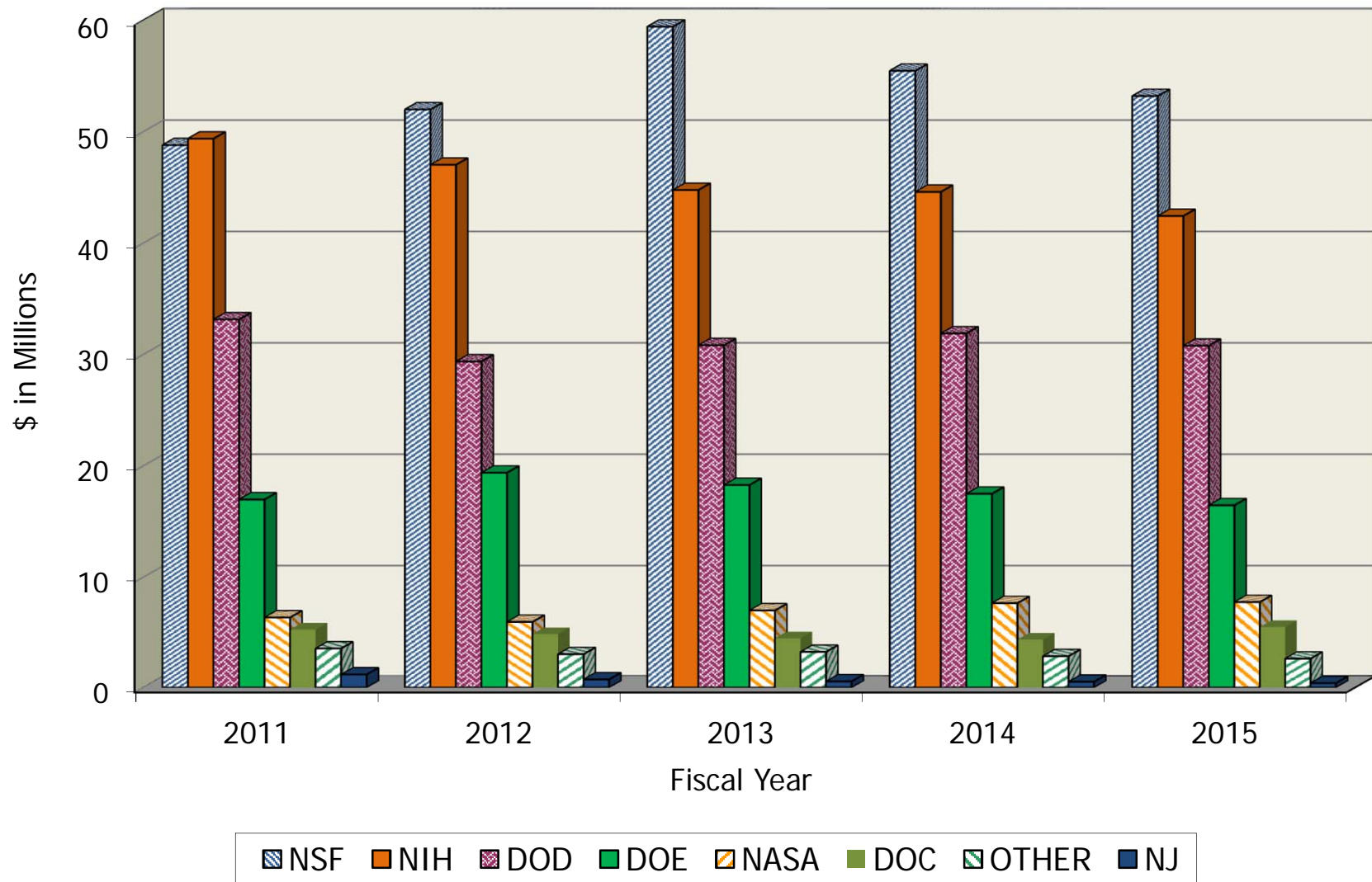


Chart 5-1

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

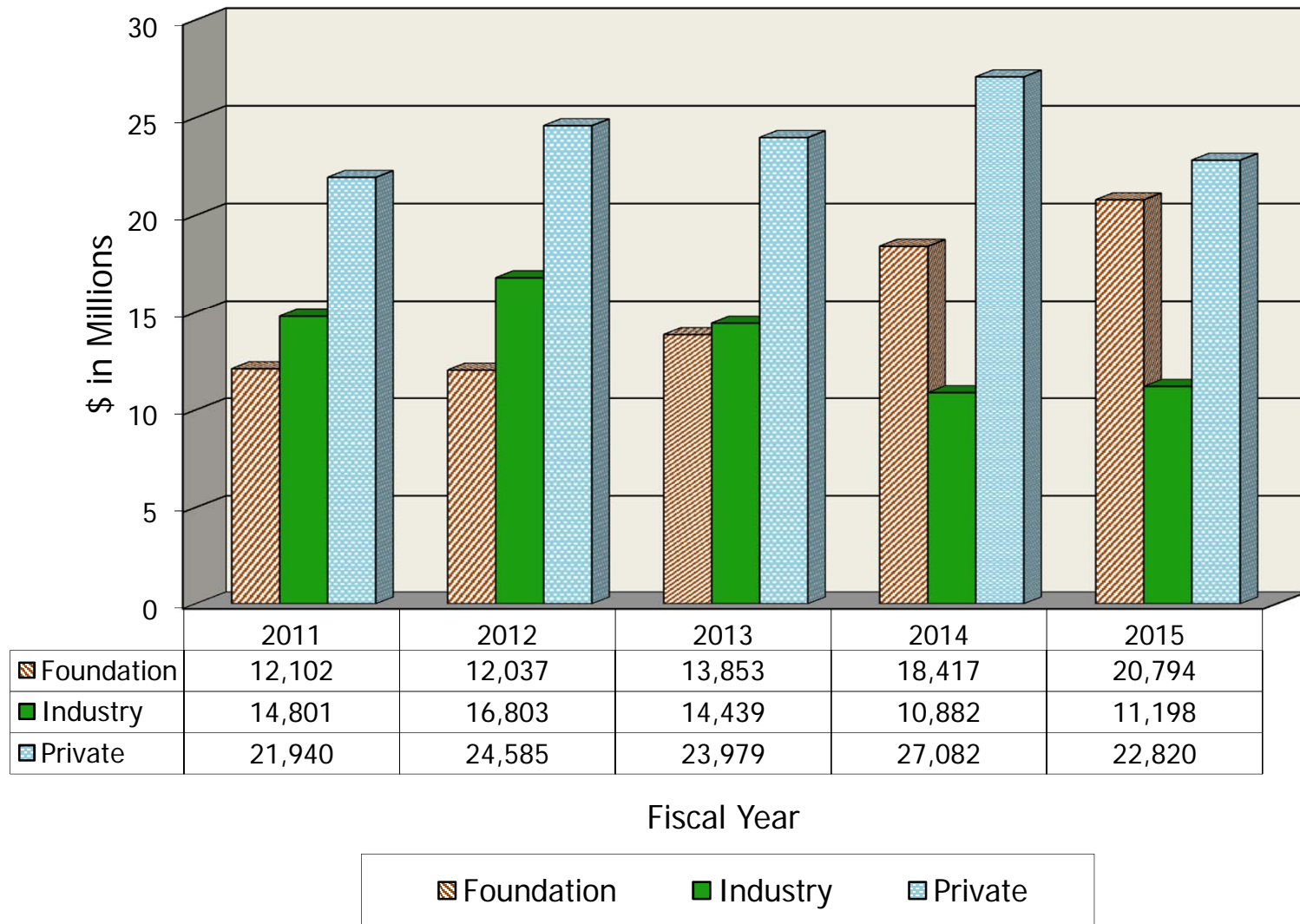


Chart 5-2

Comparison of Non-Government Sponsored Expenditures

(with Funds moved to Prime Sponsor)

(Excludes Plasma Physics Lab)

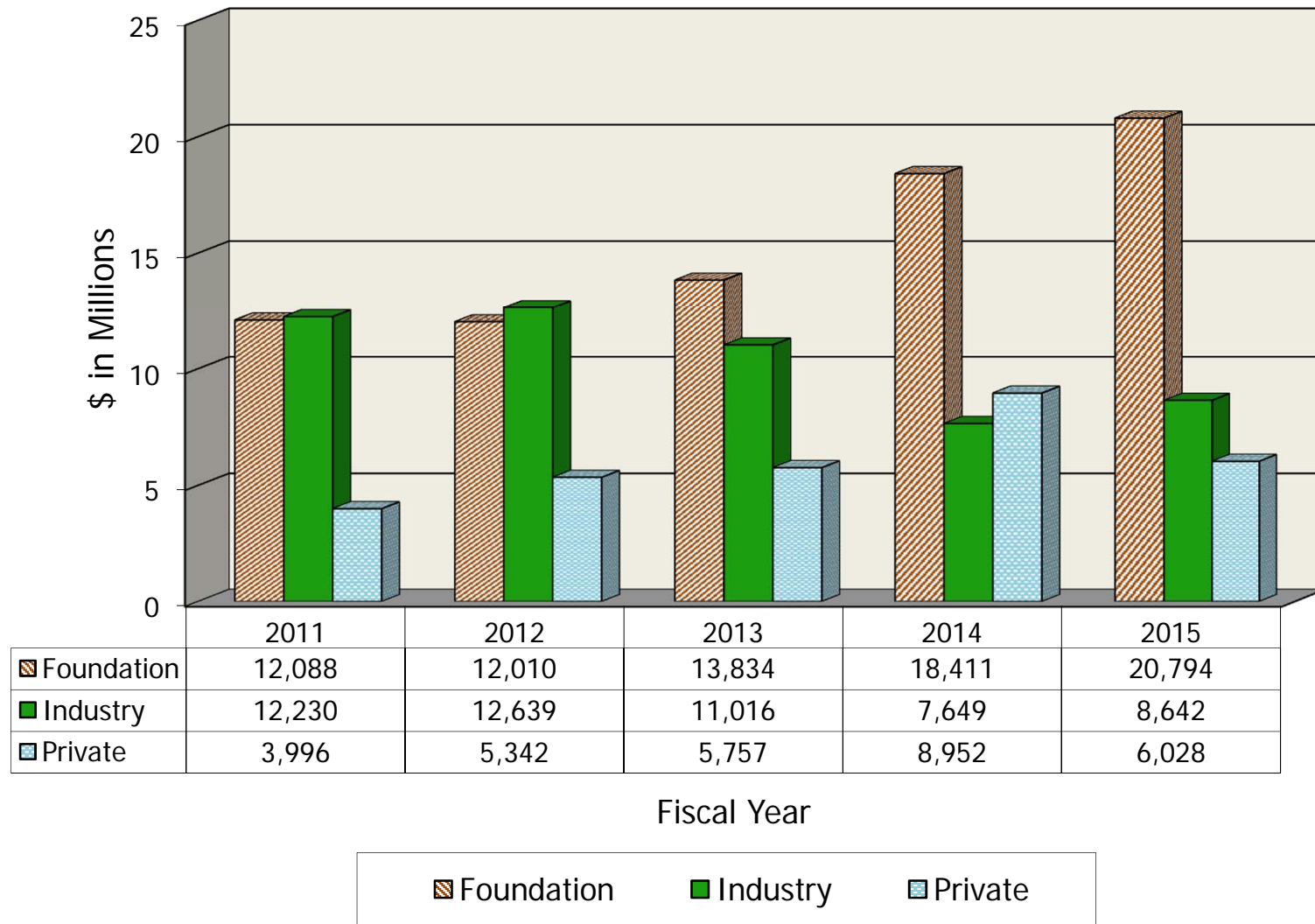
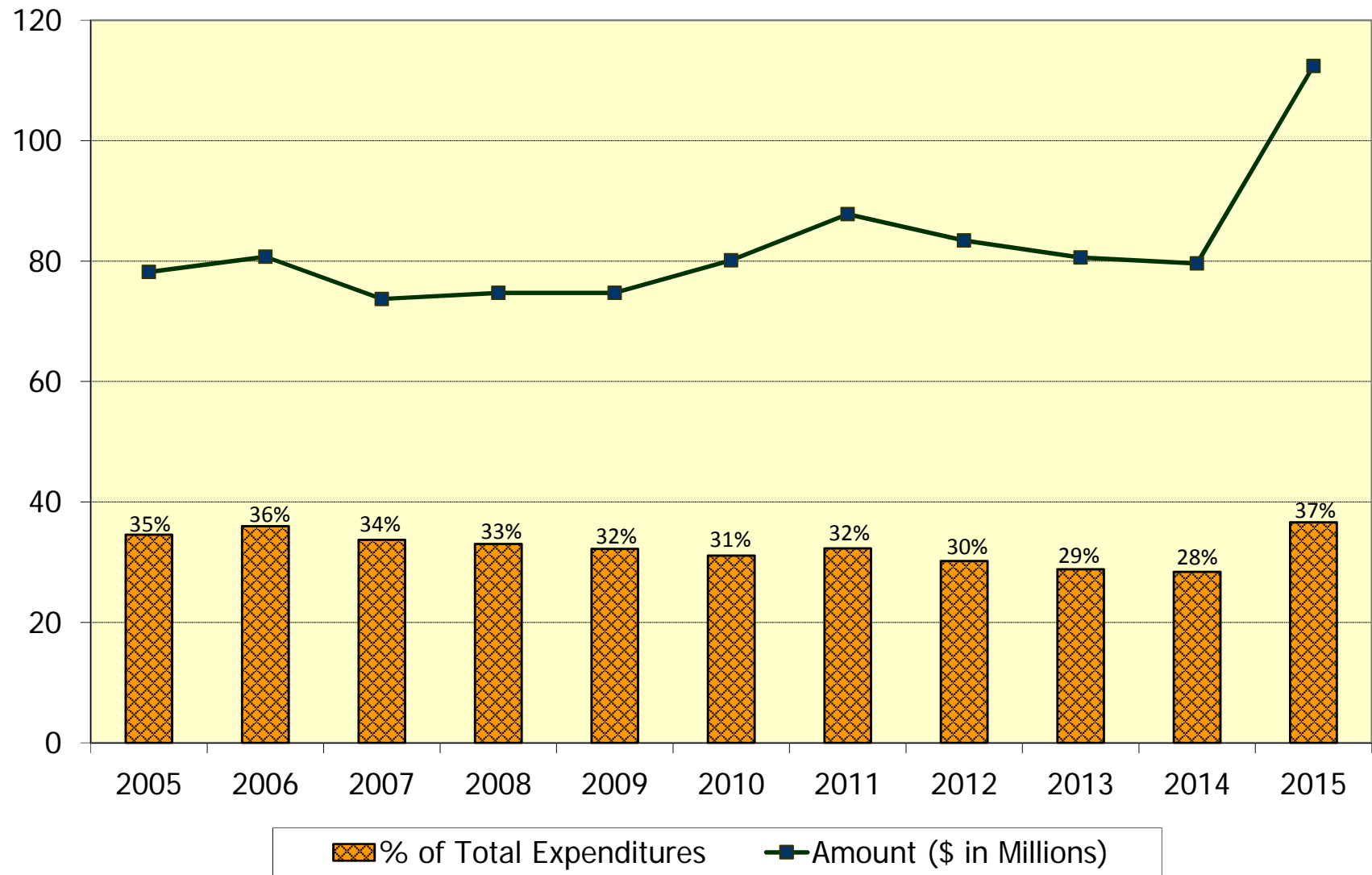


Chart 6

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, 2014 - June 30, 2015

DEPARTMENT/PROGRAM	# of Projs.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NATURAL SCIENCES	762	\$78,746,047	\$4,346,581	\$5,238,361	\$27,545,934	\$115,876,923
Applied & Computational Math (PACM)	22	2,178,635	0	412	794,997	2,974,044
Astrophysical Sciences	77	4,423,755	209,699	178,580	2,346,520	7,158,553
Atmospheric & Oceanic Sciences	29	4,832,260	12,044	507	1,547,298	6,392,110
Center for Theoretical Science	0	0	0	0	(399)	(399)
Chemistry	93	10,688,988	341,021	512,966	3,697,134	15,240,110
Ecology & Evolutionary Biology	46	2,173,791	25,578	105,187	718,319	3,022,875
Geosciences	63	2,800,004	64,231	0	1,302,960	4,167,195
Lewis-Siegler Institute	68	7,406,197	647,717	213,360	3,216,300	11,483,574
Mathematics	55	2,237,453	46,663	(0)	1,066,294	3,350,410
Molecular Biology	122	10,149,913	1,974,026	282,220	4,860,889	17,267,049
Physics	80	18,419,237	112,602	3,420,995	3,715,836	25,668,669
Princeton Environmental Institute (PEI)	19	5,054,204	47,064	184,693	1,081,461	6,367,422
Princeton Inst for Comput'l Sci & Eng (PICSciE)	3	145,553	0	0	87,872	233,425
Princeton Neuroscience Institute (PNI)	68	6,886,262	864,170	339,440	2,572,394	10,662,266
Psychology	17	1,349,796	1,766	0	538,058	1,889,620
ENGINEERING & APPLIED SCIENCES	460	42,017,124	684,405	2,728,088	16,366,064	61,795,680
Andlinger Center	12	1,876,697	(1,700)	9,482	436,369	2,320,848
Center for Information Technology	1	78,389	0	0	48,525	126,913
Chemical & Biological Engineering	72	4,954,023	97,041	53,879	2,033,809	7,138,752
Civil & Environmental Engineering	78	3,161,674	78,830	47,470	1,388,193	4,676,167
Computer Science	67	5,449,452	13,471	0	1,981,558	7,444,481
Electrical Engineering	68	5,555,052	41,569	197,073	2,473,532	8,267,226
Mechanical & Aerospace Engineering	76	6,870,424	115,532	647,889	3,124,405	10,758,250
Operations Research & Financial Engin.	28	1,963,933	56,625	36,412	892,548	2,949,518
PRISM	58	12,107,480	283,036	1,735,884	3,987,126	18,113,526
HUMANITIES & SOCIAL SCIENCES	139	13,690,666	299,574	2,707	1,922,627	15,915,574
African-American Studies	1	950	0	0	0	950
Anthropology	1	1,866	0	0	485	2,351
Architecture	1	571,383	0	102	0	571,485
Art & Archaeology	0	741	0	0	0	741
Center for Study of Religion	2	141,445	40	0	0	141,485

TABLE 4 (CONT.)

DEPARTMENT/PROGRAM	# of Projs.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
Classics	1	234,056	0	0	0	234,056
Comparative Literature	1	4,378	0	0	0	4,378
East Asian Studies	1	259,739	0	0	0	259,739
East Asian Program	1	15,937	1,600	0	1,754	19,290
Economics	15	446,579	0	254	197,667	644,501
English	1	4,430	33,334	0	0	37,764
French & Italian	1	2,226	0	0	0	2,226
Gender and Sexuality Studies	1	33,649	0	0	3,686	37,335
History	4	89,152	0	0	0	89,152
History of Science	1	14,229	0	0	3,700	17,928
Jefferson Papers	1	121,588	0	0	0	121,588
Peter B. Lewis Center - Arts	1	196,361	0	0	0	196,361
Music	1	1,698	0	0	0	1,698
Near Eastern Studies	2	42,151	0	0	1,715	43,866
Near Eastern Studies Program	1	139,456	0	0	11,156	150,612
Philosophy	4	221,978	0	0	58,821	280,798
Politics	17	659,612	0	160	52,068	711,841
Princeton Inst. for Int'l & Regional Studies (PIIRS)	1	40,301	0	0	4,026	44,327
Sociology	8	172,214	0	0	52,907	225,121
Woodrow Wilson School	47	6,194,935	47,955	834	734,143	6,977,868
Population Research (WWS)	23	3,862,980	216,645	1,356	800,498	4,881,479
Survey Research Center (WWS)	1	216,842	0	0	0	216,842
NON-ACADEMIC DEPARTMENTS	16	\$513,699	\$30,800	\$194	\$52,961	\$597,654
Art Museum	3	143,340	0	0	9,843	153,183
Dean of the College (CBLI)	1	1,212	0	194	0	1,406
Dean of the College (McGraw Center)	1	34,204	0	0	0	34,204
Graduate School	1	5,459	30,800	0	0	36,259
Health Services	3	193,884	0	0	38,829	232,713
Library	2	85,082	0	0	2,341	87,422
Pace Center	4	26,167	0	0	0	26,167
Teacher Preparation	1	24,351	0	0	1,948	26,299
SUBTOTAL MAIN CAMPUS	1,377	\$134,967,536	\$5,361,360	\$7,969,349	\$45,887,586	\$194,185,831
Plasma Physics Laboratory	20	\$110,696,391	(\$1,828)	\$0	\$1,665,904	\$112,360,467
GRAND TOTAL	1,397	\$245,663,927	\$5,359,532	\$7,969,349	\$47,553,490	\$306,546,298

* 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, 2014 - June 30, 2015

MAIN CAMPUS

GOVERNMENT AGENCY OR DEPARTMENT	# of Projs.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NSF	372	35,621,549	393,322	2,578,416	11,465,063	50,058,350
NIH	159	23,697,922	3,185,712	740,078	10,797,104	38,420,816
DOE	69	10,110,928	3,385	240,316	4,273,909	14,628,538
AF	29	6,256,693	655	1,088,547	1,546,113	8,892,008
NAVY	32	5,348,323	2,706	279,412	2,038,430	7,668,871
NASA	51	3,423,296	241,367	687,429	1,305,297	5,657,388
ARMY	28	3,402,886	26,879	370,242	1,701,942	5,501,949
DOC (NOAA & NIST)	17	4,108,762	4,833	(4,032)	1,353,138	5,462,700
DARPA	5	507,092	(158)	96,909	150,775	754,618
MISC. GOVT.**	9	515,092	0	12,645	152,881	680,618
DOT	2	310,774	0	14,168	70,910	395,851
STATE OF NEW JERSEY	13	298,909	59,767	0	23,008	381,684
DHS	1	199,136	0	0	121,473	320,609
OTHER DOD (DTRA & NSA)	2	153,930	0	0	68,925	222,855
ED	1	139,456	0	0	11,156	150,612
EPA	3	50,525	12,000	9,152	25,022	96,699
DOI (USGS)	2	47,832	0	0	22,575	70,407
NEH	1	6,688	0	0	2,341	9,028
TOTAL GOVERNMENT	796	\$94,199,791	\$3,930,468	\$6,113,282	\$35,130,061	\$139,373,602
PRIVATE/OTHER	279	\$15,775,902	\$603,720	\$140,264	\$6,299,992	\$22,819,878
INDUSTRIAL	91	\$8,115,058	\$56,287	\$170,455	\$2,856,161	\$11,197,962
FOUNDATION	211	\$16,876,786	\$770,884	\$1,545,348	\$1,601,371	\$20,794,390
TOTAL MAIN CAMPUS	1,377	\$134,967,536	\$5,361,360	\$7,969,349	\$45,887,586	\$194,185,831

* 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 CIA, FBI, DOJ, IMLS, State Dept, NARA, NHPRC, USDA, & USIP

TABLE 5 (CONT.)

SUMMARY OF SPONSORED EXPENDITURES BY SPONSOR
July 1, 2014 - June 30, 2015

PRINCETON PLASMA PHYSICS LABORATORY

GOVERNMENT AGENCY OR DEPARTMENT	No. Proj.*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
DOE PRIME CONTRACT	2	109,619,400	(1,828)	0	1,024,498	110,642,070
AF	1	37,472	0	0	42,234	79,706
Bureau of Arms Ctrl (State Dept)	0	166	0	0	(166)	0
NSF	1	337,015	0	0	0	337,015
TOTAL GOVERNMENT	4	109,994,053	(1,828)	0	1,066,566	\$111,058,791
INDUSTRIAL	7	\$264,028	\$0	\$0	\$253,601	\$517,630
PRIVATE/OTHER	9	\$438,310	\$0	\$0	\$345,737	\$784,046
TOTAL PLASMA PHYSICS	20	\$110,696,391	(\$1,828)	\$0	\$1,665,904	\$112,360,467
TOTAL CAMPUS / PPPL	1,397	\$245,663,927	\$5,359,532	\$7,969,349	\$47,553,490	\$306,546,298

SECTION II

TABLE 6

SUMMARY OF SPONSORED EXPENDITURES BY PRIME* SPONSOR

July 1, 2014 - June 30, 2015

MAIN CAMPUS

GOVERNMENT AGENCY OR DEPARTMENT	# of Projs.**	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NSF	402	37,593,635	538,462	2,578,416	12,485,691	53,196,204
NIH	212	26,276,691	3,186,549	749,713	12,215,301	42,428,255
DOE	91	11,282,324	4,370	252,096	4,915,063	16,453,853
AF	51	8,442,723	2,889	1,100,332	2,607,247	12,153,190
NAVY	37	5,687,235	6,438	279,412	2,215,644	8,188,729
NASA	91	4,676,493	430,502	701,601	1,942,855	7,751,451
ARMY	37	4,161,658	26,879	385,193	2,083,127	6,656,857
DOC (NOAA & NIST)	19	4,132,601	4,833	(4,032)	1,356,961	5,490,363
DARPA	21	2,302,933	(158)	195,352	1,059,143	3,557,270
MISC. GOVT.***	8	553,291	0	30,688	206,837	790,816
DOT	4	362,455	0	14,168	95,188	471,811
STATE OF NEW JERSEY	14	323,260	59,767	0	24,956	407,983
DHS	1	199,136	0	0	121,473	320,609
USDA	5	236,578	0	0	68,137	304,715
OTHER DOD (DTRA, NSA)	2	153,930	0	0	68,925	222,855
ED	1	139,456	0	0	11,156	150,612
EPA	3	50,525	12,000	9,152	25,022	96,699
DOI (USGS)	2	47,832	0	0	22,575	70,407
NEH	1	6,688	0	0	2,341	9,028
TOTAL GOVERNMENT	1,002	\$106,629,442	\$4,272,531	\$6,292,091	\$41,527,643	\$158,721,707
INDUSTRIAL	63	\$6,430,348	\$56,287	\$110,066	\$2,044,844	\$8,641,545
FOUNDATION	211	\$16,876,786	\$770,884	\$1,545,348	\$1,601,371	\$20,794,390
PRIVATE/OTHER	101	\$5,030,961	\$261,657	\$21,844	\$713,728	\$6,028,189
TOTAL MAIN CAMPUS	1,377	\$134,967,536	\$5,361,360	\$7,969,349	\$45,887,586	\$194,185,831

* 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: CIA, FBI, IMLS, NARA, NHPRC, State Dept, and USIP

SUMMARY OF SPONSORED EXPENDITURES BY PRIME* SPONSOR
July 1, 2014 - June 30, 2015

PRINCETON PLASMA PHYSICS LABORATORY

GOVERNMENT AGENCY OR DEPARTMENT	No. Proj.**	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
DOE	3	109,684,274	(1,828)	0	1,085,863	110,768,309
AF	3	243,325	0	0	150,030	393,355
Bureau of Arms Ctrl (State Dept)	0	166	0	0	(166)	0
NSF	3	438,307	0	0	103,448	541,754
TOTAL GOVERNMENT	9	110,366,071	(1,828)	0	1,339,175	\$111,703,419
INDUSTRIAL	4	\$143,270	\$0	\$0	\$130,561	\$273,831
PRIVATE/OTHER	7	\$187,050	\$0	\$0	\$196,168	\$383,218
TOTAL PLASMA PHYSICS	20	\$110,696,391	(\$1,828)	\$0	\$1,665,904	\$112,360,467
TOTAL CAMPUS / PPPL	1,397	\$245,663,927	\$5,359,532	\$7,969,349	\$47,553,490	\$306,546,298

* 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.

Note: Amounts reported by PPPL are different due to their Fiscal Year

SECTION II

TABLE 7-1 - Section 1

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2014 - June 30, 2015)

DEPARTMENT / PROGRAM	No. of Projects	GRAND TOTAL EXPENDITURES	NIH		NSF		DOE		AIR FORCE	
NATURAL SCIENCES	762	115,877	132	30,750	195	31,690	42	8,540	6	1,581
Applied & Computational Math	22	2,974	2	271	5	487	1	165	3	905
Astrophysical Sciences	77	7,159			17	1,942	9	857		
Atmospheric & Oceanic Sciences	29	6,392			8	585	4	587		
Chemistry	93	15,240	22	4,633	18	1,860	7	1,450	1	43
Ecology & Evolutionary Biology	46	3,023	4	557	17	931				
Geosciences	63	4,167			29	2,266	5	396		
Lewis-Siegler Institute	68	11,484	28	6,677	7	823	2	472		
Mathematics	55	3,350			44	2,776			1	148
Molecular Biology	122	17,267	43	11,635	4	770				
Physics	80	25,669			31	15,309	13	4,258	1	486
Princeton Environmental Institute	19	6,367			6	2,737	1	356		
Princeton Inst for Computat'l Sci & Engin (PICSciE)	3	233			2	212				
Princeton Neuroscience Institute (PNI)	68	10,662	28	5,803	6	947				
Psychology	17	1,890	5	1,174	1	44				
ENGINEERING & APPLIED SCIENCES	460	61,796	12	2,989	156	17,665	27	6,088	22	6,624
Andlinger Ctr for Energy & Environment	12	2,321			5	150	3	868	1	119
Center for Information Technology Policy	1	127			1	127				
Chemical & Biological Engineering	72	7,139	7	1,320	18	1,531	6	553	4	1,233
Civil & Environ. Engineering	78	4,676			18	1,054	4	385		
Computer Science	67	7,444			38	4,139			1	1,264
Electrical Engineering	68	8,267			35	2,548	2	583	6	1,030
Mechanical & Aerospace Engineering	76	10,758			9	730	4	899	5	1,463
Oper. Res. & Financial Engineering	28	2,950	3	724	13	622			2	592
PRISM	58	18,114	2	944	19	6,764	8	2,801	3	924
HUMANITIES & SOCIAL SCIENCES	139	15,916	15	4,682	21	704	0	0	1	687
African-American Studies	1	950								
Anthropology	1	2			1	2				
Architecture School	1	571								
Art & Archaeology	0	1								
Center for the Study of Religion	2	141								
Classics	1	234								
Comparative Literature	1	4								
East Asian Studies	1	260								
East Asian Studies Program	1	19								
Economics	15	645			9	468				
English	1	38								
French & Italian	1	2								
Gender and Sexuality Studies	1	37								
History	4	89								
History of Science	1	18			1	18				
Jefferson Papers	1	122								
Peter B. Lewis Center - Arts	1	196								
Music	1	2								
Near Eastern Studies	2	44								
Near Eastern Studies Program	1	151								
Philosophy	4	281								
Politics	17	712			4	122				
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	1	44								
Sociology	8	225			4	74				
Woodrow Wilson School	47	6,978	1	93	1	10			1	687
Population Research (WWS)	23	4,881	14	4,589	1	9				
Survey Research Center (WWS)	1	217								
CENTERS, INSTITUTES & NON-DEPT'L	16	597	0	0	0	0	0	0	0	0
Art Museum	3	153								
Dean of the College (CBLI/McGraw Ctr)	2	36								
Graduate School	1	36								
Health Services	3	233								
Library	2	87								
Pace Center	4	26								
Teacher Preparation	1	26								
TOTAL, MAIN CAMPUS	1377	194,186	159	38,421	372	50,058	69	14,629	29	8,892
Plasma Physics Laboratory	20	112,360			1	337	2	110,642	1	80
GRAND TOTAL	1397	306,546	159	38,421	373	50,395	71	125,271	30	8,972

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 CIA, DOI, DOJ, DOT, FAA, NARA, NHPRC, State Dept, & USIP

SECTION II

TABLE 7-1 - Section 2

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2014 - June 30, 2015)

DEPARTMENT / PROGRAM	NAVY		NASA		ARMY		STATE OF NJ		DOC		DARPA	
NATURAL SCIENCES	12	2,077	28	4,211	12	3,273	12	352	7	4,800	1	12
Applied & Computational Math	5	524										
Astrophysical Sciences			13	1,291								
Atmospheric & Oceanic Sciences	1	53	4	120					6	4,698		
Chemistry	2	689			2	1,216						
Ecology & Evolutionary Biology					1	92						
Geosciences			4	321					1	103		
Lewis-Siegler Institute	1	270					1	67				
Mathematics												
Molecular Biology					2	1,189	10	214				
Physics	2	254	6	2,459	4	490					1	12
Princeton Environmental Institute			1	20	1	106						
Princeton Inst for Computat'l Sci & Engin (PICSciE)												
Princeton Neuroscience Institute (PNI)	1	287			2	180	1	71				
Psychology												
ENGINEERING & APPLIED SCIENCES	19	5,310	23	1,447	16	2,229	0	0	10	663	4	743
Andlinger Ctr for Energy & Environment			1	22								
Center for Information Technology Policy												
Chemical & Biological Engineering	1	111			2	219			1	3		
Civil & Environ. Engineering			13	916	2	67			9	660		
Computer Science	1	98									2	472
Electrical Engineering	3	265			2	161						
Mechanical & Aerospace Engineering	10	2,525	9	509	4	385						
Oper. Res. & Financial Engineering	1	169			1	215						
PRISM	3	2,142			5	1,183					2	271
HUMANITIES & SOCIAL SCIENCES	1	282	0	0	0	0	0	0	0	0	0	0
African-American Studies												
Anthropology												
Architecture School												
Art & Archaeology												
Center for the Study of Religion												
Classics												
Comparative Literature												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
French & Italian												
Gender and Sexuality Studies												
History												
History of Science												
Jefferson Papers												
Peter B. Lewis Center - Arts												
Music												
Near Eastern Studies												
Near Eastern Studies Program												
Philosophy												
Politics												
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)												
Sociology												
Woodrow Wilson School	1	282										
Population Research (WWS)												
Survey Research Center (WWS)												
CENTERS, INSTITUTES & NON-DEPT'L	0	0	0	0	0	0	1	30	0	0	0	0
Art Museum							1	30				
Dean of the College (CBLI/McGraw Ctr)												
Graduate School												
Health Services												
Library												
Pace Center												
Teacher Preparation												
TOTAL, MAIN CAMPUS	32	7,669	51	5,657	28	5,502	13	382	17	5,463	5	755
Plasma Physics Laboratory												
GRAND TOTAL	32	7,669	51	5,657	28	5,502	13	382	17	5,463	5	755

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 CIA, DOI, DOJ, DOT, FAA, NARA, NHPRC, State Dept, & USIP

SECTION II

TABLE 7-1 - Section 3

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2014 - June 30, 2015)

DEPARTMENT / PROGRAM	DTRA/ NSA		NEH		ED		EPA		OTHER GOVT		GOVERNMENT	
NATURAL SCIENCES	1	207	0	0	0	0	0	0	6	632	454	88,126
Applied & Computational Math											16	2,351
Astrophysical Sciences	1	208									40	4,298
Atmospheric & Oceanic Sciences											23	6,043
Chemistry											52	9,891
Ecology & Evolutionary Biology									1	6	23	1,586
Geosciences									2	70	41	3,156
Lewis-Siegler Institute											39	8,308
Mathematics		(0)									45	2,923
Molecular Biology											59	13,807
Physics											58	23,269
Princeton Environmental Institute									3	556	12	3,775
Princeton Inst for Computat'l Sci & Engin (PICSciE)											2	212
Princeton Neuroscience Institute (PNI)											38	7,288
Psychology											6	1,219
ENGINEERING & APPLIED SCIENCES	1	16	0	0	0	0	3	97	4	634	297	44,503
Andlinger Ctr for Energy & Environment											10	1,159
Center for Information Technology Policy											1	127
Chemical & Biological Engineering											39	4,969
Civil & Environ. Engineering							2	22	1	195	49	3,298
Computer Science											42	5,974
Electrical Engineering							1	75			49	4,661
Mechanical & Aerospace Engineering									1	201	42	6,711
Oper. Res. & Financial Engineering	1	16									21	2,337
PRISM									2	238	44	15,267
HUMANITIES & SOCIAL SCIENCES	0	0	0	0	1	151	0	0	3	163	42	6,668
African-American Studies											0	0
Anthropology											1	2
Architecture School											0	0
Art & Archaeology											0	0
Center for the Study of Religion											0	0
Classics											0	0
Comparative Literature											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											9	468
English											0	0
French & Italian											0	0
Gender and Sexuality Studies											0	0
History											0	0
History of Science											1	18
Jefferson Papers									1	122	1	122
Peter B. Lewis Center - Arts											0	0
Music									1	2	1	2
Near Eastern Studies											0	0
Near Eastern Studies Program					1	151					1	151
Philosophy											0	0
Politics									1	40	5	162
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)											0	0
Sociology											4	74
Woodrow Wilson School											4	1,071
Population Research (WWS)											15	4,598
Survey Research Center (WWS)											0	0
CENTERS, INSTITUTES & NON-DEPT'L	0	0	1	9	0	0	0	0	1	38	3	77
Art Museum									1	38	2	68
Dean of the College (CBLI/McGraw Ctr)											0	0
Graduate School											0	0
Health Services											0	0
Library			1	9							1	9
Pace Center											0	0
Teacher Preparation											0	0
TOTAL, MAIN CAMPUS	2	223	1	9	1	151	3	97	14	1,467	796	139,374
Plasma Physics Laboratory											4	111,059
GRAND TOTAL	2	223	1	9	1	151	3	97	14	1,467	800	250,432

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 CIA, DOI, DOJ, DOT, FAA, NARA, NHPRC, State Dept, & USIP

SECTION II

TABLE 7-1 - Section 4

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2014 - June 30, 2015)

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
NATURAL SCIENCES	108	9,628	37	5,998	163	12,126
Applied & Computational Math	3	206			3	416
Astrophysical Sciences	3	180			34	2,681
Atmospheric & Oceanic Sciences					6	349
Chemistry	12	900	14	2,664	15	1,785
Ecology & Evolutionary Biology	8	314			15	1,122
Geosciences	5	183	2	129	15	699
Lewis-Siegler Institute	7	833			22	2,343
Mathematics	10	427				0
Molecular Biology	19	1,328	9	226	35	1,906
Physics	11	1,508	6	634	5	257
Princeton Environmental Institute	3	434	2	2,094	2	64
Princeton Inst for Computat'l Sci & Engin (PICSciE)					1	21
Princeton Neuroscience Institute (PNI)	20	2,874	4	250	6	250
Psychology	7	439			4	232
ENGINEERING & APPLIED SCIENCES	29	3,569	54	5,200	80	8,524
Andlinger Ctr for Energy & Environment	1	1,113			1	49
Center for Information Technology Policy						
Chemical & Biological Engineering	10	322	11	706	12	1,142
Civil & Environ. Engineering	1	3	7	352	21	1,022
Computer Science	9	438	5	259	11	774
Electrical Engineering	2	232	7	592	10	2,782
Mechanical & Aerospace Engineering	3	88	15	2,009	16	1,950
Oper. Res. & Financial Engineering			3	485	4	128
PRISM	3	1,372	6	798	5	676
HUMANITIES & SOCIAL SCIENCES	69	7,467	0	0	28	1,781
African-American Studies	1	1				
Anthropology						
Architecture School	1	571				
Art & Archaeology	0	1				
Center for the Study of Religion	2	141				
Classics	1	234				
Comparative Literature	1	4				
East Asian Studies	1	260				
East Asian Studies Program	1	19				
Economics	4	106			2	70
English	1	38				
French & Italian	1	2				
Gender and Sexuality Studies	1	37				
History	3	7			1	82
History of Science						
Jefferson Papers						
Peter B. Lewis Center - Arts	1	196				
Music						
Near Eastern Studies	1	19			1	25
Near Eastern Studies Program						
Philosophy					4	281
Politics	10	517			2	33
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	1	44				
Sociology	2	16			2	135
Woodrow Wilson School	31	4,841			12	1,066
Population Research (WWS)	4	195			4	89
Survey Research Center (WWS)	1	217				
CENTERS, INSTITUTES & NON-DEPT'L	5	131	0	0	8	389
Art Museum	1	85				
Dean of the College (CBLI/McGraw Ctr)	1	1			1	34
Graduate School	1	36				
Health Services	1	7			2	226
Library					1	78
Pace Center	1	2			3	25
Teacher Preparation					1	26
TOTAL, MAIN CAMPUS	211	20,794	91	11,198	279	22,820
Plasma Physics Laboratory			7	518	9	784
GRAND TOTAL	211	20,794	98	11,716	288	23,604

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 CIA, DOI, DOJ, DOT, FAA, NARA, NHPRC, State Dept, & USIP

SECTION II

TABLE 7-2 - Section 1

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)**BY DEPARTMENT AND PRIME SPONSOR** (July 1, 2014 - June 30, 2015)

DEPARTMENT / PROGRAM	No. of Projects	GRAND TOTAL EXPENDITURES	NIH		NSF		DOE		AIR FORCE	
NATURAL SCIENCES	762	115,877	174	34,287	212	33,488	51	9,291	14	3,141
Applied & Computational Math	22	2,974	3	290	5	487	2	293	4	1,174
Astrophysical Sciences	77	7,159			21	3,051	12	1,074		
Atmospheric & Oceanic Sciences	29	6,392			10	652	5	676		
Chemistry	93	15,240	23	4,754	19	1,976	10	1,745	7	1,063
Ecology & Evolutionary Biology	46	3,023	9	951	17	931				
Geosciences	63	4,167			36	2,489	5	396	1	271
Lewis-Siegler Institute	68	11,484	42	8,335	8	946	2	472		
Mathematics	55	3,350			44	2,776			1	148
Molecular Biology	122	17,267	62	12,798	5	840				
Physics	80	25,669	1	53	32	15,399	13	4,258	1	486
Princeton Environmental Institute	19	6,367			6	2,737	1	356		
Princeton Inst for Computat'l Sci & Engin (PICSciE)	3	233			2	212	1	21		
Princeton Neuroscience Institute (PNI)	68	10,662	28	5,803	6	947				
Psychology	17	1,890	6	1,303	1	44				
ENGINEERING & APPLIED SCIENCES	460	61,796	20	3,312	168	18,965	40	7,163	36	8,325
Andlinger Ctr for Energy & Environment	12	2,321			5	150	3	868	2	168
Center for Information Technology Policy	1	127			1	127				
Chemical & Biological Engineering	72	7,139	9	1,366	21	1,672	8	775	5	1,675
Civil & Environ. Engineering	78	4,676			21	1,146	7	670		
Computer Science	67	7,444	2	171	39	4,206			2	1,268
Electrical Engineering	68	8,267			37	3,247	3	586	8	1,226
Mechanical & Aerospace Engineering	76	10,758			9	730	9	1,404	14	2,472
Oper. Res. & Financial Engineering	28	2,950	5	817	13	622	1	4	2	592
PRISM	58	18,114	4	957	22	7,067	9	2,855	3	924
HUMANITIES & SOCIAL SCIENCES	139	15,916	18	4,830	24	743	0	0	1	687
African-American Studies	1	950								
Anthropology	1	2			1	2				
Architecture School	1	571								
Art & Archaeology	0	1								
Center for the Study of Religion	2	141								
Classics	1	234								
Comparative Literature	1	4								
East Asian Studies	1	260								
East Asian Studies Program	1	19								
Economics	15	645			9	468				
English	1	38								
French & Italian	1	2								
Gender and Sexuality Studies	1	37								
History	4	89								
History of Science	1	18			1	18				
Jefferson Papers	1	122								
Peter B. Lewis Center - Arts	1	196								
Music	1	2								
Near Eastern Studies	2	44								
Near Eastern Studies Program	1	151								
Philosophy	4	281			3	40				
Politics	17	712			4	122				
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	1	44								
Sociology	8	225			4	74				
Woodrow Wilson School	47	6,978	3	203	1	10			1	687
Population Research (WWS)	23	4,881	15	4,626	1	9				
Survey Research Center (WWS)	1	217								
CENTERS, INSTITUTES & NON-DEPT'L	16	598	0	0	0	0	0	0	0	0
Art Museum	3	153								
Dean of the College (CBLI/McGraw Ctr)	2	36								
Graduate School	1	36								
Health Services	3	233								
Library	2	87								
Pace Center	4	26								
Teacher Preparation	1	26								
TOTAL, MAIN CAMPUS	1377	194,186	212	42,428	404	53,196	91	16,454	51	12,153
Plasma Physics Laboratory	20	112,360			3	542	3	110,768	3	393
GRAND TOTAL	1397	306,546	212	42,428	407	53,738	94	127,222	54	12,547

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 CIA, DHS, DOI, DOJ, DOT, FAA, FBI, NARA, NHPRC, State Dept, & USIP

SECTION II

TABLE 7-2 - Section 2

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)
BY DEPARTMENT AND PRIME SPONSOR (July 1, 2014 - June 30, 2015)

DEPARTMENT / PROGRAM	NAVY		NASA		ARMY		STATE OF NJ		DOC		DARPA	
NATURAL SCIENCES	14	2,111	57	5,679	16	3,500	12	352	8	4,818	5	882
Applied & Computational Math	5	524										
Astrophysical Sciences			36	2,417								
Atmospheric & Oceanic Sciences	1	53	5	177					6	4,698		
Chemistry	2	689			3	1,396						
Ecology & Evolutionary Biology					1	92			1	18		
Geosciences			7	468					1	103		
Lewis-Siegler Institute	1	270					1	67			1	302
Mathematics												
Molecular Biology					4	1,211	10	214				
Physics	4	288	7	2,558	4	490					3	487
Princeton Environmental Institute			2	58	2	132						
Princeton Inst for Computat'l Sci & Engin (PICSciE)												
Princeton Neuroscience Institute (PNI)	1	287			2	180	1	71			1	93
Psychology												
ENGINEERING & APPLIED SCIENCES	21	5,772	33	2,030	20	3,071	0	0	11	673	16	2,676
Andlinger Ctr for Energy & Environment			1	22								
Center for Information Technology Policy												
Chemical & Biological Engineering	1	111			2	219			1	3		
Civil & Environ. Engineering			20	1,160	3	203			10	670		
Computer Science	2	324									8	755
Electrical Engineering	3	265			3	506					4	1,307
Mechanical & Aerospace Engineering	11	2,762	12	848	5	427						
Oper. Res. & Financial Engineering	1	169			1	215						
PRISM	3	2,142			6	1,502					4	614
HUMANITIES & SOCIAL SCIENCES	2	306	1	43	0	0	0	0	0	0	0	0
African-American Studies												
Anthropology												
Architecture School												
Art & Archaeology												
Center for the Study of Religion												
Classics												
Comparative Literature												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
French & Italian												
Gender and Sexuality Studies												
History												
History of Science												
Jefferson Papers												
Peter B. Lewis Center - Arts												
Music												
Near Eastern Studies												
Near Eastern Studies Program												
Philosophy												
Politics												
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)												
Sociology			1	43								
Woodrow Wilson School	2	306										
Population Research (WWS)												
Survey Research Center (WWS)												
CENTERS, INSTITUTES & NON-DEPT'L	0	0	0	0	1	85	2	56	0	0	0	0
Art Museum							1	30				
Dean of the College (CBLI/McGraw Ctr)												
Graduate School												
Health Services					1	85						
Library												
Pace Center												
Teacher Preparation							1	26				
TOTAL, MAIN CAMPUS	37	8,189	91	7,751	37	6,657	14	408	19	5,490	21	3,557
Plasma Physics Laboratory												
GRAND TOTAL	37	8,189	91	7,751	37	6,657	14	408	19	5,490	21	3,557

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 CIA, DHS, DOI, DOJ, DOT, FAA, FBI, NARA, NHPRC, State Dept, & USIP

SECTION II

TABLE 7-2 - Section 3

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)**BY DEPARTMENT AND PRIME SPONSOR** (July 1, 2014 - June 30, 2015)

DEPARTMENT / PROGRAM	DTRA/ NSA		NEH		ED		EPA		OTHER GOVT		GOVERNMENT	
NATURAL SCIENCES	1	207	0	0	0	0	0	0	8	688	572	98,443
Applied & Computational Math											19	2,768
Astrophysical Sciences	1	208									70	6,750
Atmospheric & Oceanic Sciences											27	6,256
Chemistry											64	11,623
Ecology & Evolutionary Biology									1	6	29	1,997
Geosciences									3	96	53	3,823
Lewis-Siegler Institute											55	10,391
Mathematics		(0)									45	2,923
Molecular Biology											81	15,063
Physics											65	24,019
Princeton Environmental Institute									3	556	14	3,839
Princeton Inst for Computat'l Sci & Engin (PICSciE)											3	233
Princeton Neuroscience Institute (PNI)									1	30	40	7,410
Psychology											7	1,347
ENGINEERING & APPLIED SCIENCES	1	16	0	0	0	0	3	97	7	1,032	376	53,130
Andlinger Ctr for Energy & Environment											11	1,208
Center for Information Technology Policy											1	127
Chemical & Biological Engineering											47	5,820
Civil & Environ. Engineering							2	22	3	271	66	4,141
Computer Science											53	6,724
Electrical Engineering							1	75			59	7,211
Mechanical & Aerospace Engineering									1	201	61	8,844
Oper. Res. & Financial Engineering	1	16									24	2,433
PRISM									3	560	54	16,621
HUMANITIES & SOCIAL SCIENCES	0	0	0	0	1	151	0	0	4	201	51	6,960
African-American Studies											0	0
Anthropology											1	2
Architecture School											0	0
Art & Archaeology											0	0
Center for the Study of Religion											0	0
Classics											0	0
Comparative Literature											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											9	468
English											0	0
French & Italian											0	0
Gender and Sexuality Studies											0	0
History											0	0
History of Science											1	18
Jefferson Papers									1	122	1	122
Peter B. Lewis Center - Arts											0	0
Music									1	2	1	2
Near Eastern Studies											0	0
Near Eastern Studies Program					1	151					1	151
Philosophy											3	40
Politics									1	40	5	162
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)											0	0
Sociology											5	117
Woodrow Wilson School											7	1,206
Population Research (WWS)									1	38	17	4,673
Survey Research Center (WWS)											0	0
CENTERS, INSTITUTES & NON-DEPT'L	0	0	1	9	0	0	0	0	1	38	5	189
Art Museum									1	38	2	68
Dean of the College (CBLI/McGraw Ctr)											0	0
Graduate School											0	0
Health Services											1	85
Library			1	9							1	9
Pace Center											0	0
Teacher Preparation											1	26
TOTAL, MAIN CAMPUS	2	223	1	9	1	151	3	97	20	1,958	1004	158,722
Plasma Physics Laboratory											9	111,703
GRAND TOTAL	2	223	1	9	1	151	3	97	20	1,958	1013	270,425

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 CIA, DHS, DOI, DOJ, DOT, FAA, FBI, NARA, NHPRC, State Dept, & USIP

SECTION II

TABLE 7-2 - Section 4

MASTER SUMMARY OF SPONSORED RESEARCH - BY PRIME SPONSOR (Expenditures - \$ in Thousands)
BY DEPARTMENT AND PRIME SPONSOR (July 1, 2014 - June 30, 2015)

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
NATURAL SCIENCES	108	9,627	30	5,346	52	2,461
Applied & Computational Math	3	206				
Astrophysical Sciences	3	180			4	228
Atmospheric & Oceanic Sciences					2	136
Chemistry	12	900	14	2,664	3	54
Ecology & Evolutionary Biology	8	314			9	711
Geosciences	5	183	2	129	3	31
Lewis-Siegler Institute	7	833			6	260
Mathematics	10	427				0
Molecular Biology	19	1,328	8	206	14	669
Physics	11	1,508	2	125	2	17
Princeton Environmental Institute	3	434	2	2,094		
Princeton Inst for Computat'l Sci & Engin (PICSciE)						
Princeton Neuroscience Institute (PNI)	20	2,874	2	128	6	250
Psychology	7	439			3	103
ENGINEERING & APPLIED SCIENCES	29	3,569	33	3,296	22	1,801
Andlinger Ctr for Energy & Environment	1	1,113				
Center for Information Technology Policy						
Chemical & Biological Engineering	10	322	9	483	6	513
Civil & Environ. Engineering	1	3	5	191	6	341
Computer Science	9	438	3	169	2	114
Electrical Engineering	2	232	3	258	4	566
Mechanical & Aerospace Engineering	3	88	9	1,590	3	236
Oper. Res. & Financial Engineering			3	485	1	32
PRISM	3	1,372	1	120		
HUMANITIES & SOCIAL SCIENCES	69	7,467	0	0	19	1,488
African-American Studies	1	1				
Anthropology						
Architecture School	1	571				
Art & Archaeology	0	1				
Center for the Study of Religion	2	141				
Classics	1	234				
Comparative Literature	1	4				
East Asian Studies	1	260				
East Asian Studies Program	1	19				
Economics	4	106			2	70
English	1	38				
French & Italian	1	2				
Gender and Sexuality Studies	1	37				
History	3	7			1	82
History of Science						
Jefferson Papers						
Peter B. Lewis Center - Arts	1	196				
Music						
Near Eastern Studies	1	19			1	25
Near Eastern Studies Program						
Philosophy					1	241
Politics	10	517			2	33
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	1	44				
Sociology	2	16			1	92
Woodrow Wilson School	31	4,841			9	932
Population Research (WWS)	4	195			2	13
Survey Research Center (WWS)	1	217				
CENTERS, INSTITUTES & NON-DEPT'L	5	131	0	0	6	278
Art Museum	1	85				
Dean of the College (CBLI/McGraw Ctr)	1	1			1	34
Graduate School	1	36				
Health Services	1	7			1	141
Library					1	78
Pace Center	1	2			3	25
Teacher Preparation				0		
TOTAL, MAIN CAMPUS	211	20,794	63	8,642	99	6,028
Plasma Physics Laboratory			4	274	7	383
GRAND TOTAL	211	20,794	67	8,915	106	6,411

NOTES:

- Figures are rounded out to nearest dollar
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- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes CIA, DHS, DOI, DOJ, DOT, FAA, FBI, NARA, NHPRC, State Dept, & USIP

SECTION III

This Section lists sponsored awards by department/program which were active during the period of July 1, 2014 to June 30, 2015.

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Andlinger Center for Energy and the Environment

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Rand,Barry P	AWD1004099	Grant	Exploring the Impact of the Local Environment on Charge Transfer States at Molecular Donor-Acceptor Heterojunctions	DOE - Washington	8/15/2014	8/14/2017	\$580,002
Steingart,Daniel A	AWD1004104	Grant	Collaborative Research: High-Density, Cost-Effective Electrochemical Power Management with Real-Time Diagnostics	National Science Foundation	9/1/2014	8/31/2016	\$150,000
Carter,Emily A	AWD1004135	Grant	Unlocking Solar Water Splitting via Embedded Correlated Wavefunction Theory	Air Force Office of Scientific Research	8/1/2014	7/31/2019	\$1,050,000
Rand,Barry P	AWD1004182	Grant	ITO-Free White OLEDs on Flexible Substrates with Enhanced Light Outcoupling	DOE - Pittsburgh NETL	9/10/2014	11/9/2016	\$1,021,242
Larson,Eric D	AWD1004237	Grant	Techno-economic Evaluation of Jet Fuel from Lignite Plus Biomass with CO2 Capture	Southern Company	10/1/2014	9/30/2016	\$175,000
Larson,Eric D	AWD1004260	Cooperative Agreement	Design/Cost Study and Commercialization Analysis for Synthetic Jet Fuel Production at a Mississippi Site from Lignite and Woody Biomass with CO2 Capture and Storage via EOR	DOE - Pittsburgh NETL	10/1/2014	9/30/2016	\$1,275,832
Carter,Emily A	AWD1004297	Grant	Shedding Light on Plasmon-Based Photochemical and Photophysical Processes	Rice University	11/1/2014	1/31/2016	\$869,054
Meggers,Forrest M	AWD1004353	Grant	Downdraft Solar Chimney for Passive Cooling in Arid Climates	Tides Foundation	4/1/2015	3/31/2016	\$10,000
Carter,Emily A	AWD1004388	Grant	Advancing Orbital-Free Density Functional Theory: Physics, Algorithms, and Applications	Office of Naval Research	4/1/2015	3/31/2018	\$675,000
Carter,Emily A	AWD1004474	Contract	ExxonMobil Research and Engineering (EMRE) Company - Princeton E-filiates Partnership	ExxonMobil Research and Engineering Co.	6/4/2015	6/3/2020	\$2,500,000
Larson,Eric D	AWD1004608	Contract	Sustainable Transportation Energy with Net Negative Carbon Emissions: An Integrated Ecological and Engineering Systems Analysis	Stanford University	6/1/2015	5/31/2018	\$706,781
Carter,Emily A	CNV1000881	Grant	Quantum Mechanical Evaluation of CZTS Photovoltaic Materials	DOE - Washington	9/1/2009	11/30/2015	\$1,207,000
Steingart,Daniel A	CNV1002209	Grant	EAGER: Collaborative Research: Shear Dependent Reaction Kinetics in Particulate Electrochemical Energy Storage	National Science Foundation	2/15/2013	1/31/2015	\$48,000
Nordenson,Guy J P	CNV1002656	Grant	New Directions in Coastal Resilient Design Strategies - Four Integrated Designs	The Rockefeller Foundation	7/1/2013	9/30/2015	\$2,272,652
Steingart,Daniel A	CNV1002657	Contract	Experimental Design and Software Development for In Situ Characterization in Alkaline or Flow-Assisted Electrochemical Energy Storage Systems	Brookhaven National Laboratory	8/8/2013	8/15/2014	\$23,518

Andlinger Center for Energy and the Environment (2)ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Carter,Emily A	CNV1002660	Grant	CDS&E: Correlated Wavefunction Methods for Gas and Condensed Phases	National Science Foundation	9/1/2013	8/31/2016	\$420,000
Steingart,Daniel A	CNV1002880	Grant	Structural Batteries for Hybrid Electric Propulsion System	NASA Glenn Research Center	9/18/2013	9/17/2015	\$29,999
White,Claire E	CNV1003136	Grant	Sulfate Attack Mechanisms in Geopolymers: Measurements and Modeling at the Nanoscale	National Science Foundation	7/1/2014	6/30/2017	\$299,933

ACTIVE SPONSORED AWARDS
7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Biehl,Joao	CNV1003253	Grant	Doctoral Dissertation Research: Untested Waters: Developing Climate Resilience in Tajikistan	National Science Foundation	9/1/2014	2/29/2016	\$16,733

Applied & Computational Mathematics

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Singer,Amit	AWD1004091	Grant	Improved Algorithms for Macromolecular Structure Determination by Cryo-EM	NIH NIGMS	8/1/2014	6/30/2018	\$1,311,545
Holmes,Philip J	AWD1004096	Grant	U.S. - German Collaboration: Central Pattern Generators and Reflexive Feedback in Insect Locomotion: A Cross-Species Study	National Science Foundation	8/15/2014	7/31/2017	\$506,745
E,Weinan	AWD1004197	Grant	Coupling Continuum and Density Functional Theories for Materials Modeling	National Science Foundation	8/15/2014	1/31/2016	\$124,829
Singer,Amit	AWD1004217	Grant	Moore Investigators in Data Driven-Discovery	Gordon and Betty Moore Foundation	12/1/2014	11/20/2019	\$1,500,063
Holmes,Philip J	AWD1004257	Grant	Integrative Functional Mapping of Sensory-Motor Pathways	Calif Inst of Technology (Cal Tech)	9/30/2014	7/31/2017	\$779,765
Chiang,Mung	CNV1000848	Grant	Information Dynamics as Foundation for Network Management	Air Force Office of Scientific Research	9/1/2009	8/31/2014	\$7,291,651
Carter,Emily A	CNV1000867	Grant	Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	University of South Carolina	8/1/2009	7/31/2015	\$1,094,655
Seymour,Paul D	CNV1001071	Grant	Immersion and Structural Graph Theory	Office of Naval Research	7/1/2010	9/30/2014	\$738,645
Carter,Emily A	CNV1001287	Grant	Next Generation Orbital-Free Density Functional Theory: Physics, Algorithms, and Applications	Office of Naval Research	10/1/2010	3/31/2015	\$1,350,000
Singer,Amit	CNV1001828	Grant	Vector Diffusion Maps: A New Framework for Organization and Inference of Complex Networks	Air Force Office of Scientific Research	6/15/2012	6/14/2017	\$1,000,000
Constantin,Peter	CNV1002044	Grant	Complex and Nonlocal Systems	National Science Foundation	9/17/2012	9/30/2016	\$599,998
Constantin,Peter	CNV1002123	Grant	Singularities, Mixing and Long Time Behavior in Nonlinear Evolution	National Science Foundation	4/9/2012	6/30/2015	\$252,337
E,Weinan	CNV1002142	Grant	Modeling Mesoscale Processes of Scalable Synthesis	DOE - Washington	12/1/2012	11/30/2017	\$750,000
E,Weinan	CNV1002178	Grant	Multi-scale/Multi-physics Modeling: Rare events in Complex Systems	Office of Naval Research	2/1/2013	7/31/2016	\$524,809
Singer,Amit	CNV1002205	Grant	Discovery of Empirical Components by Information Theory, Random Matrix Theory, and Computational Topology	Air Force Office of Scientific Research	2/15/2013	2/14/2016	\$900,000
Singer,Amit	CNV1002421	Grant	Some Modern Applications of Representation Theory	Space and Naval Warfare Systems Command	8/1/2013	7/31/2014	\$200,000
Seymour,Paul D	CNV1002422	Grant	"Collaborative Research: Cliques, Stable Sets, and Approximate Structure"	National Science Foundation	8/1/2013	7/31/2018	\$240,000
Seymour,Paul D	CNV1003052	Grant	Problems in Graph Theory	Office of Naval Research	4/1/2014	3/31/2017	\$533,986
Singer,Amit	CNV1003113	Grant	Simons Collaboration on Algorithms and Geometry	The Simons Foundation	8/1/2014	7/31/2018	\$555,966

ArchitectureACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Allen, Stanley T	CNV1002893	Grant	Princeton-Mellon Architecture, Urbanism, and Humanities Initiative: Cities of the Americas: Architecture, Society, Policy, and Culture	The Andrew W. Mellon Foundation	10/1/2013	9/30/2017	\$1,966,086

Art & ArchaeologyACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Barber, Charles E	AWD1004490	Grant	A New Look: Sinai and Its Icons in Light of the Digitization of the Weitzmann Archive	Samuel H. Kress Foundation	4/17/2015	4/18/2015	\$4,500

Art MuseumACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Steward,James C	AWD1004224	Grant	Programming for the Art Museum	Rita Allen Foundation, Inc.	11/1/2014	11/30/2015	\$5,000
Steward,James C	AWD1004270	Grant	The Minor White Photography Archive at the Princeton University Art Museum: Digitization, Documentation and Access	U.S. Inst of Museum & Library Services	11/1/2014	10/31/2016	\$99,493
Steward,James C	AWD1004273	Grant	PUAM - FY2015 Application for General Program Support	NJ State Council on the Arts	7/1/2014	6/30/2015	\$30,000
Steward,James C	CNV1001420	Grant	Princeton University Art Museum Interpretive Initiative	The Andrew W. Mellon Foundation	7/1/2011	12/31/2014	\$500,563
Steward,James C	CNV1003034	Grant	PUAM - FY2014 Application for General Program Support	NJ State Council on the Arts	7/1/2013	7/30/2014	\$30,000

Astrophysical Sciences

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Draine,Bruce T	AWD1004067	Grant	Interstellar Dust: Optics and Models	National Science Foundation	8/15/2014	7/31/2017	\$454,820
Rafikov,Roman R	AWD1004114	Grant	Signposts of Planetary Systems Around Evolved Stars: A New Perspective on Extrasolar Planets	National Science Foundation	9/1/2014	8/31/2017	\$396,472
Burrows,Adam S	AWD1004122	Grant	Three Dimensional Modeling of Core-Collapse	National Science Foundation	9/1/2014	8/31/2015	\$2,430
Caprioli,Damiano	AWD1004144	Grant	Gamma-Rays from Super-Nova Remnants: A Multi-Scale Approach	NASA Headquarters - Washington	9/1/2014	8/31/2016	\$90,000
Greene,Jenny E	AWD1004146	Grant	Collaborative Research: MASSIVE - A Survey of the 100 Most Massive Galaxies within 100 Mpc	National Science Foundation	9/1/2014	8/31/2017	\$317,602
Bakos,Gaspar A	AWD1004163	Contract	Confirming and Characterizing Transiting Neptunes and Multi-Planet Transiting Hot Jupiter Systems using Keck/HIRES	Cal Tech - Jet Propulsion Lab (JPL)	7/7/2014	9/30/2016	\$16,000
Ebrahimi,Fatima	AWD1004183	Grant	Global Simulations of Dynamo and Magnetorotational Instability in Madison Plasma Experiments and Astrophysical Disks	DOE - Germantown	9/15/2014	9/14/2016	\$220,000
Spergel,David N	AWD1004187	Grant	Tidal Effects in Few-body Interactions	Smithsonian Astrophysical Observatory	12/1/2014	11/30/2016	\$225,313
Spitkovsky,Anatoly	AWD1004192	Grant	Gamma-Ray Production in Pulsar Current Sheets	NASA Headquarters - Washington	9/1/2014	8/31/2016	\$180,000
Bakos,Gaspar A	AWD1004209	Contract	Supporting TESS from the ground with HATNET	Massachusetts Institute of Technology	10/1/2014	10/8/2019	\$374,646
Gunn,James E	AWD1004250	Grant	ARC Agreement SSP422, SDSS-IV Support	Astrophysical Research Consortium (ARC)	4/1/2014	12/31/2015	\$114,853
Lupton,Robert H	AWD1004264	Contract	Testbed Photometric Data Processor	Assn of Univ for Rsrch in Astronomy, Inc	10/1/2014	9/30/2016	\$2,131,244
Greene,Jenny E	AWD1004265	Contract	The Hosts of Megamaser Galaxies (II)	Space Telescope Science Institute	1/1/2015	12/31/2017	\$87,692
Bowen,David V	AWD1004288	Contract	The COS Absorption Survey of Baryon Harbors (CASBaH): Probing the Circumgalactic Media of Galaxies from $z = 0$ to $z = 1.5$	Space Telescope Science Institute	1/1/2015	12/31/2017	\$83,714
Goulding,Andrew D	AWD1004302	Grant	Probing the Extreme AGN Blowout Phase of Galaxy Evolution	Smithsonian Astrophysical Observatory	12/25/2014	1/31/2017	\$36,183
Burrows,Adam S	AWD1004320	Contract	Expected Scientific Return from Direct-Imaging Exoplanet Missions	Cal Tech - Jet Propulsion Lab (JPL)	9/1/2014	1/31/2015	\$15,861
Burrows,Adam S	AWD1004324	Grant	Optimal Observational Diagnostics for Transiting Exoplanetary Atmospheres	University of Maryland	1/26/2015	1/25/2018	\$135,000
Goulding,Andrew D	AWD1004332	Grant	Harnessing the Full Power of the Widest Chandra Field	Smithsonian Astrophysical Observatory	3/3/2015	2/28/2016	\$43,576

Astrophysical Sciences (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Jenkins,Edward B	AWD1004333	Contract	Constraining the Cosmic-ray Acceleration and Gamma-ray Emission Processes in IC 443	Space Telescope Science Institute	3/1/2015	2/28/2018	\$19,764
Bakos,Gaspar A	AWD1004337	Contract	Confirming and Characterizing Transiting Neptunes and Transiting Planets around M Dwarfs	Cal Tech - Jet Propulsion Lab (JPL)	3/28/2015	1/15/2017	\$19,000
Morton,Timothy D	AWD1004342	Grant	The Robo-AO survey of Kepler Exoplanet Hosts	Univ of No Carolina at Chapel Hill	1/1/2015	12/31/2016	\$41,858
Bowen,David V	AWD1004347	Contract	Baryon Structures Around Nearby Galaxies: Using an Edge-On Disk to Assess Inflow/Outflow Models	Space Telescope Science Institute	3/1/2015	2/28/2018	\$174,107
Huang,Yi-Min	AWD1004381	Grant	Plasma Instabilities in Post-Eruption Solar Corona, Formation of Plasmoids and Supra-Arcade Downflows	National Science Foundation	5/15/2015	4/30/2018	\$357,000
Bhattacharjee,Amitava	AWD1004412	Grant	Fast Magnetic Reconnection in High-Energy Laser-Produced Plasmas	University of New Hampshire	11/1/2014	8/31/2016	\$136,000
Bhattacharjee,Amitava	AWD1004507	Grant	Collaborative Research: Integration of Extended MHD and Kinetic Effects in Global Magnetosphere Models	National Science Foundation	10/21/2014	5/31/2018	\$612,689
Burrows,Adam S	AWD1004469	Contract	Preparing to Observe Exoplanets with the James Webb Space Telescope and WFIRST-AFTA	Cal Tech - Jet Propulsion Lab (JPL)	6/8/2015	9/27/2015	\$40,000
Spitkovsky,Anatoly	AWD1004518	Grant	First-Principles Simulations of Pulsar Magnetospheres	NASA Headquarters - Washington	6/5/2015	6/4/2018	\$599,406
Lupton,Robert H	CNV1000224	Grant	Testbed Photometric Data Processor (TPDP)	National Optical Astronomy Observatory	9/1/2005	9/30/2014	\$2,044,800
Fisch,Nathaniel J	CNV1000429	Grant	Fundamental Issues in the Interaction of Intense Lasers with Plasma	DOE- Albuquerque Operations Office	4/18/2008	4/17/2016	\$2,064,300
Goodman,Jeremy J	CNV1000654	Grant	Physics Frontiers Center, "Center for Magnetic Self-Organization in Laboratory and Astrophysical Plasmas"	University of Wisconsin	9/1/2008	12/31/2015	\$1,915,876
Fisch,Nathaniel J	CNV1000729	Grant	Alpha Channeling in Open-System Magnetic Devices	DOE - Germantown	4/1/2009	3/31/2016	\$180,000
Gunn,James E	CNV1000678	Grant	ARC Agreement SSP311, SDSS3/BOSS	Astrophysical Research Consortium (ARC)	10/1/2008	12/31/2014	\$969,855
Burrows,Adam S	CNV1001073	Grant	PetaCactus: Unraveling the Supernova -- Gamma-Ray Burst Mystery	Louisiana State University (LSU)	9/1/2009	8/31/2014	\$525,692
Goodman,Jeremy J	CNV1001093	Grant	Predicting Signatures of Accretion and Turbulence in Protoplanetary Disks	NASA Headquarters - Washington	9/1/2010	8/31/2016	\$362,000
Draine,Bruce T	CNV1001151	Grant	Optical Properties of Interstellar Dust	National Science Foundation	8/1/2010	7/31/2014	\$332,781
Stone,James M	CNV1001375	Grant	Radiation/MHD Simulations of Accretion	The Johns Hopkins University	2/18/2011	1/31/2015	\$346,310
Greene,Jenny E	CNV1001388	Grant	Sloan Fellowship: Black Hole Growth and Galaxy Evolution	Alfred P. Sloan Foundation	9/15/2011	9/14/2014	\$50,000
Cen,Renyue	CNV1001415	Grant	Formation and Evolution of Galaxies and the Intergalactic Medium	NASA Headquarters - Washington	7/1/2011	6/30/2015	\$450,000

Astrophysical Sciences (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Fisch,Nathaniel J	CNV1001447	Grant	Wave Compression in High Energy Density Matter: Building Switches in Dense Plasmas	Defense Threat Reduction Agency	7/7/2011	7/17/2016	\$640,000
Burrows,Adam S	CNV1001508	Grant	Life on the Edge: Planetary Atmospheres in Extreme Environments	Cal Tech - Jet Propulsion Lab (JPL)	8/2/2011	9/30/2014	\$35,000
Stone,James M	CNV1001509	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	9/1/2011	8/31/2014	\$318,909
Cen,Renyue	CNV1001519	Grant	Simulating Galaxies Across Reionization: A Multiwavelength View	National Science Foundation	9/1/2011	2/28/2016	\$624,088
Bakos,Gaspar A	CNV1001523	Grant	From Hot Jupiters to Super Earths with HATNet and HATSouth	National Science Foundation	9/1/2011	8/31/2014	\$762,823
Bowen,David V	CNV1001616	Contract	QSO Absorption Line Systems from Dwarf Galaxies	Space Telescope Science Institute	11/1/2011	10/31/2016	\$184,453
Greene,Jenny E	CNV1001654	Contract	The Hosts of Megamaser Disk Galaxies	Space Telescope Science Institute	1/1/2012	12/31/2014	\$89,001
Spitkovsky,Anatoly	CNV1001727	Cooperative Agreement	High Energy Emission from Pulsar Magnetospheres and Winds	NASA Headquarters - Washington	4/1/2012	3/31/2015	\$434,750
Greene,Jenny E	CNV1001731	Contract	Identifying Analogs of NGC 6240: Galaxies with Dual Supermassive Black Holes	Space Telescope Science Institute	3/1/2012	2/28/2015	\$24,700
Burrows,Adam S	CNV1001732	Contract	An Optical Transmission Spectral Survey of Hot-Jupiter Exoplanetary Atmospheres	Space Telescope Science Institute	3/1/2012	2/28/2015	\$19,301
Stone,James M	CNV1001734	Grant	A Max-Planck/Princeton Research Center for Plasma Physics	National Science Foundation	4/1/2012	3/31/2016	\$950,002
Cen,Renyue	CNV1001755	Grant	High-Redshift Galaxy Formation Simulations	NASA Headquarters -	7/1/2012	6/30/2016	\$529,000
Bakos,Gaspar A	CNV1001788	Grant	Alfred P. Sloan Research Fellowship for Dr. Gaspar Bakos in Physics	Alfred P. Sloan Foundation	9/15/2012	9/15/2014	\$50,000
Spergel,David N	CNV1001817	Grant	Cosmic Microwave Background as a Probe of the Low Redshift	NASA Headquarters - Washington	5/1/2012	4/30/2016	\$300,000
Fisch,Nathaniel J	CNV1001836	Grant	Electromagnetic Wave Compression in Plasma	National Science Foundation	6/15/2012	5/31/2016	\$420,000
Spergel,David N	CNV1001983	Contract	Optimal Cosmological Inference from Lensing and Redshift Observations: Cosmology Beyond Cosmic	Cal Tech - Jet Propulsion Lab (JPL)	9/1/2012	8/31/2015	\$383,850
Walkowicz,Lucianne M	CNV1002118	Grant	Stellar Lighthouses: Decoding Signatures of Advanced Civilizations in Precision Stellar Photometry	University of Chicago	10/1/2012	8/31/2014	\$249,905
Spergel,David N	CNV1002119	Grant	Detecting of Falsifying the Multiverse	University of Chicago	10/1/2012	8/31/2014	\$177,900
Bakos,Gaspar A	CNV1002124	Grant	Packard Fellowship Grant: Gaspar Bakos	The David and Lucile Packard Foundation	10/17/2012	10/15/2017	\$875,000
Jenkins,Edward B	CNV1002127	Contract	The Physical and Dynamical Properties of Gas that Molds the Fermi Bubbles	Space Telescope Science Institute	11/1/2012	10/31/2015	\$119,308

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ACTIVE SPONSORED AWARDS

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Prieto,Jose L	CNV1002135	Contract	The Stellar Environment of SN 2008jb: Resolving the Nature of the Progenitor	Space Telescope Science Institute	11/1/2012	10/31/2014	\$7,930
Bowen,David V	CNV1002153	Contract	Mapping Baryons in the Halo of NGC 1097	Space Telescope Science Institute	10/1/2012	9/30/2016	\$221,221
Price,Paul A	CNV1002154	Contract	A Homogeneous ACS Dataset for Realistic Galaxy Simulations	Space Telescope Science Institute	11/1/2012	10/31/2015	\$13,299
Ostriker,Eve C	CNV1002169	Grant	From Galactic Centers to Galactic Fringes: Control of Star Formation in the Dynamic Interstellar Medium	National Science Foundation	12/15/2012	8/31/2014	\$157,855
Fisch,Nathaniel J	CNV1002184	Grant	Center for Pulsed Power Driven High Energy Density Plasmas	Cornell University	10/1/2012	9/30/2017	\$525,000
Spitkovsky,Anatoly	CNV1002423	Grant	Simons Fellowship in Theoretical Physics, Spitkovsky	The Simons Foundation	7/1/2013	7/31/2014	\$146,401
Bhattacharjee,Amitava	CNV1002424	Grant	Magnetic Reconnection in High-Energy-Density Laboratory Plasmas	University of New Hampshire	1/1/2013	8/14/2014	\$133,260
Bhattacharjee,Amitava	CNV1002425	Grant	Role of Collisionless Reconnection and Three-Dimensional Geometry in Coronal Eruption	University of New Hampshire	2/1/2013	12/21/2014	\$97,984
Bakos,Gaspar A	CNV1002427	Grant	Operating an Improved HAT Network to Discover and Characterize Many Planets, from Super-Earths to Super-Jupiters, Transiting Bright Stars	NASA Headquarters - Washington	4/9/2013	4/8/2016	\$771,800
Bhattacharjee,Amitava	CNV1002432	Grant	Collaborative Research: Integration of Extended MHD and Kinetic Effects in Global Magnetosphere Models	National Science Foundation	6/15/2013	5/31/2018	\$1,280,000
Brennan,Dylan P	CNV1002433	Grant	Interactions Between Microturbulence and Magnetohydrodynamic Instabilities in Magnetized Plasmas	DOE - Washington	8/15/2013	8/31/2016	\$105,000
Ebrahimi,Fatima	CNV1002434	Grant	Extended MHD Studies of Flow-Driven and Reconnecting Instabilities in Toroidal Plasmas	DOE - Germantown	8/15/2013	8/14/2016	\$425,000
Spitkovsky,Anatoly	CNV1002435	Grant	Generation of Collisionless Shocks in Laser-Produced Plasmas	DOE - National Nuclear Security Admin	8/1/2013	7/31/2015	\$289,070
Stone,James M	CNV1002436	Grant	Collaborative Research: Black Hole Accretion Theory and Computation Network	National Science Foundation	9/1/2013	8/31/2016	\$501,276
Burrows,Adam S	CNV1002437	Contract	The Explosion Mechanism of Core-Collapse Supernovae and its Observational Signatures	Space Telescope Science Institute	9/1/2013	8/31/2016	\$310,421
Stone,James M	CNV1002438	Contract	A Classical Problem in the New Era Helps to Find Young Planets in Birth	Space Telescope Science Institute	9/1/2013	8/31/2016	\$302,779
Spitkovsky,Anatoly	CNV1002439	Grant	Current Sheet Emission Model for Fermi Gamma-ray Pulsars	NASA Headquarters - Washington	8/6/2013	8/5/2015	\$90,000
Greene,Jenny E	CNV1002440	Grant	Megamaser Disk Galaxies and Secular Black Hole Growth	National Science Foundation	9/1/2013	8/31/2016	\$223,500

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Stone,James M	CNV1002441	Grant	MHD Models of Accretion Disks in Close Binaries	National Science Foundation	9/1/2013	8/31/2016	\$311,500
Spergel,David N	CNV1002442	Grant	Combining Thermal SZ and Gravitational Lensing Measurements: A Novel Approach to Measuring the Amplitude of Matter Fluctuations	National Science Foundation	9/15/2013	8/31/2016	\$539,488
Ostriker,Eve C	CNV1002443	Grant	The Physics of Feedback and Star Formation Regulation in Galactic Disks	National Science Foundation	9/1/2013	8/31/2016	\$415,516
Goodman,Jeremy J	CNV1002444	Grant	Experiments in Magnetohydrodynamic and Hydrodynamic Instabilities of Astrophysical Interest	National Science Foundation	9/15/2013	8/31/2016	\$487,630
Penev,Kaloyan M	CNV1002445	Grant	The Origins of Close-in Extrasolar Planets	NASA Headquarters - Washington	10/1/2013	9/30/2016	\$104,000
Burrows,Adam S	CNV1002754	Contract	Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey	Space Telescope Science Institute	12/1/2011	11/30/2014	\$9,999
Strauss,Michael A	CNV1002822	Contract	The Host Galaxies of High-Luminosity Obscured Quasars at z~2.5	Space Telescope Science Institute	2/1/2013	1/31/2016	\$4,768
Spergel,David N	CNV1002851	Contract	Constraining Dark Energy and Modified Gravity with Euclid	Cal Tech - Jet Propulsion Lab (JPL)	3/13/2013	10/31/2015	\$247,152
Burrows,Adam S	CNV1002852	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)	3/13/2013	9/30/2014	\$45,000
Bhattacharjee,Amitava	CNV1002855	Grant	SHINE: Instability of Large-Scale Current Sheets, Plasmoid Formation, and Particle Acceleration in Coronal Plasmas	National Science Foundation	1/1/2013	3/31/2015	\$157,775
Ji,Hantao	CNV1002872	Grant	Study of Particle Acceleration and Fine-Scale Structures of Collisionless Magnetic Reconnection Driven by High-Energy Petawatt Lasers	DOE - National Nuclear Security Admin	2/1/2013	1/31/2017	\$387,059
Jenkins,Edward B	CNV1002888	Contract	Filling in the Gaps in a Study of Gas that Molds the Fermi Bubbles: An Archival Supplement to a Cycle 20 GO Program	Space Telescope Science Institute	10/1/2013	9/30/2016	\$108,588
Greene,Jenny E	CNV1002892	Contract	AGN Fueling: Alignments Between Circumnuclear Structures and Radio Jets	Space Telescope Science Institute	10/1/2013	9/30/2016	\$42,026
Jenkins,Edward B	CNV1002901	Contract	Advanced Spectral Library II: Hot Stars	Space Telescope Science Institute	11/1/2013	10/31/2016	\$146,818
Ostriker,Eve C	CNV1002915	Grant	Collaborative Research: From the ISM to the IMF: Multi-Scale, Multi-Physics Modeling of Star Formation, Princeton Node	NASA Headquarters - Washington	1/1/2014	12/31/2016	\$502,897
Bhattacharjee,Amitava	CNV1002927	Grant	Dynamics and Instabilities of Magnetic Reconnection Current Sheets in High-Energy-Density Plasmas	DOE - National Nuclear Security Admin	10/1/2013	9/30/2016	\$198,253

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ACTIVE SPONSORED AWARDS

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Brennan,Dylan Patrick	CNV1002928	Grant	Development and Application of Predictive Tools for MHD Stability Limits in Tokomaks	The University of Tulsa	7/1/2013	5/31/2015	\$308,057
Burrows,Adam S	CNV1002929	Contract	Follow The Water: The Ultimate WFC3 Exoplanet Atmosphere Survey	Space Telescope Science Institute	12/1/2013	11/30/2016	\$20,000
Morton,Timothy D	CNV1002965	Grant	Completing the Kepler Census of Earth-like Planets	NASA Shared Services Center	2/11/2014	2/10/2017	\$448,851
Ji,Hantao	CNV1002989	Grant	MRI Consortium: Development of A Large Plasma Device for Studies of Magnetic Reconnection and Related Phenomena	National Science Foundation	10/1/2013	9/30/2016	\$3,078,369
Greene,Jenny E	CNV1002990	Grant	Chandra Cycle 15: The Demographics of Massive Black Holes in Dwarf Galaxies	Smithsonian Astrophysical Observatory	1/1/2014	2/28/2016	\$54,004
Spitkovsky,Anatoly	CNV1003037	Grant	Simons Investigator - A. Spitkovsky	The Simons Foundation	8/1/2014	7/31/2019	\$660,000
Hartman,Joel D	CNV1003073	Grant	Developing a General-Purpose Tool for Analyzing Time-Series Data from the NASA Kepler Mission	NASA Headquarters - Washington	3/19/2014	3/18/2017	\$107,935
Strauss,Michael A	CNV1003080	Grant	SpIES: The Spitzer-IRAC Equitorial Survey	Cal Tech - Jet Propulsion Lab (JPL)	3/10/2014	9/30/2015	\$16,000
Spergel,David N	CNV1003094	Grant	Combining WFIRST-AFTA Observations with CMB Measurements to Probe Large-Scale Velocity Fields	NASA Headquarters - Washington	5/1/2014	12/31/2016	\$110,208
Jenkins,Edward B	CNV1003137	Contract	Directly Probing $>10^6$ K Gas in Lyman Limit Absorbers at $z>2$	Space Telescope Science Institute	5/1/2014	4/30/2017	\$84,752

Atmospheric & Oceanic Sciences

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Fueglistaler,Stephan A	AWD1004008	Grant	Analysis of Cirrus Clouds and Atmospheric Humidity with Cloud Resolving Numerical Model Calculations	National Science Foundation	7/1/2014	6/30/2017	\$443,075
Key,Robert M	AWD1004049	Contract	Data Analysis of CLIVAR Data and C14	Woods Hole Oceanographic Institute	6/1/2014	9/30/2014	\$60,864
Rodgers,Keith B	AWD1004055	Grant	Synthesis of New Sea Surface pCO2 Data Products: Evaluation, Comparison, and Implications for the Global Carbon Cycle	NASA Headquarters - Washington	6/28/2014	6/27/2017	\$697,306
Sarmiento,Jorge L	AWD1004094	Cooperative Agreement	Three-Dimensional Structure of the Southern Ocean Overturning Circulation	DOE - Washington	8/15/2014	8/14/2017	\$624,213
Sarmiento,Jorge L	AWD1004131	Cooperative Agreement	Cooperative Institute for Climate Science	U.S. DOC - Natl Oceanic & Atmos Admin	7/1/2013	6/30/2018	\$24,385,156
Lin,Meiyun	AWD1004158	Grant	Statistics for Stratospheric Influence on Surface GHGs during NASA's North American Field Campaigns: A Study with Aircraft & Satellite Data and High-Resolution Global Models	NASA Goddard Space Flight Center	8/14/2014	8/13/2017	\$101,451
Key,Robert M	AWD1004198	Contract	Carbon Dioxide Information Analysis	UT-Battelle, LLC	8/22/2014	7/31/2015	\$99,999
Sarmiento,Jorge L	AWD1004298	Contract	Towards Reliable Projections of the Response of Fisheries to Future Climates-Phase II	University of British Columbia	9/1/2014	8/31/2017	\$552,950
Mao,Jingqiu	AWD1004340	Grant	Southeast Atmosphere Studies Workshop: Intensive Observation Period Modeling to Improve Mechanistic Representation of Trends	National Science Foundation	4/1/2015	3/31/2016	\$20,000
Sergienko,Olga V	AWD1004425	Grant	Collaborative Research: Dynamic Response of the Ross Ice Shelf to Wave-induced Vibrations	University of California at San Diego	6/1/2014	5/31/2016	\$42,266
Sarmiento,Jorge L	CNV1000439	Cooperative Agreement	Cooperative Institute for Climate Science	U.S. DOC - Natl Oceanic & Atmos Admin	7/1/2008	6/30/2018	\$20,203,301
Key,Robert M	CNV1000616	Grant	Collaborative Research: Collection and Analysis of Radiocarbon Samples on Repeat Hydrography Lines	National Science Foundation	1/1/2009	9/30/2014	\$148,521
Legg,Sonya A	CNV1000676	Grant	Numerical investigation of nonlinear internal wave generation and breaking in straits	Office of Naval Research	3/17/2009	12/31/2015	\$498,420
Sarmiento,Jorge L	CNV1001238	Grant	Ocean Acidification -Category 1: Does the Strength of the Carbonate Pump Change with Ocean Stratification and Acidification and How?	National Science Foundation	11/1/2010	10/31/2014	\$493,190
Vallis,Geoffrey K	CNV1001239	Grant	The Maintenance of Deep Circulation and Stratification in the Ocean	National Science Foundation	10/1/2010	9/30/2014	\$344,846
Vallis,Geoffrey K	CNV1001248	Grant	The Mechanisms of Natural Variability and its Interaction with Anthropogenic Climate Change	DOE - Washington	9/1/2010	8/31/2014	\$529,968
Sarmiento,Jorge L	CNV1001433	Grant	Towards Reliable Projections of the Response of Fisheries to Future Climates	University of British Columbia	7/1/2011	12/31/2014	\$541,666

Atmospheric & Oceanic Sciences (2)

ACTIVE SPONSORED AWARDS

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Sarmiento,Jorge L	CNV1001459	Grant	Towards An Estimate Of Total Ocean Carbon Uptake And Changes In The Rate Of Carbon Uptake Over The Last Two Decades	U.S. DOC - Natl Oceanic & Atmos Admin	9/1/2011	8/31/2015	\$545,397
Held,Isaac M	CNV1001569	Grant	Parameterization Development at High Resolution in Atmospheric Models Utilizing Both Idealized and Realistic Model Configurations	DOE - Chicago	9/15/2011	3/14/2016	\$1,020,867
Sarmiento,Jorge L	CNV1001573	Grant	Collaborative Project: Mode and Intermediate Waters in Earth System Models	DOE - Chicago	9/15/2011	9/14/2015	\$519,741
Vallis,Geoffrey K	CNV1001632	Grant	Dynamics of the Midlatitude Circulation and Implications for a Changing Climate	National Science Foundation	1/1/2012	12/31/2015	\$606,252
Rodgers,Keith B	CNV1001777	Grant	Large-scale Controls on Equatorial Pacific Nutricline Structure	National Science Foundation	5/1/2012	4/30/2016	\$561,102
Horowitz,Larry W	CNV1001839	Contract	Regional Indicators of Daily-to-Yearly Variability in Background Ozone to Inform Air Quality Standard-Setting and Decision-Making	The Trustees of Columbia University	2/1/2012	1/31/2016	\$222,081
Vecchi,Gabriel A	CNV1002682	Grant	Collaborative Research: Understanding and Forecasting North Atlantic and US Landfalling Tropical Cyclone Activity and Associated Rainfall	National Science Foundation	9/1/2013	8/31/2016	\$302,378
Mao,Jingqiu	CNV1002683	Grant	Impact of Organic Nitrate Chemistry on Air Quality and Climate: Past, Present, and Future Atmospheres	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2013	7/31/2016	\$392,881
Sergienko,Olga V	CNV1002684	Grant	Collaborative Research: Representing Calving and Iceberg Dynamics in Global Climate Models	U.S. DOC - Natl Oceanic & Atmos Admin	9/1/2013	8/31/2017	\$451,000
Vallis,Geoffrey K	CNV1002831	Grant	Energy Pathways and Scale Interactions in the Ocean	National Science Foundation	3/15/2013	2/29/2016	\$365,082
Legg,Sonya A	CNV1003054	Grant	Collaborative Research: Continuation and Enhancement of MPOWIR	National Science Foundation	4/1/2014	3/31/2018	\$249,958
Sarmiento,Jorge L	CNV1003090	Cooperative Agreement	Skillful Predictions of Seasonal Hurricane Frequency, Track and Landfall	U.S. DOC - Natl Oceanic & Atmos Admin	3/1/2014	2/28/2018	\$2,770,179
Sarmiento,Jorge L	CNV1003159	Grant	Non-hydrostatic Global Models: GFDL HiRAM	U.S. DOC - Natl Oceanic & Atmos Admin	6/1/2014	5/31/2017	\$266,328
Sarmiento,Jorge L	CNV1003212	Grant	The Role of Mesoscale Eddies in Cross-Frontal Transport and Subduction of Nutrients and Carbon in the Southern Ocean	NASA Headquarters - Washington	6/26/2014	6/25/2017	\$715,123

Center for Statistics and Machine LearningACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Storey,John D	AWD1004216	Contract	Otsuka Genomic Analysis of Neuroscience Drug Response	Otsuka Pharm Dev & Commercialization	12/1/2014	3/31/2017	\$125,000

Center for the Study of Religion

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Miller,David W	AWD1004255	Grant	Princeton University: Advancing the Understanding of the Intersection of Faith & Work	The Kern Family Foundation	11/4/2014	1/1/2018	\$783,657
Teiser,Stephen F	CNV1002951	Grant	Proposal to the Henry Luce Foundation: Dunhuang Art and Manuscripts	The Henry Luce Foundation, Inc.	11/1/2013	6/30/2017	\$250,000

Chemical and Biological Engineering

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Nelson,Celeste M	AWD1004036	Grant	The Mechanics of Lung Development in Three Different Species	National Science Foundation	9/1/2014	8/31/2017	\$400,000
Link,Aaron J	AWD1004050	Grant	Lasso Peptide Discovery	NIH NIGMS	8/1/2014	3/31/2019	\$1,389,550
Koel,Bruce E	AWD1004064	Grant	Establishing the Role of the Electrode Surface in Solar-Driven Pyridine-Catalyzed CO2 Reduction	DOE - Washington	8/15/2014	8/14/2017	\$615,000
Nelson,Celeste M	AWD1004088	Grant	Mechanical Regulation of Mesenchyme and Mammalian Lung Development	NIH NHLBI	8/15/2014	6/30/2018	\$1,613,925
Kevrekidis,Yannis G	AWD1004095	Grant	Collaborative Research: A Distributed Approximate Dynamic Programming Approach for Robust Adaptive Control of Multiscale Dynamical Systems	National Science Foundation	9/1/2014	8/31/2017	\$167,000
Kevrekidis,Yannis G	AWD1004124	Grant	CDS&E: Collaborative Research: Data-Driven Predictive Modeling of Flows Containing Aggregating Particles	National Science Foundation	9/1/2014	8/31/2017	\$175,000
Prud'homme,Robert K	AWD1004150	Contract	Targeting Nanoparticles for Therapeutic Delivery	GlaxoSmithKline	9/7/2014	3/7/2016	\$148,940
Koel,Bruce E	AWD1004219	Grant	Fundamental Surface Science of PFCs for Improved Plasma Performance in NSTX-U	DOE - Washington	1/1/2015	12/31/2017	\$656,133
Priestley,Rodney D	AWD1004227	Grant	PECASE: Characterization of Nanostructured Polymer Films	Air Force Office of Scientific Research	1/1/2015	12/31/2019	\$1,000,000
Sundaresan,Sankaran	AWD1004251	Contract	Liquid Transport and Agglomeration Tendency in Fluidized Beds	Syncrude Canada Ltd.	1/1/2015	12/31/2016	\$203,953
Sundaresan,Sankaran	AWD1004271	Contract	Carbon Capture Simulation Initiative (CCSI)	Battelle - Pacific Northwest Ntl Labs	11/15/2014	1/31/2016	\$150,000
Brynildsen,Mark Ph	AWD1004282	Grant	Career: Metabolic Engineering to Potentiate Immunity and Discover Novel Antivirulence Therapies	National Science Foundation	2/1/2015	1/31/2020	\$500,000
Koel,Bruce E	AWD1004328	Contract	Evaluation of Synthesized Nanoparticles and Nanostructures, and Fundamental Lab-Based Studies of Synthesis Processes	Princeton Plasma Physics Laboratory	3/3/2015	9/30/2017	\$230,000
Koel,Bruce E	AWD1004329	Contract	Fundamental Surface Science of Plasma Facing Components for Improved Plasma Performance in NSTX-AU	Princeton Plasma Physics Laboratory	3/3/2015	9/30/2015	\$140,000
Brynildsen,Mark P	AWD1004357	Grant	Investigating the Metabolic Mechanisms of Bacterial Persistence	Army Research Office	4/24/2015	4/23/2018	\$390,000
Brynildsen,Mark P	AWD1004377	Grant	Exploring Persister Antibiotic Responses as a Source of Biomarkers and Elimination Strategies	NIH NIAID	5/11/2015	4/30/2017	\$445,500
Koel,Bruce E	AWD1004378	Grant	SusChEM: Insights into the Surface Chemistry of Water Oxidation on Pure and Modified Hematite Surfaces	National Science Foundation	6/1/2015	5/31/2018	\$498,223
Nelson,Celeste M	AWD1004383	Grant	Genetic Investigation of Pulmonary Lymphatic Development and Function	University of Pennsylvania	9/1/2014	6/30/2016	\$60,176

Chemical and Biological Engineering (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Loo, Yueh L	AWD1004390	Cooperative Agreement	FY 2015 Summer Undergraduate Research Fellowship for Jeffrey Register	Ntl Inst of Standards and Technology	5/1/2015	9/30/2015	\$5,500
Nelson, Celeste M	AWD1004400	Grant	Biophysical and Biochemical Effects of the ECM on Breast Epithelial Cells	NIH NCI	6/1/2015	5/31/2020	\$2,103,345
Prud'homme, Robert K	AWD1004539	Grant	Anti-HIV Colorectal Nanocarrier-based Foams for Mucosal Preeexposure Prophylaxis	Rutgers University - New Brunswick	2/1/2015	1/31/2016	\$390,811
Prud'homme, Robert K	CNV1000228	Grant	Fundamentals of Nanoparticle Formation and Stability	BASF Corporation	3/1/2006	2/28/2015	\$220,000
Nelson, Celeste M	CNV1000395	Grant	Biophysical Dynamics in the Regulation of Tissue Morphogenesis	The Burroughs Wellcome Fund	9/1/2007	12/31/2015	\$490,190
Floudas, Christodoulos A	CNV1000617	Grant	Protein Structure Prediction Using First Principles	NIH NIGMS	9/1/2008	8/31/2014	\$996,538
Nelson, Celeste M	CNV1000630	Grant	Nelson Packard Fellowship for Science and Engineering	The David and Lucile Packard Foundation	11/1/2008	11/30/2017	\$875,000
Panagiotopoulos, Athanassios Z	CNV1000836	Grant	Interactions, Phase Equilibria and Self-Assembly in Ionic Systems	DOE - Washington	9/1/2009	11/30/2015	\$862,325
Floudas, Christodoulos A	CNV1000845	Grant	ARRA: CDI-Type II: MS-Omics Hub for Cyber-enabled Acceleration of Mass Spectrometry-based Metabolomics and Proteomics	National Science Foundation	9/1/2009	8/31/2014	\$1,303,234
Floudas, Christodoulos A	CNV1000934	Grant	EFRI-HyBi: Conversion of Biomass to Fuels using Molecular Sieve Catalysts and Millisecond Contract Time Reactors	University of Minnesota	9/1/2009	8/31/2014	\$530,000
Link, Aaron J	CNV1001044	Grant	CAREER: Probing the Limits of Affinity and Specificity in Apoptotic Protein Interactions	National Science Foundation	2/15/2010	1/31/2016	\$412,283
Register, Richard A	CNV1001047	Grant	Driving Structure Formation in Block Copolymers by Crystallization	National Science Foundation	8/1/2010	7/31/2014	\$516,000
Nelson, Celeste M	CNV1001085	Grant	Tissue Morphodynamics	Alfred P. Sloan Foundation	9/15/2010	9/15/2014	\$50,000
Loo, Yueh L	CNV1001183	Grant	Collaborative Research: High-Performance Crystalline Bulk Heterojunction Organic Solar Cells	National Science Foundation	9/1/2010	8/31/2014	\$399,997
Aksay, Ilhan A	CNV1001269	Grant	Electrically Conducting Polymer-Graphene Nonocomposites	French American Cultural Exchange	7/1/2010	7/31/2014	\$86,248
Priestley, Rodney D	CNV1001298	Grant	Career: Formation of Stable Polymer Glasses	National Science Foundation	3/1/2011	2/29/2016	\$500,000
Loo, Yueh L	CNV1001311	Grant	Development of New Solution-Processable Electron Acceptors for Organic Photovoltaic Applications	Office of Naval Research	2/1/2011	9/30/2015	\$390,000
Koel, Bruce E	CNV1001331	Grant	Structure and Chemistry of Alloy and Oxide Films at Bimetallic Pt Surface	National Science Foundation	1/1/2011	8/31/2014	\$484,993
Prud'homme, Robert K	CNV1001340	Grant	Multifunctional PEG Hydrogel Nano/Microparticles for Targeted Treatment of NSCLC	Rutgers University - New Brunswick	1/1/2011	12/31/2015	\$430,733
Sundaresan, Sankaran	CNV1001449	Contract	Reactive Liquid Transport and Agglomeration Tendency in Fluidized Beds	Syncrude Canada Ltd.	7/1/2011	6/30/2016	\$337,500

Chemical and Biological Engineering (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Sundaresan,Sankaran	CNV1001547	Grant	AOI 1: Implementation and Refinement of a Comprehensive Model for Dense Granular Flows	DOE - Pittsburgh NETL	10/1/2011	9/30/2015	\$300,000
Koel,Bruce E	CNV1001598	Grant	Toward Improved Heterogeneous Catalysts for Olefin Metathesis	American Chemical Society	1/1/2012	8/31/2014	\$100,000
Prud'homme,Robert K	CNV1001600	Grant	The Science and Technology of Dispersants as Relevant to Deep-Sea Hydrocarbon Releases	Tulane University	10/1/2011	12/31/2015	\$444,000
Priestley,Rodney D	CNV1001764	Grant	Characterization of Nanostructured Polymer Films	Air Force Office of Scientific Research	6/1/2012	8/31/2014	\$240,000
Weber,Stephanie C	CNV1001797	Grant	Mechanisms Controlling Cell and Body Size in the Nematode Caenorhabditis Elegans	Damon Runyon Cancer Research Foundation	7/1/2012	7/31/2015	\$160,334
Loo,Yueh L	CNV1001806	Cooperative Agreement	BASF-Understanding and Controlong Crystallization of our Semiconductors on Various Surfaces	BASF Corporation	6/1/2012	8/31/2016	\$300,000
Brangwynne,Clifford P	CNV1001856	Grant	Scaling Nucleolar Function for Cell Growth Control	Searle Scholars Program	7/1/2012	6/30/2016	\$300,000
Nelson,Celeste M	CNV1001858	Grant	The Chemistry of Morphogenesis: Quantitative Analysis of Transcription Factor Kinetics Druing Tissue Development	The Camille and Henry Dreyfus Fdn., Inc.	7/1/2012	6/30/2017	\$75,000
Kevrekidis,Yannis G	CNV1001864	Grant	Developing Dynamic Data-Driven Protocols to Study Complex Systems: The Case of Engineered Granular Crystals	Air Force Office of Scientific Research	7/1/2012	6/30/2015	\$1,380,499
Floudas,Christodoulos A	CNV1001895	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	8/1/2012	7/31/2015	\$375,000
Brangwynne,Clifford P	CNV1001993	Grant	RNA Helicases in RNA/protein Body Assembly and Function: A Multi-Scale Approach	Human Frontier Science Prog Org (HFSP)	10/1/2012	9/30/2016	\$300,000
Debenedetti,Pablo G	CNV1001997	Grant	Collaborative Research: Ordering Process in Water, Aqueous Solutions, and Water-Biomolecule Systems	National Science Foundation	9/1/2012	1/31/2016	\$450,000
Brynildsen,Mark P	CNV1002014	Grant	Investigating Metabolic Control of Persister Formation in Biofilms	Army Medical Rsrch Acquisition Activity	9/30/2012	9/29/2015	\$1,000,000
Gao,Jia	CNV1002054	Grant	In-sti Fabrication of Structurally Precise Graphene Nanoribbons for High Performamance Elecronic Devices	Netherlands Org for Scientific Rsrch	10/1/2012	9/30/2014	\$163,019
Brangwynne,Clifford P	CNV1002097	Grant	Cell Growth Control by Cell and Organelle Size-Dependent Ribosome Biogenesis	NIH NIGMS	9/30/2012	6/30/2017	\$2,415,000
Prud'homme,Robert K	CNV1002162	Contract	Oncology Applications Combining Centyrin Antibody Scaffold with Flash Nanoprecipitation Nanoparticles	Janssen Research & Development, LLC	12/19/2012	12/31/2015	\$357,944
Aksay,Illhan A	CNV1002165	Grant	Smart Functional Nanoenergetic Materials	The Pennsylvania State University	11/1/2012	10/31/2015	\$1,424,999
Brynildsen,Mark P	CNV1002172	Grant	Aminoglycoside-Enabled Elucidation of Persister Metabolism	NIH NIAID	2/1/2013	1/31/2016	\$417,067

Chemical and Biological Engineering (4)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Priestley,Rodney D	CNV1002534	Grant	Dynamics of Confined Polymer Liquids and Glasses Under Positive and Negative Pressures	American Chemical Society	6/1/2013	8/31/2015	\$100,000
Link,Aaron J	CNV1002535	Grant	Alfred P. Sloan Research Fellowship for Dr. A. James Link in Chemistry Biosynthesis, Discovery, and Engineering of Lasso Peptides	Alfred P. Sloan Foundation	9/15/2013	9/14/2017	\$50,000
Sundaresan,Sankaran	CNV1002536	Contract	Development of Practical Approaches to Modeling Fluid-Particle Flows	ExxonMobil Global Services Company	8/27/2013	1/31/2018	\$300,000
Debenedetti,Pablo G	CNV1002537	Contract	Computational Investigations of Keratins for Improved Hair Product Formulations	Unilever R&D, Port Sunlight	10/1/2013	9/30/2016	\$312,961
Floudas,Christodoulos A	CNV1002539	Grant	EAGER: Towards Multiscale Modeling. Optimization, and Uncertainty in Materials Design for CO2 Capture	National Science Foundation	4/1/2013	3/31/2015	\$100,000
Debenedetti,Pablo G	CNV1002540	Grant	Computational Studies of Protein Powder Hydration Phenomena	National Science Foundation	7/15/2013	6/30/2016	\$245,965
Priestley,Rodney D	CNV1002541	Grant	Request for Travel Suport for Domestic Invited Speakers to Attend the "Emerging Areas in Polymer Science and Engineering" Program at the 2013 AIChE Fall Meeting	National Science Foundation	9/1/2013	8/31/2014	\$4,200
Koel,Bruce E	CNV1002542	Grant	Collaborative Research: Fundamentals of Biomass Upgrading to Fuels and Chemicals Over Catalytic Bimetallic Nanoparticles	National Science Foundation	8/15/2013	7/31/2016	\$199,998
Kevrekidis,Yannis G	CNV1002543	Grant	Collaborative Research: The Integration of Data-Mining with Multiscale Engineering Computations	National Science Foundation	8/15/2013	7/31/2016	\$525,000
Brangwynne,Clifford P	CNV1002544	Grant	CAREER: Non-Equilibrium RNA/Protein Liquids and Intracellular Phase Transitions	National Science Foundation	9/15/2013	8/31/2018	\$700,000
Aksay,Ihlan A	CNV1002863	Grant	Low-Cost, Fast-Charging Batteries for Hybrid Vehicles	Vorbeck Materials	3/6/2013	3/5/2015	\$250,000
Loo,Yueh L	CNV1002891	Grant	Solar-Thermal Gernerators Based on Chalcogenide Nanowire-Polymer Hybrids	Amer Assoc for the Advancement of Sci	10/24/2013	11/30/2014	\$60,000
Loo,Yueh L	CNV1002899	Grant	Ultimate Electronic Device Scaling Using Structurally Precise Graphene Nanoribbons	Cornell University	9/15/2013	8/31/2016	\$215,652
Koel,Bruce E	CNV1002938	Grant	Reactions at Iron-enriched Mineral Interfaces and Implications for Catalytic Oxidation of Aqueous Contaminants	Texas Tech University	10/1/2013	9/30/2015	\$20,000
Sundaresan,Sankaran	CNV1002939	Contract	Carbon Capture Simulation Initative, Particle and Device Scale Modeling	URS Energy and Construction Inc.	11/15/2013	11/14/2014	\$150,000
Koel,Bruce E	CNV1002970	Grant	Fundamental Studies of Reactive Processes at Plasma-Surface Interfaces	Air Force Office of Scientific Research	3/1/2014	2/28/2017	\$1,655,250
Nelson,Celeste M	CNV1002971	Grant	Exogenous Fluid Forces and Branching of the Mammalian Lung	NIH NHLBI	2/18/2014	1/31/2017	\$441,837

Chemical and Biological Engineering (5)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Panagiotopoulos,Athanassios Z	CNV1002996	Grant	Development and Validation of Molecular-based Models for the Prediction of Thermodynamic and Transport Properties of CO2-Brine Mixtures	Texas Engineering Experiment Station	11/1/2013	11/1/2016	\$383,329
Register,Richard A	CNV1003040	Grant	Melt-Miscible Polyethylene Block Copolymers	National Science Foundation	8/1/2014	7/31/2018	\$560,000
Brangwynne,Clifford P	CNV1003057	Grant	FG/RGG Mediated Nucleolar Assembly and its Impact on the Growth Dynamics of C. Elegans	Helen Hay Whitney Foundation	9/1/2014	8/31/2017	\$158,500
Brangwynne,Clifford P	CNV1003123	Grant	Alfred P. Sloan-Computational and Evolutionary Molecular Biology	Alfred P. Sloan Foundation	9/15/2014	9/15/2016	\$50,000
Priestley,Rodney D	CNV1003143	Grant	Novel Nanoscale Studies, Processing and Discovery in Glassy Polymers	Alfred P. Sloan Foundation	9/15/2014	9/15/2016	\$50,000
Priestley,Rodney D	CNV1003144	Grant	Physical Chemistry of Confined Polymers: Influence of Size and Processing Effect on Morphology and Properties	The Camille and Henry Dreyfus Fdn., Inc.	7/1/2014	6/30/2019	\$75,000
Register,Richard A	CNV1003149	Grant	Novel Block Copolymers (BCPs) for Butanol Pervaporation Membranes	Promerus LLC	4/15/2014	4/14/2017	\$150,000
Panagiotopoulos,Athanassios Z	CNV1003222	Grant	Collaborative Research: Exploiting Void Symmetries to Control the Self-Assembly of Nanoparticles	National Science Foundation	9/1/2014	8/31/2017	\$230,000

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Seyedsayamdost, Mohammad R	AWD1004014	Grant	Pew Scholars Program in the Biomedical Sciences	The Pew Charitable Trusts	8/1/2014	7/31/2019	\$240,006
Hecht, Michael H	AWD1004031	Grant	Toward Artificial Proteomes	National Science Foundation	7/1/2014	6/30/2018	\$985,733
Seyedsayamdost, Mohammad R	AWD1004032	Grant	Searching the Cryptic Metabolome for New Therapeutic Molecules	Searle Scholars Program	7/1/2014	6/30/2017	\$300,000
Barstow, Buz M	AWD1004075	Grant	Career Award at the Scientific Interface	The Burroughs Wellcome Fund	7/1/2014	6/30/2016	\$146,464
Chirik, Paul J	AWD1004076	Grant	Base Metal Catalyzed Alkene Cycloadditions for Cyclobutane Synthesis	NIH NIGMS	8/1/2014	7/31/2016	\$105,724
Doyle, Abigail G	AWD1004077	Grant	Methods for Asymmetric Catalytic Fluorination of Diazo Compounds	NIH NIGMS	9/1/2014	8/31/2016	\$105,724
MacMillan, David W C	AWD1004082	Grant	Princeton Chemistry Catalysis Center Funding	AbbVie Inc.	7/1/2014	6/30/2015	\$50,000
Cava, Robert J	AWD1004093	Grant	Moore Synthesis Investigators	Gordon and Betty Moore Foundation	8/7/2014	8/6/2019	\$1,900,113
Ando, Nozomi	AWD1004105	Grant	Structural Characterizations of Transient and Heterogeneous Protein Complexes	NIH NIGMS	9/1/2014	7/31/2017	\$755,908
Knowles, Robert R	AWD1004106	Grant	Fellowship: Faculty for the Future Program	Schlumberger Foundation	9/1/2014	8/31/2015	\$50,000
MacMillan, David W C	AWD1004136	Grant	Photoredox Catalysis in Organic Chemistry	NIH NIGMS	9/15/2014	5/31/2018	\$1,213,256
Hecht, Michael H	AWD1004138	Grant	Computationally Designed Protein Libraries for the Selection of Novel Enzymes	NIH NIGMS	8/1/2014	7/31/2015	\$53,282
Bernasek, Steven L	AWD1004140	Contract	NSF: IPA Assignment	National Science Foundation	8/25/2014	1/31/2015	\$98,813
Knowles, Robert R	AWD1004176	Contract	Mechanistic Elucidation for the Oxidation of a Indoline Hemiaminal: MK-8742	Merck & Co., Inc.	8/31/2014	8/31/2015	\$50,000
Rabitz, Herschel A	AWD1004244	Grant	Translational Development of Technologies Towards Improved Models of Quantum Computation, Analysis, Optimization, and Big Data	Massive Dynamics, LLC	12/20/2014	12/31/2017	\$884,113
Scholes, Gregory D	AWD1004245	Grant	Photosynthetic Antenna Research Center (PARC)	Washington University	8/1/2014	7/31/2018	\$220,000
Knowles, Robert R	AWD1004253	Grant	Proton-Coupled Electron Transfer in Organic Synthesis and Asymmetric Catalysis	NIH NIGMS	1/1/2015	12/31/2019	\$1,339,615
Chirik, Paul J	AWD1004258	Grant	Identify Substrate Scope of the (H4-CNC)Fe(N2)2 Catalyst System To Promote Hydrogen Isotope	Merck & Co., Inc.	12/1/2014	12/31/2015	\$75,000
MacMillan, David W C	AWD1004276	Grant	New Activation Modes in Organocatalysis	NIH NIGMS	12/15/2014	11/30/2018	\$1,179,028
Groves, John T	AWD1004294	Contract	Improving the Scope of Manganese-Porphyrin Catalyzed Direct Halogenation: Enabling the Late-Stage Installation of C-X Bonds	Merck & Co., Inc.	2/2/2015	2/1/2017	\$200,000
Scholes, Gregory D	AWD1004354	Grant	Ultrafast Photo-induced Electronic and Nuclear Dynamics of Inorganic Chromophores: Fundamental Science to Applications in Energy Conversion	University of Toronto	7/1/2014	1/31/2018	\$607,978

Chemistry (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Groves,John T	AWD1004436	Grant	Metal-Oxo and Metal-Peroxo Intermediates in Oxidative Catalysis	National Science Foundation	6/15/2015	5/31/2019	\$800,000
Rabitz,Herschel A	AWD1004438	Grant	Altering the Course of Quantum Dynamics Phenomena	National Science Foundation	6/15/2015	5/31/2018	\$549,000
Bernasek,Steven L	AWD1004439	Grant	Electrochemical Devices for Space-Based Sensor Applications	Utah State University Research Fdn	5/4/2015	5/3/2016	\$195,015
Rabitz,Herschel A	AWD1004640	Contract	Universal Operating Principle for Optimal Control in the Sciences (OptiSci) over Vast Length and Time Scales	The John Templeton Foundation	6/1/2015	5/31/2018	\$770,478
Cava,Robert J	CNV1000008	Grant	New Superconducting Materials	DOE - Chicago	9/1/1998	1/31/2017	\$3,192,414
Rabitz,Herschel A	CNV1000102	Grant	Control of Molecular Dynamics: Algorithms for Design and Implementation	DOE - Washington	9/1/2002	10/31/2017	\$1,939,999
Cava,Robert J	CNV1000639	Grant	Johns Hopkins University Institute for Quantum Matter	The Johns Hopkins University	9/1/2008	2/28/2016	\$1,275,141
Bocarsly,Andrew B	CNV1000683	Contract	The Electrocatalyzed Conversion of CO ₂ Organic	Liquid Light	7/1/2009	7/25/2016	\$524,591
Groves,John T	CNV1000869	Grant	Center for Catalytic Hydrocarbon Functionalization	University of Virginia	8/1/2009	7/31/2015	\$1,465,950
Bocarsly,Andrew B	CNV1000876	Grant	Photoelectrochemical Conversion of Carbon Dioxide to Methanol and Higher Order Alcohols	DOE - Washington	9/1/2009	8/31/2016	\$1,275,000
Cava,Robert J	CNV1000907	Grant	Towards New and Better High Temperature Superconductors	Stanford University	8/1/2009	12/31/2014	\$1,209,000
Carey,Jannette	CNV1001086	Grant	REU Site: Summer Research in Molecular Biophysics	National Science Foundation	5/1/2010	10/31/2015	\$373,050
Cava,Robert J	CNV1001122	Grant	4d and 5d Oxides at the Border between Localized and Itenerant Electronic Behavior	National Science Foundation	7/1/2010	6/30/2015	\$530,000
MacMillan,David W C	CNV1001194	Grant	Cascade Catalysis: A Valuable Strategy for Complex Molecule Synthesis	NIH NIGMS	9/15/2010	7/31/2014	\$1,251,061
Rabitz,Herschel A	CNV1001202	Grant	Prediction of Molecular Regulatory Networks in Dental and Craniofacial Disease	NIH NIDCR	9/3/2010	8/31/2015	\$619,359
Yang,Haw	CNV1001286	Grant	Dynamical Coordination in a Multi-Domain, Peptide Antibiotic Mega-Synthetase	Human Frontier Science Prog Orq (HFSP)	12/1/2010	11/30/2014	\$390,000
Bocarsly,Andrew B	CNV1001292	Grant	MURI -- Novel Catalytic Mechanisms for the Chemical Reduction of Carbon Dioxide to Energy-Dense Liquids (Topic #11)	University of California at San Diego	10/1/2010	3/14/2016	\$2,486,375
Cava,Robert J	CNV1001304	Grant	Cryogenic Peltier Cooling	Ohio State University	9/15/2010	9/14/2016	\$937,500
Chirik,Paul J	CNV1001323	Grant	Non-precious Metal Catalyzed Hydrosilylation	Momentive Performance Materials Inc.	1/1/2011	9/30/2015	\$761,139
Hecht,Michael H	CNV1001346	Grant	Evolution Reloaded: From Artificial Genes to Novel Biological Functions	National Science Foundation	4/1/2011	3/31/2015	\$724,168
Rabitz,Herschel A	CNV1001432	Grant	Complex Systems Analysis and Reduced-order Modeling with HDMR	Office of Naval Research	6/15/2011	5/31/2015	\$400,000
Rabitz,Herschel A	CNV1001480	Grant	Altering the Course of Quantum Dynamics Phenomena	National Science Foundation	8/15/2011	7/31/2015	\$501,000

Chemistry (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Chirik,Paul J	CNV1001492	Grant	Synthesis of Fuels and Value-Added Nitrogen-Containing Compounds from N ₂	Air Force Office of Scientific Research	8/15/2011	8/14/2014	\$525,000
Muir,Thomas W	CNV1001505	Grant	Peptide Autoinducers of Staphylococcal Pathogenicity	New York University	12/1/2010	3/31/2016	\$674,661
Chirik,Paul J	CNV1001544	Grant	Understanding Nitrogen Fixation	DOE - Chicago	7/15/2011	8/14/2018	\$880,000
Yang,Haw	CNV1001550	Grant	Development of Quantum Dot Probes for Studies of Synergy Between Components of the Wood-Degrading Fungal Secretomes	DOE - Chicago	9/1/2011	11/30/2015	\$1,832,316
Rabitz,Herschel A	CNV1001592	Contract	Parent: Aggressive Optimization and Resource Estimation of Next-Generation Quantum Computing	University of Southern California	8/1/2011	7/31/2015	\$1,515,273
Muir,Thomas W	CNV1001631	Grant	Chemistry and Biology of Protein Histidine	NIH NIGMS	5/1/2011	11/30/2014	\$1,155,843
Rabitz,Herschel A	CNV1001670	Grant	Control of Quantum Open Systems:Theory and Experiment	University of Southern California	8/9/2011	12/8/2015	\$650,000
Groves,John T	CNV1001678	Grant	Metal-Oxo and Metal-Peroxo Intermediates in Oxidative Catalysis	National Science Foundation	4/1/2012	3/31/2015	\$610,000
Doyle,Abigail G	CNV1001694	Grant	CAREER: New Reagents and Strategies for Catalytic Nucleophilic Fluorination	National Science Foundation	2/1/2012	1/31/2017	\$601,893
Selloni,Annabella	CNV1001700	Grant	Understanding Surfaces and Interfaces of Photocatalytic Oxide Materials with First Principles Theory and Simulations	DOE - Chicago	11/15/2011	8/31/2018	\$990,000
Chan,Garnet Kin-Lic	CNV1001762	Grant	Many Body Methods from Chemistry to Physics: Novel Computational Techniques for Material-Specific Modeling	The Trustees of Columbia University	1/1/2012	7/31/2014	\$290,811
Muir,Thomas W	CNV1001789	Grant	A Computational Materials and Chemical Sciences Analysis of Proline Isomerization in Epigenetics	NIH NCI	5/1/2012	4/30/2015	\$149,610
Doyle,Abigail G	CNV1001799	Grant	Sloan Research Fellowship	Alfred P. Sloan Foundation	9/15/2012	9/15/2015	\$50,000
Groves,John T	CNV1001804	Grant	MERIT: Molecular Probes of the Mechanisms of Cytochrome P450	NIH NIGMS	6/1/2012	3/31/2017	\$1,879,779
Knowles,Robert R	CNV1001833	Grant	Remodeling C-H Bonds: Selective Catalysis of Hydrogen Atom Transfer	American Chemical Society	9/1/2012	8/31/2015	\$100,000
Muir,Thomas W	CNV1001872	Grant	Structure, Function and Applications of Inteins	NIH NIGMS	8/1/2012	7/31/2017	\$2,626,250
Sorensen,Erik J	CNV1001894	Grant	Seeking Efficiency and Innovation in Syntheses of Bioactive Compounds	NIH NIGMS	8/1/2012	7/31/2016	\$1,357,384
MacMillan,David W C	CNV1001897	Grant	Synergistic Catalysis for Chemical Synthesis	NIH NIGMS	8/1/2012	5/31/2016	\$1,317,371
Chan,Garnet Kin-Lic	CNV1002020	Grant	Predictive Computing for Condensed Matter	DOE - Chicago	9/1/2012	8/31/2017	\$749,998
Bocarsly,Andrew B	CNV1002023	Grant	Structure and Dynamics in Heterogeneous Reactions	National Science Foundation	9/1/2012	8/31/2015	\$555,000
Chirik,Paul J	CNV1002029	Contract	Chemical Studies Upon Families of Alpha-Diimine Compounds	Chevron Phillips Chemical Company	3/22/2012	12/13/2015	\$205,808
Chan,Garnet Kin-Lic	CNV1002031	Grant	SSI-SSE: General Tensor Software Elements for Quantum Chemistry, Tensor Network Theories, and Beyond	National Science Foundation	6/26/2012	5/31/2015	\$386,818

Chemistry (4)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Rabitz,Herschel A	CNV1002043	Contract	Photonic Input and Output: Molecule Specific Laser Control Fields	SPAWARSSYSCEN PACIFIC	9/20/2012	12/19/2014	\$1,384,234
Cava,Robert J	CNV1002062	Grant	The Physics of Surface States with Interactions Mediated by Bulk Properties, Defects and Surface	Army Research Office	9/15/2012	12/14/2015	\$3,609,937
Sorensen,Erik J	CNV1002098	Cooperative Agreement	CCI Center in Selective C-H Functionalization	Emory University	9/15/2012	8/31/2016	\$426,251
Chan,Garnet Kin-Lic	CNV1002120	Grant	Advanced Quantum Chemical Methods for Strong Correlation and Beyond	National Science Foundation	7/3/2012	6/30/2017	\$731,962
Chirik,Paul J	CNV1002177	Grant	COLLABORATIVE RESEARCH: SusChem Workshop on Base Metal Catalysis	National Science Foundation	2/1/2013	1/31/2016	\$42,092
Groves,John T	CNV1002197	Grant	Improving the Scope of Manganese-Porphyrin Catalyzed Direct Halogenation: Enabling the Late-Stage Installation of C-X Bonds	Merck & Co., Inc.	1/30/2013	7/29/2014	\$98,081
Chirik,Paul J	CNV1002492	Contract	Base Metal Catalysis for Flavors and Fragrances	Firmenich SA	6/1/2013	5/31/2016	\$216,000
Doyle,Abigail G	CNV1002493	Grant	Transition Metal Catalysis for the Discovery and Development of Valuable Synthetic Methods	The Camille and Henry Dreyfus Fdn., Inc.	7/1/2013	6/30/2018	\$75,000
Muir,Thomas W	CNV1002494	Contract	Discovery and Applications of Novel Inteins	Amgen, Inc.	4/1/2013	3/31/2016	\$177,534
Fiedler,Dorothea	CNV1002495	Grant	Understanding Phosphate Metabolism in Cancer and Metastasis	Sidney Kimmel Fdn for Cancer Research	7/1/2013	6/30/2015	\$200,000
Fiedler,Dorothea	CNV1002497	Grant	Understanding Phosphate Metabolism in Cancer and Metastasis	Rita Allen Foundation, Inc.	9/1/2013	8/31/2018	\$500,000
MacMillan,David W C	CNV1002498	Grant	MARIE CURIE: SYNCAT Development of a Synergistic Catalysis Protocol for the Enantioselective Functionalisation of Aldehydes	University of Cambridge	5/15/2013	5/14/2015	\$47,820
Doyle,Abigail G	CNV1002500	Grant	[18F] Synthesis Improvements for PET Supporting Translational R&D	Bristol-Myers Squibb Company	8/9/2013	8/8/2015	\$141,883
Chirik,Paul J	CNV1002501	Grant	GOALI: SusChEM: An Industrial-Academic Collaboration for High Throughput Discovery of Base Metal Catalysts	National Science Foundation	7/1/2013	6/30/2016	\$477,000
Doyle,Abigail G	CNV1002504	Grant	Metal-Catalyzed Cross Coupling with N,O-Acetals and Acetals	NIH NIGMS	7/1/2013	3/31/2018	\$1,478,850
Rabitz,Herschel A	CNV1002505	Grant	RESEARCH AREA 7.1:Exploring the Systematics of Controlling Quantum Phenomena	Army Research Office	7/15/2013	3/14/2016	\$399,083
Chan,Garnet Kin-Lic	CNV1002507	Grant	Quantum Embedding for Correlated Electronic Structure in Large Systems and the Condensed Phase	DOE - Chicago	9/1/2013	8/31/2016	\$465,000
Muir,Thomas W	CNV1002508	Grant	Development and Applications of 'Designer Chromatin'	NIH NIGMS	9/1/2013	4/30/2017	\$1,200,180
Bocarsly,Andrew B	CNV1002509	Grant	SusChEM: A Mechanistic Approach to Understanding and Lowering the Overpotential for CO2 Reduction to C1 Organic Products.	National Science Foundation	9/15/2013	8/31/2016	\$420,000

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Seyedsayamdost, Mohammad R	CNV1002747	Grant	Molecular Analysis of Metabolites and Signaling Networks in Microbial Symbioses	NIH NIGMS	3/1/2013	8/31/2016	\$746,560
Fiedler, Dorothea	CNV1002752	Grant	Understanding Phosphate Metabolism in Cancer and Metastasis	NIH NCI	9/30/2013	8/31/2015	\$2,427,500
MacMillan, David W C	CNV1002916	Grant	Beta Functionalization of Aldehydes and Ketones Using Photoredox Organocatalysis	NIH NIGMS	1/1/2014	12/31/2016	\$156,450
Chan, Garnet Kin-Lic	CNV1003031	Grant	Simons Collaboration on the Many Electron Problem - PI, Tensor Networks Group	The Simons Foundation	3/1/2014	2/28/2019	\$835,000
MacMillan, David W C	CNV1003059	Grant	PHOCATSORS: Photoredox Catalysis for Sustainable Organic Synthesis	University of Edinburgh	4/1/2014	3/31/2016	\$50,347
Bernasek, Steven L	CNV1003062	Contract	Development of Reversible Electrochemical Mirrors Deposited from Ionic Liquids.	Utah State University Research Fdn	3/18/2014	3/18/2015	\$120,000
MacMillan, David W C	CNV1003063	Grant	Organocatalytic C-H Bond Activation	NIH NIGMS	4/1/2014	6/12/2015	\$62,889
Carey, Jannette	CNV1003065	Grant	REU Site: Molecular Biophysics	National Science Foundation	4/1/2014	3/31/2018	\$575,609
Hecht, Michael H	CNV1003067	Grant	Design, Engineering, and Selection of Novel Proteins	National Science Foundation	4/1/2014	3/31/2015	\$49,649
Rabitz, Herschel A	CNV1003077	Contract	Applicability of HDMR for Formulation Optimization for Small Molecules and Large Molecules	Janssen Research & Development, LLC	3/18/2014	3/18/2016	\$334,998
Doyle, Abigail G	CNV1003078	Contract	New Methods for Late-Stage Fluorination and Radiofluorination	Janssen Research & Development, LLC	4/14/2014	3/13/2016	\$218,350
Knowles, Robert R	CNV1003119	Grant	Sloan Research Fellowship	Alfred P. Sloan Foundation	9/15/2014	9/15/2016	\$50,000
Chirik, Paul J	CNV1003141	Grant	Modern Alchemy: Base Metal Catalyzed Cross Coupling for the Pharmaceutical Industry	American Chemical Society	6/1/2014	5/31/2016	\$100,000
Muir, Thomas W	CNV1003221	Grant	Mechanisms and Epigenetic Effectors of Cellular Reprogramming Factor Activity	NIH NIGMS	7/1/2014	6/30/2017	\$156,450
Carey, Jannette	CNV1003255	Grant	Innovation Corps Team: Commercial Feasibility of a Novel Strategy for Protein Purification Development	National Science Foundation	7/1/2014	6/30/2015	\$50,000

Civil and Environmental Engineering

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Sheffield,Justin	AWD1004025	Grant	Understanding Land-Atmosphere Controls on the Spatio-Temporal Evolution of Drought in North America in Current and Future Climates	NASA Headquarters - Washington	9/1/2014	8/31/2016	\$60,000
Glisic,Branko	AWD1004047	Grant	Collaborative Research: Structural Identification & Health Monitoring using Temperature-Driven Data	National Science Foundation	8/1/2014	7/31/2017	\$119,992
Peters,Catherine A	AWD1004052	Grant	Geochemical Controls on Hazardous Element Mobilization in Shales and Precipitation in Wastewater Treatment	National Science Foundation	9/1/2014	8/31/2017	\$330,484
Garlock,Maria E M	AWD1004060	Grant	Collaborative Research: Advancing the Dissemination of the Creative Art of Structural/Civil Engineering	National Science Foundation	9/1/2014	8/31/2018	\$498,814
Scherer,George W	AWD1004086	Contract	Analysis of Best Practices for Deepwater Cementing in Oil Based Mud (OBM) and Synthetic Based Mud (SBM)	CSI Technologies	9/1/2014	8/31/2016	\$265,000
Caylor,Kelly K	AWD1004110	Grant	Improved Understanding of Tropical Forest Carbon Dynamics using Coupled Models and Remote Sensing of Water Vapor Isotopes	NASA Headquarters - Washington	9/1/2014	8/31/2016	\$60,000
Zondlo,Mark A	AWD1004139	Grant	Distribution of Fugitive Methane Emissions in the Marcellus Shale	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2014	7/31/2017	\$598,451
Mauzerall,Denise L	AWD1004141	Grant	Constraining Methane Leakage from Abandoned Oil and Gas Wells	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2014	7/31/2017	\$592,220
Glisic,Branko	AWD1004152	Grant	IBM Ph.D Fellowship Program	Intl Business Machines Corp. (IBM)	9/1/2014	6/30/2015	\$30,000
Zondlo,Mark A	AWD1004159	Grant	PFI: AIR - TT: Prototype Mid-infrared, Methane Sensor for Natural Gas Leak Detection on Small Unmanned Aerial Systems	National Science Foundation	9/15/2014	2/29/2016	\$193,147
Zondlo,Mark A	AWD1004160	Contract	Miniature Airborne Methane Sensor	KalScott Engineering Inc.	6/1/2014	12/1/2014	\$37,000
Zondlo,Mark A	AWD1004168	Grant	Understanding Spatial Variability of Methane by Comparing Bottom-up and Top-down Methods During DISCOVER-AQ Colorado	NASA Langley Research Center	10/1/2014	9/30/2016	\$50,000
Caylor,Kelly K	AWD1004175	Grant	EPA Star Graduate Fellowship	U.S. Environmental Protection Agency	9/1/2014	8/31/2016	\$34,000
Zondlo,Mark A	AWD1004177	Grant	Quantifying Ammonia Emissions from Agriculture and Cities during DISCOVER-AQ	NASA Langley Research Center	10/1/2014	9/30/2016	\$50,000
Fitts,Jeffrey P	AWD1004180	Grant	Geophysical and Mineralogical Controls on the Rheology of Fracture Slip and Seal Breaching	The Pennsylvania State University	10/1/2014	9/30/2016	\$265,741
Zondlo,Mark A	AWD1004185	Grant	EAGER: Collaborative Research: Development of a New Technique to Measure Ecosystem-level Soil Nitrous Oxide Fluxes using Micrometeorological Towers	National Science Foundation	8/1/2014	7/31/2016	\$59,998

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wood,Eric F	AWD1004186	Grant	Understanding the Role of Land-Atmospheric Coupling in Drought Forecast Skill for the 2011 and 2012 US Droughts	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2014	7/31/2017	\$317,000
Lin,Ning	AWD1004189	Contract	The Changing Climate of the Coastal Ocean: from Science to Solutions for the U.S. Northeast	Woods Hole Oceanographic Institute	6/1/2014	5/31/2017	\$45,950
Celia,Michael A	AWD1004190	Grant	Multiscale Modeling of Carbon Dioxide Migration and Trapping in Fractured Reservoirs with Validation by Model Comparison and Real-Site Applications	DOE - Pittsburgh NETL	10/1/2014	9/30/2017	\$600,000
Sheffield,Justin	AWD1004206	Grant	Development of a Global Flood and Drought Catalogue for the 20th and Early 21st Centuries Based on Improved Assessment of the Global Terrestrial Water Cycle and its Extremes	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2014	7/31/2017	\$423,615
Sheffield,Justin	AWD1004222	Grant	Development of a Latin America and Caribbean Drought Monitor	Army Corps of Engineers	9/30/2014	9/29/2015	\$67,100
Sheffield,Justin	AWD1004275	Grant	Disaster Risk Profile for Paraguay	IH Cantabria	6/15/2014	6/14/2015	\$10,000
Pan,Ming	AWD1004286	Grant	Deriving Global High Resolution Surface Runoff Fields from Space-borne Altimetry Measurements and Development of Precursor Product from River Gauges	NASA Shared Services Center	12/22/2014	12/21/2017	\$396,261
Jaffe,Peter R	AWD1004369	Grant	Combined Biological and Electrochemical Treatment of Gaseous NO Emissions and Organic Waste Water from the Coking Process. Phase 1. Feasibility Study	Hebei Huafeng Coking & Power Co., Ltd	3/1/2015	8/31/2016	\$487,550
Caylor,Kelly K	AWD1004389	Contract	Mapping Agricultural Fields Across Sub-Saharan Africa	Cal Tech - Jet Propulsion Lab (JPL)	3/24/2015	9/27/2015	\$20,000
Bourg,Ian C	AWD1004393	Grant	The Effect of Salinity on Geochemical Processes in Confined Aqueous Fluids	Lawrence Berkeley National Laboratory	5/8/2015	9/30/2017	\$369,165
Wood,Eric F	AWD1004411	Grant	FORESEED - Forecasting to Reduce Socio-Economic Effects of Drought	Netherlands Org for Scientific Rsrch	6/1/2015	5/31/2017	\$146,203
Zondlo,Mark A	AWD1004483	Grant	Methane Observation Networks with Innovative Technology to Obtain Reductions (MONITOR)	Physical Sciences Inc.	4/24/2015	4/16/2018	\$432,976
Wood,Eric F	AWD1004552	Grant	Development of Pre-SWOT ESDRs for Global Surface Water Storage Dynamics	University of California at Los Angeles	6/11/2015	6/10/2016	\$731,841
Caylor,Kelly K	CNV1000700	Grant	CAREER: An Ecohydrological Framework for Understanding Land Degradation in Dryland Ecosystems	National Science Foundation	8/15/2009	7/31/2014	\$1,543,738
Peters,Catherine Anne	CNV1000838	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	8/15/2009	7/31/2014	\$377,000
Garlock,Maria E M	CNV1001026	Grant	The Golden Gate Bridge As An Informal Science Education Resource	Consort Univ for Rsrch in Earthquake Eng	9/1/2009	8/31/2016	\$117,065

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wood, Eric F.	CNV1001117	Grant	Integrating NASA Earth Sciences Research results into Decision Support Systems for Agriculture and Water Management in South America	University of Maryland	11/4/2009	11/3/2014	\$199,945
Wood, Eric F.	CNV1001176	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	8/1/2010	7/31/2014	\$296,291
Sheffield, Justin	CNV1001184	Grant	Improved Assessment of Historical and Future Projected Changes in Global and Regional Drought	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2010	7/31/2014	\$362,000
Bou Zeid, Elie R	CNV1001188	Grant	The Implications of Surface Heterogeneity and Mesoscale Variability on the Dynamics of Stable Atmospheric Boundary Layers	National Science Foundation	9/15/2010	8/31/2014	\$370,902
Smith, James A	CNV1001210	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	1/1/2011	9/30/2016	\$1,375,182
Wood, Eric F	CNV1001227	Grant	Prototype Development of A Microwave Radiometer Simulator for Land Surface and Precipitation Characterization	University of Maryland	9/1/2010	6/30/2015	\$32,000
Caylor, Kelly K	CNV1001240	Grant	ESE Collaborative Research: Spatial Resilience of Agriculturalists to Coupled Ecological and Hydrological Variability in Rural Zambia	National Science Foundation	10/1/2010	3/31/2015	\$350,000
Garlock, Maria E M	CNV1001343	Grant	Collaborative Research: Fire Damage Mitigation and Post-Fire Evaluation of Steel Girder Bridges	National Science Foundation	7/1/2011	6/30/2015	\$174,998
Jaffe, Peter R	CNV1001466	Grant	Collaborative Research: Controls Affecting Greenhouse Gas Fluxes in Restored and Natural Tidal Wetlands	National Science Foundation	9/1/2011	8/31/2015	\$203,334
Rodriguez-Iturbe, Ignacio	CNV1001467	Grant	WaterSCAPES: Science of Coupled Aquatic Processes in Ecosystems from Space	Florida International University	7/14/2011	9/30/2014	\$303,378
Peters, Catherine A	CNV1001495	Grant	Collaborative Research: IDR: A Partnership for Multiscale Experimental Study of CO2 Leakage and Vertical Flow in Geologic Carbon Sequestration	National Science Foundation	10/1/2011	9/30/2015	\$546,488
Wood, Eric F	CNV1001504	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	9/1/2011	8/31/2016	\$308,016
Jaffe, Peter R	CNV1001510	Grant	Volatilization Dynamics in Wetland Systems	National Science Foundation	9/1/2011	8/31/2016	\$310,404
Sheffield, Justin	CNV1001512	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	9/1/2011	8/31/2015	\$254,246

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wood,Eric F	CNV1001541	Grant	Advancing a Refined AMSR-E Soil Moisture Data Product	NASA Headquarters - Washington	9/1/2011	8/31/2015	\$375,000
Caylor,Kelly K	CNV1001567	Grant	Multiscale Effects of Fire on Long-term Climate and Precipitation	NASA Headquarters - Washington	8/22/2011	8/21/2015	\$313,159
Jaffe,Peter R	CNV1001572	Grant	Fate of Uranium During Transport Across the Groundwater-Surface Water Interface	DOE - Chicago	9/15/2011	11/30/2016	\$692,600
Caylor,Kelly K	CNV1001624	Grant	CNH: Institutional Dynamics of Adaptation to Climate Change: Longitudinal Analysis of Snowmelt-Dependent Agricultural Systems	Indiana University	9/1/2011	2/28/2016	\$438,044
Wood,Eric F	CNV1001765	Contract	SMOS + Hydrology Study	Ghent University	9/9/2011	9/30/2015	\$65,807
Caylor,Kelly K	CNV1001793	Grant	Collaborative Research: Quantifying the Ecosystem-Wide Impacts of a Strong Interactor in African Watersheds	National Science Foundation	5/1/2012	4/30/2016	\$123,336
Wood,Eric F	CNV1001825	Grant	Collaborative Research: Petascale Design and Management of Satellite Assets to Advance Space Based Earth Science	National Science Foundation	6/1/2012	9/30/2014	\$12,500
Glisic,Branko	CNV1001834	Grant	CAIT UTC Tier 1 Consortium led by Rutgers	Rutgers University - New Brunswick	1/1/2012	1/31/2016	\$255,810
Scherer,George W	CNV1001867	Cooperative Agreement	Mechanisms of Hydration and Setting of Ordinary Portland Cement in Simple and Complex Systems	Federal Highway Admin (DOT/FHWA)	7/5/2012	6/30/2016	\$800,000
Wood,Eric F	CNV1001971	Grant	A US National Multi-Model Ensemble ISI Prediction System	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2012	7/31/2015	\$239,700
Wood,Eric F	CNV1001999	Grant	Predicting Vegetation Phenology of African Savanna Ecosystems in a Changing Climate	NASA Headquarters - Washington	9/1/2012	8/31/2014	\$60,000
Zondlo,Mark A	CNV1002012	Grant	Validation of TES Ammonia Using an Open-path Quantum Cascade Laser Based Spectrometer	NASA Headquarters - Washington	9/1/2012	8/31/2015	\$90,000
Celia,Michael A	CNV1002074	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	10/1/2012	9/30/2016	\$600,000
Peters,Catherine A	CNV1002108	Grant	Power in a Box: Shipping Sustainable Energy to Recovering and Off-the-Grid Communities	U.S. Environmental Protection Agency	8/15/2012	8/15/2015	\$90,000
Lin,Ning	CNV1002131	Grant	Storm Surge Modeling for the U.S. Atlantic Coast	University of Pennsylvania	9/1/2012	8/31/2014	\$81,157
Jaffe,Peter R	CNV1002527	Grant	Impact Assessment of Climate Change on Water Quality in a Regional Scale using a Land Surface Model (I)	Konkuk University (South Korea)	6/27/2013	11/30/2015	\$255,218
Pan,Ming	CNV1002530	Grant	Developing a Statistical-physical Integrated Approach for Downscaling Hydrologic Information from GCM	Michigan State University	3/20/2013	3/19/2016	\$110,341
Scherer,George W	CNV1002531	Grant	Optimization of Frost Protection	National Science Foundation	7/1/2013	6/30/2017	\$299,892
Wood,Eric F	CNV1002532	Grant	Development of Pre-SWOT ESDRs for Global Surface Water Storage Dynamics	University of Washington	7/1/2013	8/31/2014	\$73,280

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Estes, Lyndon D	CNV1002533	Grant	Evaluating the Performance of the Africa Drought Monitor at Basin Scales	Army Corps of Engineers	9/23/2013	9/22/2015	\$73,535
Lin, Ning	CNV1002823	Grant	Collaborative Research: Examining the Climatology of Extreme Storms in the Northeast US and Putting Hurricane Sandy in Context	National Science Foundation	3/1/2013	8/31/2014	\$34,987
Wood, Eric F	CNV1002847	Grant	Multi-Sensor Enhancement of Real-Time Satellite Precipitation Retrievals for Improved Drought Monitoring	NASA Headquarters - Washington	2/11/2013	2/10/2016	\$450,642
Prevost, Jean-Herve	CNV1002850	Grant	Coupled Modeling of Hydration of Cement Binders and Durability of Concrete	LaFarge Corporation	9/3/2012	9/9/2017	\$257,946
Prevost, Jean-Herve	CNV1002860	Grant	Coupled Modeling of Hydration of Cement Binders and Durability of Concrete	Ctr Scientifique et Tech du Bâtiment	9/3/2012	9/9/2017	\$171,964
Scherer, George W	CNV1002873	Cooperative Agreement	Mechanisms of Hydration and Setting of Ordinary Portland Cement	Ntl Inst of Standards and Technology	6/1/2013	5/31/2016	\$214,000
Wood, Eric F	CNV1002879	Grant	Ensemble Downscaling of Soil Moisture: Merging Remotely Sensed Precipitation and High Resolution Land Surface Information	Massachusetts Institute of Technology	3/19/2013	2/28/2016	\$209,991
Caylor, Kelly K	CNV1002903	Contract	Rapid Forest Triage by Sub-Canopy Micro Air Vehicle	Cal Tech - Jet Propulsion Lab (JPL)	10/29/2013	9/28/2014	\$20,000
Smith, James A	CNV1002914	Grant	Data-based Hydrologic Validation of GPM Rainfall	University of Iowa	2/11/2013	2/10/2016	\$174,536
Sheffield, Justin	CNV1002918	Grant	Development of Consistent Global Long-Term Records of Atmospheric Evaporative Demand	NASA Headquarters - Washington	1/1/2014	12/31/2016	\$647,809
Zondlo, Mark A	CNV1002935	Grant	Methane Emissions from Near-field Sources using an Electronic Aircraft	Environmental Defense Fund	9/1/2013	9/30/2014	\$35,666
Fitts, Jeffrey P	CNV1002936	Grant	Collaborative Research: IDR: A partnership for Multi-scale Experimental Study of CO2 Leakage and Vertical Flow in Geological Carbon Sequestration	University of Virginia	10/1/2013	9/30/2015	\$73,313
Jaffe, Peter R	CNV1003039	Grant	EAGER: Engineering and Testing a Feammox Bacterium for its use in Nitrogen Removal Bioreactors for Wastewater Treatment	National Science Foundation	6/1/2014	5/31/2015	\$49,997
Zondlo, Mark A	CNV1003071	Grant	Feasibility Study for NO, NO2, CO, and Visibility	Norditech Pty Ltd.	4/1/2014	3/31/2015	\$95,440
Jaffe, Peter R	CNV1003106	Grant	The Role of Nutrients and Redox Fluctuations on Arsenic Dynamics and Bioaccumulation in Riparian Zones	Korea Inst of Geoscience & Mineral Rsrcs	3/1/2014	11/30/2016	\$184,000
Lin, Ning	CNV1003107	Contract	Hydrodynamic Modeling for Pacific Island-based Defense Installations	Woods Hole Oceanographic Institute	9/20/2013	2/28/2017	\$281,501
Zondlo, Mark A	CNV1003108	Contract	Fast Nitrous Oxide Sensor for Continuous Flux Measurements	Southwest Sciences, Inc.	2/18/2014	11/17/2016	\$827,602
Glisic, Branko	CNV1003109	Grant	Arrangement of Sensors and Probability of Detection for Sensing Sheets Based on Large-Area Electronics for Reliable Structural Health Monitoring	Rutgers University - New Brunswick	9/30/2013	9/30/2017	\$187,754

Civil and Environmental Engineering (6)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Glisic,Branko	CNV1003122	Grant	Fiber Optic Method for Bridge Health Assessment Based on Long-Gauge Sensors	National Science Foundation	7/1/2014	6/30/2016	\$200,000
Jaffe,Peter R	CNV1003142	Contract	NatureNet Science Fellowship	The Nature Conservancy	7/1/2014	7/31/2016	\$231,000
Wood,Eric F	CNV1003235	Grant	Soil Moisture Cal/Val Activities as a SMAP Mission Science Team Member	NASA Headquarters - Washington	4/24/2014	4/23/2019	\$501,450

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Holmes, Brooke A	CNV1003120	Grant	New Directions Fellowship	The Andrew W. Mellon Foundation	7/1/2014	6/30/2017	\$292,453

Comparative Literature

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Brooks,Peter P	CNV1000492	Grant	The Ethics of Reading: The Humanities and Profesional Cultures	The Andrew W. Mellon Foundation	7/1/2008	9/1/2014	\$1,511,011
Brooks,Peter P	CNV1002869	Grant	Ethics of Reading and Cultures of Professionalism	Christian A. Johnson Endeavor Foundation	9/1/2013	12/31/2014	\$37,000

Computer Science

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Narayanan,Arvind	AWD1004023	Grant	TWC: Small: Addressing the Challenges of Cryptocurrencies: Security, Anonymity, Stability	National Science Foundation	7/1/2014	6/30/2017	\$500,000
August,David I	AWD1004033	Grant	XPS: EXPL: CCA: A Framework for Portable Parallel Performance	National Science Foundation	8/1/2014	7/31/2017	\$300,000
Rusinkiewicz,Szymon M	AWD1004041	Grant	RI: Small: Micro GPS: Localization using Visual Landmarks in Commonplace Texture	National Science Foundation	7/15/2014	6/30/2017	\$499,993
Rexford,Jennifer L	AWD1004065	Grant	NeTS: Medium: Collaborative Research: A Software Defined Internet Exchange	National Science Foundation	10/1/2014	9/30/2017	\$350,000
August,David I	AWD1004101	Grant	SaTC:STARSS: An Architecture for Restoring Trust in Our Personal Computing Systems	National Science Foundation	9/1/2014	8/31/2017	\$500,000
Chazelle,Bernard	AWD1004155	Grant	AF: Small: An Algorithmic Approach to Collective Behavior	National Science Foundation	9/1/2014	8/31/2017	\$420,000
Martin,Barbara E	AWD1004242	Grant	Identification and Validation of Cell Specific eQTLs by Bayesian Modeling	University of Pennsylvania	9/1/2014	6/30/2016	\$218,217
Martin,Barbara E	AWD1004299	Grant	Identification and Validation of Cell Specific eQTLs by Bayesian Modeling	University of Pennsylvania	9/1/2014	6/30/2016	\$227,233
Dvir,Zeev	AWD1004310	Grant	CAREER: New Algebraic Techniques for Line-Point Incidence Problems	National Science Foundation	3/15/2015	2/29/2020	\$481,354
Gupta,Aarti	AWD1004311	Grant	Verification Mentoring Workshop	National Science Foundation	4/1/2015	3/31/2016	\$30,000
Feamster,Nicholas G	AWD1004315	Grant	NeTS: Medium: Collaborative Research: Optimizing Network Support for Cloud Services: From Short-Term Measurements to Long-Term Planning	National Science Foundation	1/16/2015	4/30/2016	\$400,278
Feamster,Nicholas G	AWD1004316	Grant	CI-New: Collaborative Research: An Open Observatory for the Internet's Last Mile	National Science Foundation	1/16/2015	6/30/2017	\$372,393
Feamster,Nicholas G	AWD1004319	Grant	NeTS: Medium: Collaborative Research: A Software Defined Internet Exchange	National Science Foundation	1/16/2015	9/30/2017	\$500,000
Martonosi,Margaret R	AWD1004325	Contract	COLUMBIA ESP: Embedded Scalable Platforms for Terascale - PHASE II	The Trustees of Columbia University	10/1/2014	3/31/2016	\$142,850
Feamster,Nicholas G	AWD1004346	Grant	TC:Large: Collaborative Research:Facilitating Free and Open Access to Information on the Internet	National Science Foundation	1/15/2015	8/31/2016	\$1,661,640
Feamster,Nicholas G	AWD1004361	Grant	CI-New: Collaborative Research: An Open Platform for Internet Routing Experiments	National Science Foundation	1/16/2015	12/31/2017	\$51,164
Arora,Sanjeev	AWD1004416	Grant	Statistical and Computational Tradeoffs in High Dimensional Learning	Massachusetts Institute of Technology	2/1/2015	8/31/2016	\$102,000
Arora,Sanjeev	AWD1004421	Grant	AF: Small: Linear Algebra++ and Applications to Machine Learning	National Science Foundation	6/15/2015	5/31/2018	\$450,000
Martin,Barbara E	AWD1004467	Grant	Decoding and Reprogramming the Corticosteroid Transcriptional Regulatory Network	Duke University	1/1/2015	11/30/2015	\$35,000

Computer Science (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Martin,Barbara E	AWD1004522	Grant	Statistical Models to Investigate Long Distance QTL Transcription Regulation	NIH NHGRI	9/1/2014	6/30/2016	\$247,199
Feamster,Nicholas G	AWD1004525	Grant	NeTS: Small: Collaborative Research: Studying and Improving the Performance of Access Networks.	National Science Foundation	1/16/2015	9/30/2017	\$271,701
Feamster,Nicholas G	AWD1004610	Grant	TWC SBE: TTP Option: Medium: Collaborative: EPICA: Empowering People to Overcome Information Controls and Attacks	Georgia Institute of Technology	1/1/2015	5/31/2017	\$207,037
Peterson,Larry L	CNV1000203	Cooperative Agreement	Planet Lab Memebership Agreement - Income Account	PlanetLab	9/1/2003	8/31/2020	\$2,880,000
Clark,Douglas W	CNV1000220	Grant	Dynamic Compile-time Energy and Power Control for Intel Processors	Intel Corporation	7/1/2005	12/31/2014	\$85,000
Arora,Sanjeev	CNV1000523	Grant	Collaborative Research: Understanding, Coping with, and Benefiting from, Intractability	National Science Foundation	8/15/2008	7/31/2014	\$6,918,587
Appel,Andrew W	CNV1000680	Grant	Evidence Based Trust in Large Scale MLS Systems	Kansas State University	3/1/2009	11/30/2014	\$987,500
Rexford,Jennifer L	CNV1000872	Contract	Hosting Virtual Networks on Multicore Platforms	Intel Corporation	9/1/2009	8/31/2014	\$65,000
Peterson,Larry L	CNV1001050	Grant	CI-ADDO-EN: Scaling, Diversifying and Enriching Planet Lab	National Science Foundation	7/1/2010	12/31/2016	\$2,194,652
Blei,David M	CNV1001090	Grant	Blei - Alfred Sloan Research Fellowship	Alfred P. Sloan Foundation	9/15/2010	9/15/2014	\$50,000
Freedman,Michael J	CNV1001107	Grant	CAREER: Towards Scalable Datacenter Services with Strong Robustness Guarantees	National Science Foundation	7/1/2010	6/30/2016	\$529,306
Schapire,Robert E	CNV1001154	Grant	RI: Small: Boosting, Optimality, and Game Theory	National Science Foundation	9/1/2010	8/31/2014	\$450,000
Walker,David P	CNV1001164	Grant	SHF:Small:Language Support for Ad Hoc Data	National Science Foundation	8/15/2010	7/31/2014	\$500,000
Chazelle,Bernard	CNV1001173	Grant	AF: Small: New Directions in Computational Geometry	National Science Foundation	9/1/2010	8/31/2015	\$347,968
Rusinkiewicz,Szymon M	CNV1001181	Grant	HCC: Large: Collaborative Research: Beyond Flat Images: Acquiring, Processing, and Fabricating Visually Rich Material Appearance	National Science Foundation	9/1/2010	8/31/2015	\$498,105
Freedman,Michael J	CNV1001182	Grant	FIA: Collaborative Research: NEBULA: A Future Internet That supports Trustworthy Cloud Computing	National Science Foundation	9/1/2010	8/31/2014	\$502,602
August,David I	CNV1001205	Grant	SI2-SSI: Accelerating the Pace of Research through Implicitly Parallel Programming	National Science Foundation	10/1/2010	3/31/2016	\$1,740,214
Rexford,Jennifer L	CNV1001237	Grant	FIA: Collaborative Research: Architecting for Innovation	National Science Foundation	10/1/2010	9/30/2014	\$199,999
Peterson,Larry L	CNV1001252	Grant	MRI: Development of a Virtual Cloud Computing Infrastructure	National Science Foundation	10/1/2010	9/30/2014	\$2,940,000
August,David I	CNV1001281	Grant	SPARCHS: Symbiotic, Polymorphic, Autotomic, Resilient, Clean-slate, Host Security	The Trustees of Columbia University	9/22/2010	9/21/2014	\$882,669
Rexford,Jennifer L	CNV1001324	Contract	CURVEBALL SAFER Warfighter Communications Program	BBN Technologies	11/30/2010	11/14/2014	\$392,559

Computer Science (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Freedman,Michael J	CNV1001385	Grant	Alfred P. Sloan Research Fellowship for Dr. Michael J. Freedman in Computer Science	Alfred P. Sloan Foundation	9/15/2011	9/15/2015	\$50,000
Finkelstein,Adam	CNV1001394	Grant	Scalable Topic Modeling: Online Learning, Diagnostics and Recommendation	Office of Naval Research	6/1/2011	5/31/2016	\$509,992
Martonosi,Margaret R	CNV1001434	Grant	SHF: Small: Collaborative Research: Tailoring Memory Accesses and Communication in Heterogeneous Multiprocessors: Power and Performance Opportunities	National Science Foundation	9/1/2011	8/31/2016	\$225,000
Arora,Sanjeev	CNV1001444	Grant	AF: Small: Expansion, Unique Games, and Efficient Algorithms	National Science Foundation	9/1/2011	8/31/2015	\$458,000
Walker,David P	CNV1001490	Grant	TC: Large: Collaborative Research: High-Level Language Support for Trustworthy Networks	National Science Foundation	8/1/2011	7/31/2016	\$1,400,000
Martonosi,Margaret R	CNV1001529	Grant	CPS: Medium: Collaborative Research: Efficient Mapping and Management of Applications onto Cyber-Physical Systems	National Science Foundation	9/1/2011	8/31/2016	\$392,011
Freedman,Michael J	CNV1001558	Grant	Adaptive Network Architecture for Dynamic End-Points and Distributed Systems	Defense Advanced Research Projects Agency	9/5/2011	9/4/2016	\$750,000
Rexford,Jennifer L	CNV1001629	Grant	DARPA Cloud Computing	University of IL at Urbana-Champaign	9/19/2011	9/18/2015	\$1,200,000
Braverman,Mark	CNV1001679	Grant	CAREER: Coding and Information Theory for Interactive Computing	National Science Foundation	1/15/2012	12/31/2016	\$450,000
Rexford,Jennifer L	CNV1001763	Grant	NeTS: Medium: Collaborative Research: Optimizing Network Support for Cloud Services: From Short-Term Measurements to Long-Term Planning	National Science Foundation	5/1/2012	4/30/2016	\$600,000
Arora,Sanjeev	CNV1001852	Grant	Simons Investigator Award for Sanjeev Arora	The Simons Foundation	8/1/2012	7/31/2017	\$726,000
Dvir,Zeev	CNV1001891	Grant	AF: Small: Randomness in Computation - New Directions and Techniques	National Science Foundation	8/1/2012	12/31/2015	\$446,974
Charikar,Moses S	CNV1001911	Grant	AF: Small: Approximation Techniques for Combinatorial Optimization	National Science Foundation	8/1/2012	7/31/2015	\$269,382
Appel,Andrew W	CNV1001912	Cooperative Agreement	CARS: A Platform for Scaling Formal Verification to Component-Based Vehicular Software Stacks	Air Force Research Laboratory (Rome)	8/3/2012	5/3/2017	\$6,108,346
Freedman,Michael J	CNV1001938	Grant	TC: Large: Collaborative Research: Facilitating Free and Open Access to Information on the Internet	National Science Foundation	9/1/2012	8/31/2016	\$750,000
Tarjan,Robert E	CNV1001939	Contract	Routing Table Design for High-end Core Routers	Hewlett-Packard Company	5/14/2012	10/31/2014	\$89,470
Pai,Vivek S	CNV1001977	Grant	CSR: Small: Rethinking the OS/Network Boundary	National Science Foundation	9/1/2012	8/31/2015	\$494,353
Arora,Sanjeev	CNV1001978	Grant	Simons Fellow C. Beck - Lower Bounds for Time and Space	The Simons Foundation	9/1/2012	8/31/2014	\$174,925
Braverman,Mark	CNV1001980	Grant	ICES: Small: Collaborative Research: Data-Driven Mechanisms in Healthcare	National Science Foundation	9/1/2012	8/31/2015	\$183,298

Computer Science (4)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Rexford,Jennifer L	CNV1002167	Grant	EARS: SAVANT - High Performance Dynamic Spectrum Access via Inter Network Collaboration	Rutgers University - New Brunswick	1/1/2013	12/31/2015	\$150,000
August,David I	CNV1002196	Contract	PRACTICE: Power Reducing Adaptive Comuting Technologies Intelligent Cross layer and Efficient	BAE Systems, Inc.	1/7/2013	10/15/2015	\$246,507
Braverman,Mark	CNV1002558	Grant	Simons Foundation Fellowship in Computer Sciences for Omri Weinstein	The Simons Foundation	6/1/2013	5/31/2015	\$46,000
Martonosi,Margaret R	CNV1002559	Contract	COLUMBIA ESP: Embedded Scalable Platforms for Terascale Energy-Efficient Computing	The Trustees of Columbia University	1/4/2013	7/3/2018	\$835,009
Arora,Sanjeev	CNV1002560	Grant	AF: Medium: Towards Provable Bounds for Machine Learning	National Science Foundation	9/1/2013	8/31/2017	\$900,000
Funkhouser,Thomas A	CNV1002561	Grant	BIGDATA: SMALL: DA: Semantic Modeling of Cities from Scanned Data	National Science Foundation	8/1/2013	7/31/2016	\$600,000
Peterson,Larry L	CNV1002562	Grant	EAGER: Unifying Abstractions for OpenCloud -- Supporting a Diverse User Community	National Science Foundation	8/1/2013	7/31/2015	\$300,000
Freedman,Michael J	CNV1002563	Grant	BIGDATA: Small: DCM: JetStream: A Flexible Distributed System for Online and In-Place Data Analysis	National Science Foundation	9/15/2013	8/31/2016	\$700,000
Braverman,Mark	CNV1002837	Grant	Alan Turning Centenary Research Fellowships and Scholar Competition	University of Leeds	7/1/2012	6/30/2015	\$111,431
Braverman,Mark	CNV1002896	Grant	Packard Foundation - Braverman	The David and Lucile Packard Foundation	10/15/2013	10/14/2018	\$875,000
Finkelstein,Adam	CNV1002897	Cooperative Agreement	The Next Generation of Probabilistic Programming: Massive Data, Data Streams, and Model Diagnostics	Defense Advanced Research Projects Agency	10/22/2013	8/21/2017	\$1,820,000
Charikar,Moses S	CNV1003124	Grant	Simons 2014 Charikar	The Simons Foundation	8/1/2014	7/31/2015	\$192,926
Braverman,Mark	CNV1003125	Grant	Simons 2014 Braverman	The Simons Foundation	8/1/2014	7/31/2018	\$320,000
Arora,Sanjeev	CNV1003126	Grant	Simons 2014 Arora	The Simons Foundation	8/1/2014	7/31/2018	\$442,395
Braverman,Mark	CNV1003127	Grant	Simons GARG	The Simons Foundation	6/1/2014	5/31/2016	\$46,000
Arora,Sanjeev	CNV1003129	Grant	Simons Tengyu Ma	The Simons Foundation	6/1/2014	5/31/2016	\$46,000
Charikar,Moses S	CNV1003206	Grant	Funding Application for the Fourth Biennial Women-in-Theory Workshop (WIT)	National Science Foundation	5/15/2014	4/30/2015	\$50,000
Charikar,Moses S	CNV1003224	Grant	Simons Investigator Award for Moses Charikar	The Simons Foundation	8/1/2014	7/31/2015	\$37,980
Appel,Andrew W	CNV1003236	Grant	Appel - Google	Google, Inc.	5/1/2014	6/30/2015	\$100,098
Appel,Andrew W	CNV1003256	Grant	SHF: Medium: Collaborative Research: Principled Optimizing Compilation of Dependently Typed	National Science Foundation	7/1/2014	6/30/2017	\$600,000

Dean of the College

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Herschbach,Lisa M	CNV1000231	Grant	Community Colleges Partnership Agreement	Princeton University	7/1/2006	6/30/2016	\$232,500

Dean of the FacultyACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Girgus,Joan S	CNV1002121	Grant	Best Practices for Faculty Retirement Transitions	Alfred P. Sloan Foundation	9/1/2012	9/1/2014	\$100,000

East Asian Studies / EAS Program

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Elman,Benjamin A	CNV1001350	Grant	Mellon Distinguished Achievement Award	The Andrew W. Mellon Foundation	7/1/2011	6/30/2016	\$1,502,446
Teiser,Stephen F	CNV1000436	Grant	National Consortium for Teaching About Asia Seminar	Freeman Foundation	9/1/2008	6/30/2016	\$234,045

Ecology & Evolutionary Biology

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Levin,Simon A	AWD1004044	Grant	Coastal SEES Collaborative Research: Adaptations of Fish and Fishing Communities to Rapid Climate Change	National Science Foundation	9/1/2014	8/31/2018	\$135,442
Levin,Simon A	AWD1004069	Contract	Green Growth based on Marine Resources: Ecological and Socio-Economic Constraints	University of Oslo	4/1/2014	3/31/2017	\$291,076
Couzin,Iain D	AWD1004090	Grant	IOS: Sensory Networks and Collective Information Processing in Animal Groups	National Science Foundation	8/1/2014	7/31/2017	\$325,000
Landweber,Laura F	AWD1004120	Grant	Molecular Mechanisms and Epigenetic Control of Beneficial Transposons: Lessons from Ciliates	Human Frontier Science Prog Org (HFSP)	8/1/2014	7/31/2017	\$375,000
Levin,Simon A	AWD1004173	Grant	Robustness and Adaptability in Complex Biological Systems	Army Research Office	9/1/2014	7/31/2017	\$360,000
McBride,Carolyn S	AWD1004203	Grant	Genetic Analysis of Mosquito Olfactory Preference for Humans	NIH NIDCD	9/1/2014	8/31/2017	\$738,063
Rubenstein,Daniel I	AWD1004208	Grant	Collaborative Research: EAGER: Prototype of an Image-Based Ecological Information System (IBEIS)	National Science Foundation	9/1/2014	8/31/2016	\$59,620
Rubenstein,Daniel I	AWD1004235	Contract	NatureNet Science Fellows Program for Megan McSherry	The Nature Conservancy	10/1/2014	9/30/2016	\$231,000
Rubenstein,Daniel I	AWD1004267	Grant	Dynamic Network Analysis of Gelada Herding and Movement	L.S.B. Leakey Foundation	1/1/2015	5/31/2016	\$24,670
Levin,Simon A	AWD1004305	Contract	NMFS-Sea Grant Population and Ecosystem Dynamics Graduate Fellowship: Assessing the Impacts of Connectivity on Coral Reef Metacommunity Dynamics in the Coral Triangle	New Jersey Sea Grant Extension Program	6/1/2014	5/31/2017	\$96,249
Dobson,Andrew P	AWD1004313	Grant	Princeton-NFWF Program in Conservation Biology	The National Fish and Wildlife Fdn	2/1/2015	1/31/2016	\$100,000
Pringle,Robert M	AWD1004350	Grant	Dissertation Research: Testing the Effects of Large Mammalian Herbivores on Savanna Dynamics and Community Structure with Regional and Continent-Scale Natural Experiments	National Science Foundation	6/1/2015	9/30/2016	\$15,144
Pringle,Robert M	AWD1004387	Grant	Predation, Competition, and Establishment Dynamics within an Insular Adaptive Radiation	National Science Foundation	5/1/2015	4/30/2019	\$882,925
Dobson,Andrew P	AWD1004394	Contract	Quantitative Analysis and Modelling to Support the Achievement of the 2020 Goals for Leprosy	University of Warwick	10/23/2014	12/31/2017	\$388,550
vonHoldt,Bridgett M	AWD1004418	Grant	A Temporal Assessment of Genetic Ancestry in the Endangered Red Wolf (Canis rufus) throughout their Recovery in Relation to other Canis in the Eastern U.S.	Point Defiance Zoo & Aquarium	5/1/2015	3/31/2017	\$6,680
Wilcove,David S	AWD1004422	Grant	Dissertation Research: Disentangling Drivers of Community Structure and Composition of a Tropical	National Science Foundation	6/1/2015	5/31/2016	\$16,277

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Levin,Simon A	AWD1004429	Grant	Dissertation Research: Apparent Competition or Anthropogenic Over-harvest: Hunting in a Multi-species Context and its Impact on Species Extinctions in Tropical East Asia	National Science Foundation	6/1/2015	5/31/2017	\$16,336
Pringle,Robert M	AWD1004430	Grant	NatureNet Science Fellows Program for Tyler Kratzinal	The Nature Conservancy	6/1/2015	5/31/2016	\$115,500
Graham,Andrea L	AWD1004654	Grant	DISSERTATION RESEARCH: The Effects of Multi-Species Interactions on the Community Structure of Parasites	National Science Foundation	6/15/2015	5/31/2017	\$16,293
Rubenstein,Daniel I	CNV1000004	Grant	Petrie Fellowship	Frederick D. Petrie	7/1/1989	6/30/2015	\$718,387
Levin,Simon A	CNV1000628	Grant	Dynamics of South African Vegetation	The Andrew W. Mellon Foundation	10/1/2008	9/30/2014	\$295,987
Dobson,Andrew P	CNV1000710	Grant	Allometry of Parasites and Foodwebs	James S. McDonnell Foundation	9/1/2009	9/1/2014	\$445,730
Grenfell,Bryan T	CNV1001006	Grant	Evaluation of Candidate Vaccine Technologies Using Computational Models	University of Pittsburgh	9/1/2009	10/31/2014	\$2,912,660
Altmann,Jeanne	CNV1001029	Grant	Mechanisms and Consequences of Social Connectedness in a Wild Primate Population	Duke University	9/15/2009	8/31/2015	\$844,821
Altmann,Jeanne	CNV1001030	Grant	Sex Differences in Health and Survival in a Wild Primate Population	Duke University	9/30/2009	8/31/2015	\$349,642
Levin,Simon A	CNV1001212	Grant	Dimensions: Collaborative Research: Biological Controls on the Ocean C:N:P ratios	National Science Foundation	1/1/2011	9/30/2016	\$497,366
Dobson,Andrew P	CNV1001452	Grant	Collaborative Research: Modeling Infectious Diseases:How Much Ecological Complexity Must We Address?	National Science Foundation	8/1/2011	7/31/2016	\$350,469
Levin,Simon A	CNV1001481	Grant	The Evolution of Incentives and Social Structure Under Imperfect Information	National Science Foundation	9/1/2011	8/31/2015	\$733,626
Levin,Simon A	CNV1001494	Grant	Conservation in a Changing Climate: Predicting Range Shifts for Marine Spatial Planning	Society for Conservation Biology	9/1/2011	9/1/2014	\$185,678
Levin,Simon Asher	CNV1001704	Grant	Modeling Anthropogenic Effects in the Spread of Infectious Diseases	Arizona State University	9/15/2011	6/30/2015	\$89,995
Waters,James S	CNV1001726	Grant	Allometric Scaling of Metabolism, Growth, and Activity in Whole Colonies of the Seed-Harvester Ant <i>Pogonomyrmex californicus</i>	James S. McDonnell Foundation	12/1/2012	12/1/2014	\$200,000
Basta,Nicole E	CNV1001752	Grant	Antibody Persistence after Conjugate Meningococcal Group A Vaccination in Mali	NIH Office of the Director	3/17/2012	1/30/2015	\$1,251,584
Hedin,Lars O	CNV1001761	Grant	The Role of Nutrients, Climate and Herbivory in Governing Savanna Ecosystems	The Andrew W. Mellon Foundation	3/23/2012	3/23/2015	\$250,216
Couzin,Iain D	CNV1001772	Grant	Information Processing and Computation in Fish Groups	Human Frontier Science Prog Org (HFSPO)	10/1/2012	2/1/2015	\$56,568

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Rubenstein, Daniel I	CNV1001773	Grant	Doctoral Dissertation Improvement: The Ontogeny of Male-Male Bonds in Wild Ethiopian Geladas (Theropithecus Gelada)	National Science Foundation	4/1/2012	3/31/2015	\$17,552
Landweber, Laura F	CNV1001889	Grant	Epigenetic regulation of programmed genome instability in <i>O. trifallax</i>	NIH NIGMS	8/1/2012	7/31/2014	\$106,132
Graham, Andrea L	CNV1001948	Grant	Elucidating the Mechanistic Basis and Population Level Consequences of Immune Priming in Tribolium Beetles	U.S. Dept of Agriculture	8/15/2012	8/14/2014	\$75,000
Couzin, Iain D	CNV1001954	Grant	EAGER: Collaborative Research: The Perceptual Basis of Collective Behavior in a Model Vertebrate	National Science Foundation	1/1/2013	12/31/2014	\$90,000
Couzin, Iain D	CNV1001962	Grant	DISSERTATION RESEARCH: Learning and Collective Intelligence in Animal Groups	National Science Foundation	7/1/2012	9/30/2014	\$14,075
Levin, Simon A	CNV1001992	Grant	Evolutionary Construction and Complexity	The John Templeton Foundation	10/1/2012	9/30/2014	\$179,970
Levin, Simon A	CNV1002006	Grant	CNH: Social-Ecological Complexity and Adaptation in Marine Systems	National Science Foundation	9/1/2012	8/31/2016	\$1,498,903
Dobson, Andrew P	CNV1002100	Cooperative Agreement	Ecological Drivers of Virulence Evolution in an Emerging Avian Pathogen.	Virginia Polytechnic Inst & State Univ	9/15/2012	8/31/2016	\$295,084
Rubenstein, Daniel I	CNV1002138	Grant	CREATIV: Mingle: Sensing the Social Interactions of Animals	University of Illinois at Chicago	9/1/2012	8/31/2016	\$85,691
Rubenstein, Daniel I	CNV1002484	Grant	Smart Livestock Off-take Strategies: Enhancing Pastoral Livelihoods and Environmental Conservation in Northern Kenyan Rangelands	The Nature Conservancy	2/1/2013	7/30/2015	\$133,500
Landweber, Laura F	CNV1002487	Grant	Understanding Complex Gene Editing Systems in Protists	NIH NIGMS	9/5/2013	6/30/2017	\$1,354,270
Andolfatto, Peter	CNV1002488	Grant	Collaborative Research: Physiological Genomics of Color Vision in Butterflies	National Science Foundation	5/15/2013	4/30/2016	\$88,240
Landweber, Laura F	CNV1002490	Grant	RNA-guided Genome Rearrangement: Experiments Coupled with Discrete Models	University of South Florida	9/1/2013	6/30/2018	\$1,202,085
Hedin, Lars O	CNV1002876	Contract	NatureNet Science Fellows Program	The Nature Conservancy	2/1/2013	9/30/2015	\$231,000
Levin, Simon A	CNV1003114	Grant	In Support of the Postdoctoral Fellow's Salary, Fringe Benefits and Research Plan	James S. McDonnell Foundation	9/1/2014	8/31/2016	\$200,000
Graham, Andrea L	CNV1003115	Grant	RCN: Infectious Disease Evolution Across Scales	National Science Foundation	7/1/2014	6/30/2019	\$499,916
Tarnita, Corina E	CNV1003117	Grant	Collaborative Research: DEB: Causes and Consequences of Regular Spatial Patterning in Foundation Species: Theoretical Development and Experimental Tests in an African Savanna	National Science Foundation	11/1/2014	10/31/2017	\$379,998
Metcalf, Charlotte J E	CNV1003148	Grant	Models to Support Decision Making for Measles and Rubella Vaccination Planning	The Pennsylvania State University	10/18/2013	3/15/2016	\$362,895

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Hedin,Lars O	CNV1003158	Grant	DISSERTATION RESEARCH: Biogeochemical controls of Mo and P availability for N2-fixing Trees Across the Amazon Basin	National Science Foundation	6/1/2014	5/31/2016	\$20,741
Andolfatto,Peter	CNV1003251	Grant	DISSERTATION RESEARCH: The Origin and Evolution of a Sexually Selected Trait	National Science Foundation	6/1/2014	5/31/2016	\$20,937

Economics

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kalouptside, Myrto	AWD1004011	Grant	Detection and Impact of Industrial Subsidies: the Case of World Shipbuilding	National Science Foundation	7/15/2014	6/30/2017	\$244,944
Pesendorfer, Wolfgang	AWD1004039	Grant	Risk, Ambiguity and Dynamic Choice	National Science Foundation	8/1/2014	7/31/2017	\$380,526
Brunnermeier, Markus K	AWD1004191	Grant	Princeton Initiative: Macro, Money and Finance	Alfred P. Sloan Foundation	9/1/2014	8/31/2016	\$115,000
Evdokimov, Kirill	AWD1004370	Grant	New Econometric Approaches to Models with Unobserved Heterogeneity	National Science Foundation	4/15/2015	3/31/2018	\$239,964
Kastl, Jakub	AWD1004419	Grant	Alfred P. Sloan Research Fellowship for Dr. Jakub Kastl	Alfred P. Sloan Foundation	5/15/2015	9/14/2016	\$24,755
Kastl, Jakub	AWD1004437	Grant	Empirical Analysis of Auction Markets: Liquidity, Electricity, and Information Structure	National Science Foundation	1/1/2015	7/31/2016	\$35,725
Currie, Janet M	AWD1004601	Grant	The Undergraduate Women in Economics Challenge	National Bureau of Economic Research	5/1/2015	6/30/2020	\$12,500
Battaglini, Marco	CNV1000229	Grant	Career: A Legislative Theory of Public Spending, Debt, and Taxation	National Science Foundation	7/1/2006	6/30/2015	\$400,362
Abreu, Dilip J	CNV1000704	Grant	Collaborative Research: Reputational Bargaining with Two-Sided Asymmetric Information About Fundamentals	National Science Foundation	9/15/2009	8/31/2014	\$160,758
Honore, Bo E	CNV1001134	Grant	Specification and Estimation of Econometric Duration Models	National Science Foundation	7/1/2010	9/30/2014	\$198,393
Pesendorfer, Wolfgang	CNV1001390	Grant	Behavioral Optimization in Discrete Choice and in Competitive Markets	National Science Foundation	7/1/2011	6/30/2016	\$384,516
Abreu, Dilip J	CNV1001473	Grant	Algorithms for Computing the Equilibrium Payoff Sets of Dynamic Games with Perfect Monitoring	National Science Foundation	8/1/2011	7/31/2015	\$232,443
Xiong, Wei	CNV1001603	Grant	Financial Innovations in Commodities Markets	Smith Richardson Foundation, Inc.	11/1/2011	10/31/2014	\$36,800
Golosov, Mikhail	CNV1001733	Grant	Alfred P. Sloan Research Fellowship -- transfer from Yale University BR-4855 TR12	Alfred P. Sloan Foundation	3/15/2012	9/30/2015	\$30,699
Morris, Stephen E	CNV1001970	Grant	ICES: Small: Collaborative Research: Interaction, Information and Identification	National Science Foundation	9/1/2012	8/31/2015	\$200,000
Mueller, Ulrich K	CNV1002013	Grant	Inference in Non-Standard Econometric Problems	National Science Foundation	9/1/2012	8/31/2015	\$199,116
Kaplan, Greg W	CNV1002018	Grant	Collaborative Research: Understanding the Consumption Response to Fiscal Stimulus Payments: A Structural Analysis	National Science Foundation	7/1/2012	7/31/2015	\$199,040
Fujiwara, Thomas	CNV1002510	Grant	Global Scholar Fellowship in the Institutions, Organizations and Growth Program (IOG)	Canadian Institute for Advanced Research	7/1/2013	6/30/2016	\$100,000
Farber, Henry S	CNV1002511	Grant	An Audit Study of the Determinants of Reemployment with Special Focus on Older Workers	Arizona State University	5/1/2013	10/31/2015	\$55,128

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Kiyotaki,Nobuhiro	CNV1002512	Grant	Financial Intermediation, Crises and Aggregate Economic Activity	National Science Foundation	8/15/2013	7/31/2016	\$187,284
Ait-Sahalia,Yacine	CNV1002881	Grant	Excitation in Eurozone Sovereign Credit Default Swaps	Fondation Banque de France	7/1/2013	12/31/2014	\$40,764
Abreu,Dilip J	CNV1003121	Grant	Collaborative Research: Reputational Equilibrium Refinements of Bargaining Games with Asymmetric Information	National Science Foundation	7/1/2014	6/30/2016	\$69,012

Electrical Engineering

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Poor,H Vincent	AWD1004016	Grant	CIF: Small:Collaborative Research:Towards Universal Signal Recovery Algorithms	National Science Foundation	7/1/2014	6/30/2017	\$250,000
Sengupta,Kaushik	AWD1004021	Grant	Multiplexing Techniques for Scalable Wireless Interconnects at sub-THz Frequencies: Circuits-EM-Communication Codesign Approach	National Science Foundation	8/1/2014	7/31/2017	\$300,000
Poor,H Vincent	AWD1004024	Grant	Collaborative Research: Network Protection under Uncertainty	National Science Foundation	9/1/2014	8/31/2017	\$140,000
Chou,Stephen Y	AWD1004026	Grant	New Scalable Nanomanufacturing Technology: Large-Area Nanoimprint Master Fabrication without Using EBL by Innovative Multi-Set Nanopatterning	National Science Foundation	8/1/2014	7/31/2017	\$300,000
Fleischer,Jason W	AWD1004027	Grant	Dynamical Imaging in Phase Space	Air Force Office of Scientific Research	7/1/2014	6/30/2017	\$450,000
Wysocki,Gerard	AWD1004029	Grant	Small Business - ERC Collaborative Opportunity to Develop an Instrument for Trace Detection of O2 using a High-Finesse Prism Optical Cavity and the Faraday Effect	Tiger Optics (MEECO)	4/1/2014	3/31/2016	\$100,000
Kahn,Antoine	AWD1004043	Grant	Status and Perspectives for the Hybrid Organic-Inorganic Perovskite-Based and -Inspired Systems as Future Energy Materials	National Science Foundation	7/1/2014	6/30/2015	\$24,000
Mittal,Prateek	AWD1004059	Grant	TWC: Medium: Collaborative: Aspire: Leveraging Automated Synthesis Technologies for Enhancing System Security	National Science Foundation	8/1/2014	7/31/2018	\$400,000
Wentzlaff,David	AWD1004061	Grant	XPS: FULL: CCA: Collaborative Research: CASH: Cost-aware Adaptation of Software and Hardware	National Science Foundation	9/1/2014	8/31/2018	\$300,000
Mittal,Prateek	AWD1004084	Grant	TWC: Small: Collaborative: Advancing Anonymity Against an AS-level Adversary	National Science Foundation	9/1/2014	8/31/2017	\$250,000
Wentzlaff,David	AWD1004147	Grant	Looking Beyond the Dark, Rethinking General Purpose Computer Architecture for UAV and Space Processing	Space and Naval Warfare Systems Command	9/4/2014	9/3/2017	\$800,000
Jha,Niraj K	AWD1004220	Contract	FinFET Architectural Simulation and Low-power NoCs	Huawei Technologies Co. Ltd.	9/1/2014	7/27/2015	\$365,286
Chou,Stephen Y	AWD1004226	Grant	New Smartphone-Based Assay Platform for Low-cost, Rapid, Point-of-Care, Fetal/Infant Brain Function and Damage Diagnostics	Bill & Melinda Gates Foundation	11/1/2014	4/30/2016	\$100,000
Verma,Naveen	AWD1004231	Grant	(YIP) From Sensor Data to High-Value Information: Ultra-Low-Energy Platforms for Deriving Inferences from Complex Embedded Signals	Air Force Office of Scientific Research	9/30/2014	9/29/2017	\$360,000
Rodriguez,Alejandro W	AWD1004266	Grant	CAREER: Fluctuation-Induced Phenomena in Microstructured Media	National Science Foundation	2/1/2015	1/31/2020	\$500,000
Wentzlaff,David	AWD1004279	Grant	CAREER: Commonality Exploiting Architectures for Energy Efficiency	National Science Foundation	2/1/2015	1/31/2020	\$511,176

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Chiang,Mung	AWD1004284	Grant	WiFiUS: Ubiquitous Video over Dynamic Spectrum	National Science Foundation	2/1/2015	1/31/2017	\$270,000
Poor,H Vincent	AWD1004314	Grant	WiFiUS: Collaborative Research: Sequential Inference and Learning for Agile Spectrum Use	National Science Foundation	3/15/2015	2/28/2017	\$135,000
Sengupta,Kaushik	AWD1004362	Grant	Broadband and Spectrally-Efficient mm-Wave Silicon-Based Receivers for Multi-Gb/s Wireless Transmission	Office of Naval Research	4/1/2015	3/31/2018	\$450,000
Wentzlaff,David	AWD1004368	Contract	Parameter Variations at Near Threshold Voltage: The Power Efficiency versus Resiliency Trade-off	University of Wisconsin	1/30/2015	9/13/2015	\$130,000
Cuff,Paul W	AWD1004392	Grant	Performance-based Security for Encoding of Information Signals	Air Force Office of Scientific Research	5/1/2015	4/30/2018	\$360,000
Verdu,Sergio	AWD1004424	Grant	CIF: Medium: Collaborative Research: Feedback Communication: Models, Designs, and Fundamental Limits	National Science Foundation	6/1/2015	5/31/2019	\$400,000
Tureci,Hakan E	AWD1004432	Grant	Stabilizing Quantum Information through Dissipation - Research Area 6: Physics	Army Research Office	6/15/2015	6/14/2016	\$195,349
Prucnal,Paul R	AWD1004434	Contract	Princeton-L3 Industrial Collaboration: Miniaturizing an Interference Cancellation System	L-3 Telemetry-East	1/1/2015	12/31/2015	\$75,000
Wysocki,Gerard	AWD1004440	Grant	Monolithic THz and LWIR QCL Frequency Combs for Threat Detection and Identification	Massachusetts Institute of Technology	6/9/2015	11/30/2017	\$550,000
Chou,Stephen Y	AWD1004463	Grant	Development of a Highly Sensitive Antigen Diagnostic Capable of Detecting Sub Picogram Quantities of Soluble & Membrane Forms of the Ebola Virus Glycoprotein	Bill & Melinda Gates Foundation	6/29/2015	3/31/2016	\$230,025
Chou,Stephen Y	AWD1004550	Grant	Subwavelength-Resonant-Grating Mirror and Cavity for Single-Mode, Sub-pm-linewidth, UV (220-240 nm) Laser	Office of Naval Research	6/1/2015	5/31/2017	\$400,000
Chiang,Mung	CNV1000647	Grant	Distributed Scheduling in MANET	Office of Naval Research	1/1/2009	12/31/2014	\$993,768
Martonosi,Margaret R	CNV1000811	Grant	SHF:Small:SISA: A System-Level ISA for Power-Performance Management in CMPs	National Science Foundation	8/1/2009	7/31/2014	\$450,000
Bhatt,Ravindra N	CNV1000877	Grant	Design Principles for Quantum Hall States	DOE - Germantown	9/1/2009	8/31/2016	\$4,275,000
Chiang,Mung	CNV1000896	Grant	NetSE: Medium: Robust Socio-Technological Networks: An Inter-disciplinary Approach to Theoretical Foundation and Experimentation	National Science Foundation	10/1/2009	9/30/2014	\$1,107,950
Kahn,Antoine	CNV1000932	Grant	ARRA: Proposal to Establish an Energy Frontier Research Center (EFRC) Center for Interface Science: Hybrid Solar Electric Materials	University of Arizona	8/1/2009	7/31/2014	\$692,792
Chou,Stephen Y	CNV1000941	Grant	Nanophotonic Structures by 3D DNA Self-Assembly	Arizona State University	8/9/2009	8/8/2014	\$320,000
Wysocki,Gerard	CNV1001036	Grant	CAREER:Coherent Mid-infrared Molecular Dispersion Spectroscopy for Ultra-sensitive Chemical Detection	National Science Foundation	2/1/2010	1/31/2016	\$405,843
Kahn,Antoine	CNV1001106	Grant	Physics and Applications of Doping in Molecular and Polymer Semiconductor Films	National Science Foundation	7/1/2010	6/30/2015	\$669,842

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Chiang,Mung	CNV1001138	Grant	NeTS: Large:Collaborative Research: Architecting Manageable Interference for Next-Generation Wireless Networks	National Science Foundation	7/1/2010	6/30/2016	\$570,000
Verdu,Sergio	CNV1001155	Grant	CIF:Small:Non-asymptotic Information Theory	National Science Foundation	8/1/2010	7/31/2014	\$500,000
Poor,H Vincent	CNV1001179	Grant	CIF: Small: Privacy and Utility of Databases:An Information-Theoretic Approach	National Science Foundation	9/1/2010	8/31/2014	\$333,493
Verdu,Sergio	CNV1001243	Cooperative Agreement	Emerging Frontiers of Science of Information	Purdue University	8/1/2010	5/31/2016	\$3,159,736
Ramadge,Peter J	CNV1001431	Grant	CIF:Small:Fast Stagewise Learning of Sparse Hierarchical Data Representations	National Science Foundation	7/1/2011	6/30/2015	\$372,000
Chiang,Mung	CNV1001454	Contract	Flexible Load Balancing and Flow Control in a Multi-Tenant Shared Data Center	Hewlett-Packard Company	8/1/2011	7/31/2014	\$228,000
Cuff,Paul W	CNV1001465	Grant	CIF:Small:Causal Secrecy-A Theoretical Basis for Secrecy of Signals	National Science Foundation	8/1/2011	7/31/2015	\$490,000
Poor,H Vincent	CNV1001482	Grant	ATD: Collaborative Research: Mathematical Challenges in Distributed Quickest Detection	National Science Foundation	8/15/2011	7/31/2015	\$319,320
Chiang,Mung	CNV1001543	Grant	NeTS:Small:Innovating Internet Access Pricing : From Theory to Deployment	National Science Foundation	9/1/2011	8/31/2014	\$300,000
Kahn,Antoine	CNV1001545	Grant	The Organic / Inorganic Heterojunction as Model for Understanding and Controlling the Interface Energetics of Excitonic Solar Cells	U.S.-Israel Binational Science Fdn.	10/1/2011	9/30/2015	\$91,952
Ramadge,Peter J	CNV1001568	Grant	U.S.-German Collaboration: Building Common High-Dimensional Models of Neural Representational Spaces	National Science Foundation	9/15/2011	8/31/2014	\$348,685
Chiang,Mung	CNV1001628	Contract	Autonomous Collaborative Control for Resilient Cyber Defense (ACCORD)	TT Government Solutions, Inc.	12/8/2011	12/31/2015	\$600,000
Fleischer,Jason W	CNV1001722	Grant	Spatial Wavefront Control in Classical and Quantum Optics	Air Force Office of Scientific Research	3/15/2012	3/14/2016	\$750,000
Wysocki,Gerard	CNV1001724	Grant	Compact Multi-Pollutant Mid-Infrared Laser Spectroscopic Trace-Gas Sensor	U.S. Environmental Protection Agency	2/1/2012	1/31/2016	\$250,000
Cuff,Paul W	CNV1001756	Grant	Provable Security of Communication for Protecting Information Flow in Distributed Systems	Air Force Office of Scientific Research	7/1/2012	6/30/2015	\$450,000
Poor,H Vincent	CNV1001792	Grant	Marie Curie Fellowship - Zhiguo Ding FLOW-Fundamental Limits of Network Coding in Wireless Networks	Marie Curie Intl Outgoing Fellowships	9/1/2012	8/31/2014	\$22,825
Jha,Niraj K	CNV1001821	Grant	SHF:Small: Efficient and Accurate Methodologies for Unifying the Layout, Device Simulation, and Process Simulation Worlds	National Science Foundation	7/1/2012	6/30/2016	\$450,000

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Tureci,Hakan E	CNV1001832	Grant	Marie Curie Outgoing Fellowship for Kostis Makris	Vienna University of Technology	6/1/2012	5/31/2015	\$46,441
Wentzlaff,David	CNV1001857	Grant	SHF:Small: Redesigning Manycore Computer Architecture for the Mega-core Data Center	National Science Foundation	7/1/2012	6/30/2016	\$300,000
Verma,Naveen	CNV1001877	Contract	Accelerator Architectures and Algorithms for Embedded Machine Learning in Medical Sensor Applications	Semiconductor Research Corporation	8/1/2012	7/31/2016	\$255,000
Lee,Ruby B	CNV1001965	Grant	CSR:Small: Cloud Security on Demand	National Science Foundation	9/1/2012	8/31/2016	\$500,000
Tureci,Hakan E	CNV1001996	Grant	CAREER: Collective Effects in Cavity Quantum Electrodynamics - From Fundamental Science to Devices	National Science Foundation	9/1/2012	8/31/2017	\$460,000
Prucnal,Paul R	CNV1001998	Grant	NeTS: Small: Collaborative Research: OSTARA: An Optically-based Simultaneous Transmit And Receive Architecture for Enhancing Wireless Communications	National Science Foundation	9/1/2012	8/31/2015	\$250,000
Jha,Niraj K	CNV1002002	Grant	SHF:Small: Fine-grain Dynamically Reconfigurable FPGA Architecture Aimed at Reducing the ASIC-FPGA Gaps	National Science Foundation	9/1/2012	8/31/2016	\$350,000
Prucnal,Paul R	CNV1002004	Grant	Collaborative Research: Big Bandwidth: Finding Anomalous Needles in the Spectrum Haystack	National Science Foundation	1/1/2013	12/31/2016	\$200,000
Jha,Niraj K	CNV1002005	Grant	TWC: Small: Collaborative: Enhancing the Safety and Trustworthiness of Medical Devices	National Science Foundation	9/1/2012	8/31/2016	\$325,000
Lee,Ruby B	CNV1002076	Cooperative Agreement	Using Moving Target Defense for Secure Hardware Design	Air Force Research Laboratory (Rome)	9/28/2012	8/30/2015	\$1,511,740
Lyon,Stephen A	CNV1002173	Contract	Princeton Quantum Engineering Group	The MITRE Corporation	10/1/2012	9/30/2018	\$23,000
Verma,Naveen	CNV1002187	Grant	CAREER: Hardware and Algorithmic Architectures for Analyzing Physically-complex Systems: Embedding Inference Capabilities in Ultra-low-Power Sensors	National Science Foundation	3/1/2013	2/28/2018	\$445,734
Malik,Sharad	CNV1002190	Grant	Systems On Nanoscale Information fabriCs (SONIC) Center	University of IL at Urbana-Champaign	1/15/2013	10/31/2016	\$2,223,333
Wentzlaff,David	CNV1002192	Grant	Carbon: Organic Computing for Embedded Applications	Massachusetts Institute of Technology	11/20/2012	11/19/2015	\$533,876
Tsui,Daniel C	CNV1002547	Contract	Novel Quantum Hall physics in Low Dimensional Electron Systems	Sandia National Laboratories	1/22/2013	9/30/2015	\$400,000
Abbe,Emmanuel Auguste	CNV1002548	Grant	CIF:Small: Analog-to-Analog Compression: Fundamental Limits and Constructive Schemes	National Science Foundation	7/1/2013	6/30/2016	\$474,978
Verdu,Sergio	CNV1002550	Grant	CIF:Small:Collaborative Research:Compressed Databases for Similarity Queries: Fundamental Limits and Algorithms	National Science Foundation	7/1/2013	6/30/2016	\$250,000
Malik,Sharad	CNV1002551	Contract	Revised CFAR: The Center for Future Architectures Research (C-FAR)	University of Michigan	1/15/2013	10/31/2017	\$3,262,496

Electrical Engineering (5)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Jha,Niraj K	CNV1002553	Grant	SHF: Small: Parasitics-aware Exploration of the FinFET SRAM Design Space	National Science Foundation	9/1/2013	8/31/2016	\$450,000
Chiang,Mung	CNV1002554	Grant	NeTS: Small: Collaborative Research: Theory, Algorithms, and Experiments for Frequency-Agile Beamforming Mesh (FabMesh)	National Science Foundation	10/1/2013	9/30/2016	\$249,000
Chiang,Mung	CNV1002555	Grant	Mung Chiang NSF Waterman Award	National Science Foundation	9/6/2013	9/30/2018	\$1,000,000
Wentzlaff,David	CNV1002556	Grant	EAGER: Architectures for Biodegradable Processors	National Science Foundation	9/15/2013	8/31/2016	\$160,561
Poor,H Vincent	CNV1002557	Grant	Collaborative Research: EARS: Fundamental Limits of Spectrum Sensing	National Science Foundation	10/1/2013	9/30/2016	\$212,154
Malik,Sharad	CNV1002838	Contract	DADC: Agile and Distributed Configuration of Cyber Infrastructure	TT Government Solutions, Inc.	3/14/2013	12/14/2014	\$273,700
Chiang,Mung	CNV1002864	Grant	SIGMA: Students Innovating for Greater Medical Access	Robert Wood Johnson Foundation	2/15/2013	2/14/2016	\$671,895
Cuff,Paul W	CNV1002972	Grant	CAREER: Digital Encoding of Information Signals for Security with Limited Resources	National Science Foundation	2/1/2014	1/31/2019	\$450,000
Chiang,Mung	CNV1002973	Grant	Measuring, Understanding, and Responding to Covert Social Networks: Passive and Active Tomography	Harvard University	5/1/2013	11/22/2016	\$1,076,390
Chiang,Mung	CNV1003110	Grant	Social Learning Networks: From Data Analytics to Active Sensing (Proposal for Social Informatics Program, PM John Lavery)	Army Research Office	5/1/2014	4/30/2017	\$300,000
Chiang,Mung	CNV1003162	Contract	Cross-Stratum Optimization for the Tb/s Cloud (CSG)	Vencore Labs, Inc.	6/1/2014	3/31/2015	\$90,000
Wentzlaff,David	CNV1003223	Grant	Megacore Operating System and Chip Architecture Co-Design	Air Force Office of Scientific Research	6/15/2014	6/14/2017	\$360,000

ACTIVE SPONSORED AWARDS
7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Brown,Christopher M	CNV1002568	Grant	ACLS New Faculty Fellowship for Christopher M. Brown	American Council of Learned	7/1/2013	6/30/2015	\$74,334

Gender & Sexuality StudiesACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Strolovitch,Dara Z	CNV1003003	Grant	Widening Inequalities and Political Representation for Marginalized Groups	Russell Sage Foundation	11/1/2013	12/31/2015	\$104,870

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Schoene,Robert B	AWD1004053	Grant	Collaborative Research: EarthScope Geochronology: Graduate Student Training Program	National Science Foundation	8/1/2014	1/31/2017	\$30,329
Jonsson,Bror F	AWD1004089	Grant	Lagrangian Particle Tracking as a Unifying Framework to Study Variability of Acidification in Coastal Waters	NASA Headquarters - Washington	6/28/2014	6/27/2017	\$490,292
Onstott,Tullis C	AWD1004100	Grant	Dimensions: Collaborative Research: Genetic, Phylogenetic, and Functional Microbial Diversity in Permanently Frozen Aquatic Sediments Over Geological Time	National Science Foundation	8/15/2014	7/31/2019	\$450,694
Duffy,Thomas S	AWD1004109	Grant	Perovskite and post-perovskite in the (Mg,Fe) GeO ₃ System	National Science Foundation	8/1/2014	7/31/2017	\$360,000
Maloof,Adam C	AWD1004126	Grant	Collaborative Research: Toward a Global Timeline of Biological and Ocean Geochemical Change During the Early Cambrian	National Science Foundation	9/1/2014	8/31/2017	\$1,054,947
Onstott,Tullis C	AWD1004149	Grant	Collaborative Research: Untangling the Deep Genealogy of Microbial Dark Matter	National Science Foundation	10/1/2014	9/30/2018	\$398,307
Onstott,Tullis C	AWD1004166	Grant	Analytical Tools for Cross Metagenome Comparisons	University of Southern California	9/1/2014	8/31/2016	\$64,000
Tromp,Jeroen	AWD1004172	Grant	Community Computational Platforms for Developing Three-Dimensional Models of Earth Structure, Phase II	University of Southern California	8/15/2014	7/31/2016	\$67,534
Sigman,Daniel M	AWD1004254	Grant	Life on the Slow Track - Studying the Geochemical Impact of Denitrification at its Natural Pace	Agouron Institute	1/1/2015	7/31/2016	\$106,167
Rubin,Allan M	AWD1004278	Grant	Ultrasonic Investigations of the Micro Mechanical Origin of Rate and State Friction	U.S. Geological Survey	2/1/2015	1/31/2016	\$93,157
Myneni,Satish C B	AWD1004281	Grant	Collaborative Research: Highly Reactive Thiol Binding Sites on Bacterial Cell Envelopes and their Influence on Metal Speciation in Aquatic Systems	National Science Foundation	3/1/2015	2/28/2017	\$120,000
Simons,Frederik J	AWD1004291	Grant	Structure and Evolution of the Martian Crustal Magnetic Field	NASA Headquarters - Washington	7/2/2014	7/1/2017	\$347,811
Higgins,John A	AWD1004318	Grant	Ca and Mg Isotopic Indicators in Ancient Carbonates	The Simons Foundation	4/1/2015	3/31/2016	\$65,000
Schoene,Robert B	AWD1004341	Grant	A High-precision U-Pb Age Model for the Deccan Traps	National Science Foundation	4/1/2015	3/31/2017	\$89,136
Myneni,Satish C B	AWD1004348	Grant	The Biogeochemical Cycling and Human Health Implications of Elements Critical to Emerging Energy Technologies	Harvard University	1/1/2015	8/31/2016	\$7,698
Tromp,Jeroen	AWD1004366	Contract	Full Waveform Inversion with Real Surface-and Body-Wave Data	TOTAL E&P Research & Technology USA, LLC	1/1/2015	12/31/2016	\$261,107
Duffy,Thomas S	AWD1004406	Grant	Real Time X-ray Diffraction and Imaging of Shock-Compressed Geological Materials	Defense Threat Reduction Agency	5/10/2015	5/9/2018	\$744,404

Geosciences (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Duffy,Thomas S	AWD1004491	Contract	High Pressure Polymorphism of Diamond and the Implications for Meteorite Impact Events and Material Science	Lawrence Livermore National Laboratory	4/1/2015	3/31/2016	\$56,000
Jonsson,Bror F	AWD1004571	Grant	ECO-A-1: East Coast Ocean Acidification Cruise	University of New Hampshire	6/1/2015	5/31/2016	\$25,500
Onstott,Tullis C	CNV1001116	Grant	The Impact of Global Warming on the Carbon Cycle of Arctic Permafrost: An Experimental and Field Based Study	DOE - Germantown	7/15/2010	7/14/2014	\$1,934,098
Morel,Francois M M	CNV1001177	Grant	Collaborative Research: Ocean Acidification - Category 1: Effects of pCO ₂ and pH on Photosynthesis, respiration,and growth in marine phytoplankton	National Science Foundation	9/1/2010	8/31/2016	\$1,390,493
Ward,Bess B	CNV1001220	Grant	Collaborative Research: Control of Denitrification and Anammox in the Oxygen Deficient Waters of the Eastern Tropical North and South Pacific	National Science Foundation	9/15/2010	8/31/2014	\$682,478
Onstott,Tullis C	CNV1001221	Grant	Collaborative Research: ETBC: The Deep Crustal Biosphere: Microbial Cycling of Carbon	National Science Foundation	10/1/2010	9/30/2015	\$466,484
Ward,Bess B	CNV1001223	Grant	Environmental Control of Microbial N ₂ O Fluxes and DIN Loss in Salt Marsh Sediments	National Science Foundation	9/15/2010	8/31/2014	\$599,082
Myneni,Satish C B	CNV1001228	Grant	Role of Sulfhydryl Sites on Bacterial Cell Walls in the Biosorption, Mobility and Bioavailability of Mercury	DOE - Washington	9/10/2010	11/30/2015	\$772,955
Tromp,Jeroen	CNV1001289	Grant	Iterative Inversions of Sunspot and Supergranular Subsurface Structure	NASA Headquarters - Washington	12/1/2010	11/30/2014	\$583,276
Sigman,Daniel M	CNV1001299	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	11/30/2014	\$389,830
Sigman,Daniel M	CNV1001349	Grant	Understanding the Nitrogen Isotopes of Planktonic Foraminifera: A Modern Sargasso Sea Study	National Science Foundation	4/1/2011	3/31/2016	\$619,900
Tromp,Jeroen	CNV1001414	Grant	ABR-Toward Seismic Tomography Based Upon Adjoint Methods	National Science Foundation	7/1/2011	6/30/2016	\$709,986
Morel,Francois M M	CNV1001418	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	7/1/2011	6/30/2015	\$434,769
Ward,Bess B	CNV1001469	Grant	Effects of Climate Change on Phytoplankton Community Composition and Carbon Cycling	U.S. DOC - Natl Oceanic & Atmos Admin	9/1/2011	8/31/2016	\$499,473
Bender,Michael L	CNV1001488	Grant	Collaborative Research: Ice Core Studies Reconstructing Greenland Climate During the Eemian and Beyond	National Science Foundation	1/1/2012	12/31/2015	\$295,616

Geosciences (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Simons,Frederik J	CNV1001549	Grant	Structure and Evolution of the Venusian lithosphere: Statistically robust, localized analysis of Magellan gravity and topography	NASA Headquarters - Washington	10/1/2011	9/30/2015	\$224,897
Maloof,Adam C	CNV1001559	Grant	Testing Models for the Origin of the Deepest Carbon-Isotope Anomaly in Earth History? The Wonoka Formation of South Australia	National Science Foundation	10/1/2011	9/30/2014	\$179,256
Onstott,Tullis C	CNV1001570	Grant	Shallow-Borehole Array for Measuring Greenland Emission of Trace Gases as an Analogue for Methane on Mars (GETGAMM)	Indiana University	5/18/2011	5/17/2015	\$461,297
Morel,Francois M M	CNV1001577	Grant	Mechanisms of Hg(II) Uptake and Methylation in Methylating Bacteria	DOE - Washington	9/15/2011	11/30/2015	\$782,476
Ward,Bess B	CNV1001582	Grant	Dimensions: Collaborative Research: Functional Diversity of Marine Eukaryotic Phytoplankton and Their Contributions to C and N Cycling	National Science Foundation	1/1/2012	6/30/2016	\$1,399,879
Maloof,Adam C	CNV1001605	Grant	Development of an Integrated Serial Grinder and Photo-Imager for 3D Fossil Reconstruction	National Science Foundation	12/1/2011	11/30/2015	\$449,113
Duffy,Thomas S	CNV1001644	Grant	Elasticity of Mantle Minerals at High Pressures and Temperatures	National Science Foundation	1/1/2012	12/31/2015	\$388,182
Lewis,Kevin W	CNV1001681	Contract	Unlocking the Geologic Record: Quantitative Stratigraphy with Mars Science Laboratory	Cal Tech - Jet Propulsion Lab (JPL)	1/19/2012	12/24/2014	\$309,308
Medvigy,David M	CNV1001697	Grant	CAREER: Impacts of Amazon Deforestation on Earth's Climate, Water, and Ecosystems: The Ebb of the Green Ocean?	National Science Foundation	2/15/2012	1/31/2017	\$555,824
Tromp,Jeroen	CNV1001699	Cooperative Agreement	Forward and Adjoint Simulations of Seismic Wave Propagation	University of California at Davis	12/21/2011	6/30/2016	\$506,726
Medvigy,David M	CNV1001753	Grant	Multi Model Regional Simulation of Climate Change Impacts on Agriculture and Ecosystems in the Southwestern United States	Chapman University	2/16/2012	3/31/2015	\$90,993
Schoene,Robert B	CNV1001851	Grant	Testing Models for Magma Transfer and Emplacement in 4-Dimensions:The Bergell Intrusion, N. Italy	National Science Foundation	7/15/2012	6/30/2016	\$297,287
Tromp,Jeroen	CNV1001855	Grant	Collaborative Research: Immersive Audio-Visualization of Seismic Wave Fields in the Earth (Earthscope Education and Outreach)	National Science Foundation	7/1/2012	6/30/2015	\$39,676
Duffy,Thomas S	CNV1001861	Grant	Single-Crystal X- Ray Diffraction of Minerals to Mbar Pressures	National Science Foundation	7/1/2012	6/30/2016	\$396,938
Rubin,Allan M	CNV1001886	Grant	Mechanical Erosion of Frictionally Locked Fault Patches Due to Creep: Observational Evidence and Modeling	National Science Foundation	10/1/2012	9/30/2014	\$200,593

Geosciences (4)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Tromp,Jeroen	CNV1001979	Grant	Short-period, Anelastic and Anisotropic, Waveform-Based Three-Dimensional Model to Improve Nuclear Explosion Monitoring in the Middle East	University of Rhode Island	6/20/2012	6/19/2015	\$458,399
Higgins,John A	CNV1001982	Grant	Fellowship Proposal (Clara Blattler): Interpreting Ancient Environments Through Major Cation-isotopes Signals	Agouron Institute	9/1/2012	8/31/2014	\$112,000
Simons,Frederik J	CNV1002046	Grant	CAREER: From Robust, Reproducible Geophysical Inference to Geological Interpretation: New Perspectives on the Continental Lithosphere	National Science Foundation	9/15/2012	8/31/2017	\$499,969
Tromp,Jeroen	CNV1002096	Grant	Community Computational Platforms for Developing Three-Dimensional Models of Earth Structure	University of Southern California	9/1/2012	6/30/2015	\$85,000
Sigman,Daniel M	CNV1002151	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	9/1/2012	8/31/2015	\$107,206
Jonsson,Bror F	CNV1002164	Grant	Net Community Production and Carbon Export in the Southern Ocean: Measurements and Scaling	NASA Headquarters - Washington	11/16/2012	11/15/2016	\$534,113
Simons,Frederik J	CNV1002180	Grant	Mapping the Evolution of Antarctica's Mass Balance in Space and Time	National Science Foundation	2/1/2013	1/31/2016	\$284,392
Simons,Frederik J	CNV1002194	Grant	Phased Testing at Sea of the Son-O-Mermaid Prototype	National Science Foundation	2/1/2013	1/31/2016	\$45,001
Maloof,Adam C	CNV1002571	Grant	Collaborative Research: Estimating the Tempo of the Cambrian Explosion	National Science Foundation	5/1/2013	4/30/2015	\$30,000
Tromp,Jeroen	CNV1002572	Grant	Simulations of Seismic Wave Propagation on Mars	Cal Tech - Jet Propulsion Lab (JPL)	5/9/2013	4/8/2016	\$110,475
Tromp,Jeroen	CNV1002853	Grant	Elastic and Coupled Acoustic-Elastic Imaging and Inversion based on Spectral-Element and Adjoint Methods	Total E&P Recherche Developpement	1/28/2013	1/27/2015	\$245,126
Werner,Maximilian J	CNV1002856	Grant	Short Term Earthquake Predictability: Improving Stochastic Models and CSEP Experiments	Southern California Earthquake Center	2/1/2013	1/31/2015	\$30,000
Duffy,Thomas S	CNV1002870	Grant	Dynamic Compression of Earth and Planetary Materials Using Omega	DOE - National Nuclear Security Admin	3/1/2013	2/28/2015	\$168,486
Maloof,Adam C	CNV1002919	Grant	Collaborative Research: Quantifying Rate of Neoproterozoic Global Change, Ethiopia	National Science Foundation	1/1/2014	12/31/2016	\$150,000
Higgins,John A	CNV1002978	Grant	Magnesium Isotopes in Marine Dolomite - New Insights into an Old Problem	American Chemical Society	3/1/2014	8/31/2016	\$100,000
Rubin,Allan M	CNV1002979	Grant	Developing High-resolution Tremor Catalogs to Constrain Numerical Models of Slow Slip	National Science Foundation	2/15/2014	1/31/2017	\$299,961
Rubin,Allan M	CNV1002980	Grant	Ultrasonic Investigations of the Micro Mechanical Origin of Rate and State Friction	U.S. Geological Survey	2/1/2014	1/31/2015	\$85,325

Geosciences (5)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Jayakumar,Amal	CNV1003041	Grant	Collaborative Research: Dinitrogen Fixation Rates and Diazotrophic Communities in Contrasting Oxygen Regimes of the Eastern Pacific Ocean	National Science Foundation	9/1/2014	8/31/2017	\$342,062
Lau,Chui Y M	CNV1003056	Grant	Proteome Profiling to Delineate Subsurface Microbial CH4-cycling Pathways	Marine Biological Laboratory	4/1/2014	9/30/2014	\$24,640
Bender,Michael L	CNV1003058	Grant	Global Climate Change - Comer Science Foundation	Comer Science and Education Foundation	11/12/2002	3/31/2016	\$540,000
Sigman,Daniel M	CNV1003111	Grant	High-Resolution Assemblage-Specific Records of Diatom-Bound N Isotopes from the Indian Sector of the Antarctic Ocean	National Science Foundation	5/1/2014	4/30/2017	\$491,850
Sigman,Daniel M	CNV1003226	Grant	Exploring the Late Pleistocene Marine Nitrogen Cycle in the South Pacific Using the Nitrogen Isotopes of Fossil Corals from Tahiti	Consortium for Ocean Leadership	7/1/2014	1/31/2016	\$30,000
Ward,Bess B	CNV1003237	Contract	Plymouth Marine Lab - Summer 2014	Plymouth Marine Laboratory	7/7/2014	8/31/2014	\$19,183

Graduate School

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kulkarni, Sanjeev R	AWD1004296	Grant	Fullbright-Hays Doctroal Dissertation Research Abroad - Megan Steffen	U.S. Department of Education	10/1/2014	3/31/2016	\$28,030
Kulkarni, Sanjeev R	CNV1001225	Grant	DOE Graduate Fellowship Program for 2010-2011 Academic Year	DOE - Oak Ridge	9/1/2010	6/30/2015	\$189,000
Kulkarni, Sanjeev R	CNV1001226	Grant	Foreign Language and Area Studies Fellowships	U.S. Department of Education	8/15/2010	6/30/2015	\$1,243,500
Kulkarni, Sanjeev R	CNV1001514	Grant	Graduate Research Fellowship Program (GRFP)	National Science Foundation	8/1/2011	7/31/2016	\$16,716,236
Kulkarni, Sanjeev R	CNV1001533	Grant	Jacob Javits Fellowship - Patricia Kim and Emily Wang	U.S. Department of Education	8/15/2011	8/14/2015	\$322,318
Kulkarni, Sanjeev R	CNV1001823	Grant	Expanding The Mission	The Teagle Foundation	6/15/2012	12/31/2015	\$125,000
Kulkarni, Sanjeev R	CNV1002367	Grant	Graduate School Fellowships	Howard Hughes Medical Institute	9/1/2013	8/31/2018	\$1,616,487
Kulkarni, Sanjeev R	CNV1002373	Grant	Graduate School Fellowships	Department of the Army	9/1/2013	6/30/2015	\$2,555,758
Kulkarni, Sanjeev R	CNV1002376	Grant	Graduate School Fellowships	Krell Institute	9/1/2010	8/31/2037	\$2,165,066
Kulkarni, Sanjeev R	CNV1002379	Grant	Graduate School Fellowships	U.S. Coast Guard	9/1/2009	6/30/2015	\$116,297
Kulkarni, Sanjeev R	CNV1002380	Grant	Graduate School Fellowships	AmeriCorps	9/1/2013	6/30/2015	\$144,569
Kulkarni, Sanjeev R	CNV1002383	Grant	Graduate School Fellowships	Krell Institute	9/1/2010	8/31/2020	\$437,872
Kulkarni, Sanjeev R	CNV1002386	Grant	Graduate School Fellowships	American Society for Engineering Educ	9/1/2009	6/30/2015	\$3,523,728
Kulkarni, Sanjeev R	CNV1002744	Grant	Educational Service Agreement with Air Force Research Institute for Air Force Fellows	Air Force Research Institute	1/23/2013	6/30/2019	\$242,885

HistoryACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
James,Harold	AWD1004344	Grant	From Relief to Reconstruction: Aid to Italy and the Rise of Economic Development	Smith Richardson Foundation, Inc.	3/15/2015	3/14/2016	\$7,500
Darnton,Robert C	CNV1000222	Grant	Book Country: Publishing and the Book Trade in Francophone Europe, 1769-1789	The Florence Gould Foundation	1/1/2006	6/30/2016	\$25,000
Brown,Peter R	CNV1001638	Grant	Figures in a Landscape: Topography and Hagiography in the World of Syriac Christianity	International Balzan Foundation	1/1/2012	12/31/2016	\$391,809
Shawcross,Clare T	CNV1001875	Grant	New Directions Fellowship Program	The Andrew W. Mellon Foundation	7/1/2012	8/31/2017	\$203,402

History of Science

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Burnett,David G	CNV1003207	Grant	Doctoral Dissertation Research: Science and Engineering for Nation Building and Economic Intergration	National Science Foundation	5/1/2014	4/30/2015	\$18,000

Industrial Relations SectionACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Dobbie,Will S	AWD1004202	Grant	Measuring the Effects of Debt Forgiveness	Washington Center for Equitable Growth	7/1/2014	1/15/2016	\$79,000

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wolf, Stacy E	CNV1002048	Grant	Mellon Grant for the Establishment of Fellowships in the Society of Fellows in the Arts	The Andrew W. Mellon Foundation	6/1/2012	5/31/2017	\$300,280

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Leifer,Andrew M	AWD1004003	Grant	Whole Brain Calcium Imaging in Freely Behaving Nematodes	The Simons Foundation	7/1/2014	6/30/2017	\$240,000
Rabinowitz,Joshua D	AWD1004013	Grant	Intact Protien as a Cancer Fuel Source	NIH NCI	9/1/2014	8/31/2017	\$128,472
Bialek,William	AWD1004017	Grant	Searching for Universality in the State Space of Neural Networks	The Simons Foundation	7/1/2014	6/30/2017	\$300,000
Shaevitz,Joshua William	AWD1004117	Grant	Multiscale Studies of Collective Behavior in a Model Social Bacterium	National Science Foundation	9/1/2014	8/31/2018	\$720,000
Rabinowitz,Joshua D	AWD1004121	Grant	Quantitative Analysis of Metabolic Regulation by Integration of Metabolomics, Proteomics, and Fluxomics	DOE - Chicago	9/1/2014	8/31/2017	\$1,149,739
Bialek,William	AWD1004154	Grant	BRAIN EAGER: Toward a Theory of Real Neural Networks	National Science Foundation	9/1/2014	8/31/2016	\$300,000
Murphy,Coleen T	AWD1004161	Grant	Identifying Postsynaptic Regulators of Long-term Memory in Caenorhabditis Elegans	NIH NIA	3/15/2015	3/14/2018	\$159,906
Dolinski,Kara J	AWD1004193	Grant	Personalization of Therapeutic Efficacy and Risk	University of Pennsylvania	6/1/2014	5/31/2016	\$381,090
Troyanskaya,Olga G	AWD1004194	Grant	Personalization of Therapeutic Efficacy and Risk - Core B	University of Pennsylvania	6/1/2014	5/31/2016	\$312,764
Troyanskaya,Olga G	AWD1004195	Grant	Personalization of Therapeutic Efficacy and Risk - Core	University of Pennsylvania	6/1/2014	5/31/2016	\$258,026
Tank,David W	AWD1004233	Grant	Sequence Generation and Timing Signals in the Brain	Brain and Behavior Research Foundation	1/15/2015	1/14/2017	\$65,000
Rabinowitz,Joshua D	AWD1004304	Grant	The Regulation of Cell Metabolism and Proliferation by mTOR Complex 2	Rutgers University - New Brunswick	7/1/2014	6/30/2016	\$57,976
Singh,Mona	AWD1004365	Grant	ABI: Innovation: Computationally Uncovering Dynamic Transcription Factor Interactions within and Across Organisms	National Science Foundation	4/15/2015	3/31/2018	\$707,468
Andolfatto,Peter	AWD1004374	Grant	Dissecting the Molecular Basis and Assembly of a Complex Morphological Trait	NIH NIGMS	5/1/2015	1/31/2019	\$1,752,683
Troyanskaya,Olga G	AWD1004455	Grant	Integration and Visualization of Diverse Biological Data	NIH NIGMS	5/1/2015	1/31/2019	\$1,927,712
Storey,John D	AWD1004542	Grant	Quantitative and Computational Biology Graduate Program	NIH NHGRI	5/1/2015	4/30/2020	\$463,696
Rabinowitz,Joshua D	AWD1004555	Grant	Mitochondrial Folate Metabolism in Cancer Cell Growth and Proliferation	NJ Commission on Cancer Research	1/1/2015	12/31/2016	\$100,000
Shaevitz,Joshua W	CNV1000665	Grant	CAREER: Organization and Force Production in Bacteria	National Science Foundation	3/1/2009	2/28/2015	\$943,275
Botstein,David	CNV1000747	Grant	Center for Quantitative Biology	NIH NIGMS	9/1/2009	8/31/2015	\$14,967,521
Storey,John D	CNV1000759	Grant	Quantitative and Computational Biology Graduate Program	NIH NHGRI	8/1/2009	4/30/2015	\$2,948,628
Murphy,Coleen T	CNV1000830	Grant	Molecular Mechanisms Regulating Age-Related Cognitive Decline in C. elegans	NIH NIA	8/15/2009	7/31/2015	\$1,449,765

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Andolfatto, Peter	CNV1000842	Grant	Adaptive Evolution of Non Coding DNA and Gene Expression Divergence in Drosophila	NIH NIGMS	9/1/2009	7/31/2015	\$1,469,451
Bialek, William	CNV1001247	Grant	Central Auditory Processing: From Single Cells to Perception and Learning of Complex Natural Sounds	Int Human Frontier Sci Prog Org (IHFSPO)	9/1/2010	8/31/2014	\$300,000
Troyanskaya, Olga G	CNV1001305	Grant	Integration and Visualization of Diverse Biological Data	NIH NIGMS	1/1/2011	4/30/2015	\$1,478,062
Dolinski, Kara J	CNV1001369	Grant	BioGRID: An Open Integrated Resource for Biological Interaction Data	Samuel Lunenfeld Research Institute	2/10/2011	1/31/2017	\$2,238,271
Singh, Mona	CNV1001372	Grant	Collaborative Research: ABI Development: Algorithms and Software for Discovery of Non-sequential Protein Structure Similarities	National Science Foundation	5/1/2011	12/31/2015	\$200,001
Troyanskaya, Olga G	CNV1001397	Contract	Modeling Immunity for Biodefense	Mt. Sinai School of Medicine	9/30/2010	9/29/2015	\$687,829
Troyanskaya, Olga G	CNV1001428	Grant	Context-Sensitive Search of Human Expression Compendia	NIH NHGRI	6/28/2011	4/30/2015	\$1,139,816
Gregor, Thomas	CNV1001436	Grant	The Biophysical and Molecular Mechanisms of Reliability in Development	NIH NIGMS	7/21/2011	5/31/2016	\$1,374,912
Shaevitz, Joshua W	CNV1001486	Grant	A New Paradigm for Quantifying Animal Behavior in a Model Genetic System	NIH NIGMS	8/1/2011	5/31/2016	\$1,581,724
Shvartsman, Stanislav Y	CNV1001530	Grant	EFRI-MIKS: Multiscale Analysis of Morphogen Gradients	National Science Foundation	9/1/2011	8/31/2016	\$2,000,000
Dolinski, Kara J	CNV1001542	Grant	Systematic Data Curation and Integration to Link Models of Human Disease	NIH Office of the Director	9/14/2011	7/31/2016	\$2,552,678
Shvartsman, Stanislav Y	CNV1001546	Grant	Systems Biology of MAPK Signaling in Early Drosophila Embryo	NIH NIGMS	9/15/2011	8/31/2015	\$1,406,887
Rabinowitz, Joshua D	CNV1001563	Grant	Metabolomics of Clostridial Biofuel Production	DOE - Chicago	9/1/2011	11/30/2014	\$1,198,782
Shvartsman, Stanislav Y	CNV1001566	Grant	Collaborative Research: Dynamics of Morphogen Gradients	National Science Foundation	10/1/2011	9/30/2014	\$249,860
Gregor, Thomas	CNV1001668	Grant	Controlling Collective Behavior in Eukaryotic Cell Populations	NIH NIGMS	2/1/2012	1/31/2017	\$1,061,636
Storey, John D	CNV1001720	Grant	Methods for Gene-Environment Interactions Involving Gene Expression	NIH NHGRI	3/13/2012	2/28/2015	\$477,360
Botstein, David	CNV1001790	Grant	Biochronicity: Time, Network, Evolution and Function	Duke University	3/30/2012	6/29/2015	\$1,250,002
Shaevitz, Joshua W	CNV1001812	Grant	Predator-prey Interactions and Structure Formation in Myxobacterial Social Behavior	Human Frontier Science Prog Org (HFSP)	5/1/2012	10/31/2015	\$164,917
Storey, John D	CNV1001850	Grant	Large-Scale Inference of High-Dimensional Data: Dependence and Latent Structure	Office of Naval Research	6/15/2012	3/31/2016	\$1,036,481
Murphy, Coleen T	CNV1001899	Grant	Glenn Center For Quantitative Aging Research at Princeton University	Glenn Foundation for Medical Research	8/1/2012	7/31/2017	\$3,000,000

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Bialek,William	CNV1001937	Grant	Postdoctoral Fellowship Awards in Studying Complex Systems	James S. McDonnell Foundation	9/1/2012	1/31/2015	\$200,000
Singh,Mona	CNV1001944	Grant	Predicting and Analyzing Protein Interaction Networks	NIH NIGMS	8/10/2012	3/31/2016	\$1,220,035
Rabinowitz,Joshua D	CNV1001958	Grant	University of Pennsylvania Diabetes Research Center	University of Pennsylvania	5/15/2012	3/31/2016	\$1,348,349
Rabinowitz,Joshua D	CNV1001966	Grant	Mechanisms and Consequences of Metabolic Manipulation by Human Cytomegalovirus	NIH NIAID	8/17/2012	7/31/2016	\$2,183,966
Schwab,David J	CNV1001985	Grant	Excitability in Dictyostelium Development	NIH NIGMS	9/1/2012	8/31/2014	\$278,192
Storey,John D	CNV1002022	Grant	Models and Methods for Population Genomics	NIH NHGRI	8/25/2012	6/30/2016	\$880,511
Tank,David W	CNV1002058	Grant	Grid Cell Dynamics During Navigation In Virtual Reality	NIH NINDS	9/26/2012	7/31/2016	\$1,563,857
Rabinowitz,Joshua D	CNV1002060	Grant	Identification of Metabolic Vulnerabilities of Ras-Driven Cancer Cells	Rutgers University - New Brunswick	7/1/2012	6/30/2017	\$1,145,098
Bialek,William	CNV1002113	Grant	The Swartz Initiative for Theoretical Neurobiology at Princeton University	The Swartz Foundation	10/1/2012	11/30/2014	\$55,000
Bialek,William	CNV1002114	Grant	The Swartz Initiative for Theoretical Neurobiology at Princeton University	The Swartz Foundation	10/1/2012	11/30/2014	\$55,000
Bialek,William	CNV1002115	Grant	The Swartz Initiative for Theoretical Neurobiology at Princeton University	The Swartz Foundation	10/1/2012	11/30/2014	\$15,000
Shvartsman,Stanislav Y	CNV1002161	Grant	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular Systems (EBICS)	Massachusetts Institute of Technology	9/1/2012	8/31/2016	\$432,000
Tank,David W	CNV1002179	Grant	Cellular Resolution Imaging Of Cortical Dynamics During Executive Function	NIH NINDS	2/1/2013	1/31/2016	\$423,769
Rabinowitz,Joshua D	CNV1002200	Grant	Radiation Response within the Tumor Microenvironment	University of Chicago	8/1/2012	7/31/2014	\$80,500
Rabinowitz,Joshua D	CNV1002692	Contract	Identifying and Treating Glutamine-dependent Pancreatic Cancer	University of Pennsylvania	12/1/2009	5/31/2015	\$972,642
Rabinowitz,Joshua	CNV1002694	Grant	Optogenetic and Microfluidic Tools for Generating Dynamic inputs to Interrogate and Control Biological Networks	The Burroughs Wellcome Fund	7/1/2013	6/30/2015	\$140,000
Bialek,William	CNV1002695	Grant	Statistical Mechanics of Self-Assembly	Human Frontier Science Prog Org (HFSPO)	9/1/2013	8/31/2016	\$161,280
Gregor,Thomas	CNV1002698	Grant	Characterization of Single-cell Dynamics that Lead to Collective Behaviors	NIH NIGMS	6/1/2013	5/31/2015	\$102,496
Botstein,David	CNV1002700	Grant	Genetics of Functional Interactions in Yeast	NIH NIGMS	9/1/2013	8/31/2017	\$2,180,851
Storey,John D	CNV1002701	Grant	Statistical Methods for High-Throughput Gene Expression Profiling	NIH NHGRI	8/22/2013	6/30/2016	\$1,121,151

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Lieb,Jason D	CNV1002703	Grant	Uniting Disparate Fields to Explore Transcription Factor Binding Dynamics	NIH NIGMS	8/1/2013	7/31/2014	\$236,487
Lieb,Jason D	CNV1002906	Grant	Genes, Genomes, and Genotoxicity: in Vivo Epigenetic Toxicology of 1,3-Butadiene	Univ of No Carolina at Chapel Hill	8/26/2013	5/31/2017	\$324,641
Shvartsman,Stanislav Y	CNV1003091	Grant	Dynamics of Epithelial Morphogenesis	NIH NIGMS	5/1/2014	1/31/2018	\$1,222,902
Murphy,Coleen T	CNV1003160	Grant	Identification of Genes and Small Molecules to Prevent Maternal Age-Dependent Oocyte Decline and Aneuploidy	March of Dimes- Birth Defects Foundation	6/1/2014	5/31/2017	\$275,000
Murphy,Coleen T	CNV1003233	Grant	Identifying Genes that Confer Injury-induced Regenerative Ability to Aging Neuronal Axon	NJ Commission on Brain Injury Research	5/30/2014	5/29/2017	\$142,560

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wulfman,Clifford E	CNV1001780	Grant	The Blue Mountain Project: Digitizing Periodicals of the Avant-Garde	National Endowment for the Humanities	9/1/2012	8/31/2014	\$227,054
Linke,Daniel J	CNV1002824	Grant	Digitizing the Origins of the Cold War: Developing a Sustainable Digitization Model at the Seeley G. Mudd Manuscript Library	Ntl Archives & Records Administration	1/1/2013	12/31/2015	\$109,570
Magier,David S	CNV1002986	Grant	Princeton University Library's Latin American Ephemera Project	Council on Library & Info. Resources	3/1/2014	2/28/2017	\$199,868

Mathematics

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Dafermos,Mihalis C	AWD1004006	Grant	The Mathematical Analysis of Black Holes and Spacetime Singularities in General Relativity	National Science Foundation	7/1/2014	6/30/2017	\$189,351
Klainerman,Sergiu	AWD1004007	Grant	Problems in Nonlinear Hyperbolic Equations	National Science Foundation	7/15/2014	6/30/2017	\$360,000
Pausader,Benoit	AWD1004035	Grant	Asymptotic Dynamics for Nonlinear Dispersive Systems	National Science Foundation	8/1/2014	6/30/2015	\$44,350
Levine,Adam S	AWD1004037	Grant	Floer Homology and Surfaces in 3- and 4-Manifolds	National Science Foundation	8/1/2014	7/31/2017	\$168,803
Zhang,Shou-Wu	AWD1004098	Grant	Topics in Arithmetic Geometry	National Science Foundation	8/15/2014	7/31/2017	\$227,999
Zhang,Shou-Wu	AWD1004200	Grant	Analysis, Spectra, and Number Theory	National Science Foundation	11/1/2014	10/31/2015	\$50,000
Naor,Assaf	AWD1004225	Grant	Simons Collaboration on Algorithms and Geometry - Director	The Simons Foundation	7/1/2014	6/30/2018	\$1,241,109
Naor,Assaf	AWD1004263	Grant	Packard Foundation Fellowship Grant	The David and Lucile Packard Foundation	12/10/2014	12/10/2016	\$440,291
Skinner,Christopher M	AWD1004475	Grant	Galois Representations and Modular Forms	Institute for Advanced Study	9/1/2014	6/30/2016	\$123,600
Skinner,Christopher M	CNV1000364	Grant	L-values, Selmer groups, and automorphic forms	National Science Foundation	7/1/2007	6/30/2015	\$471,997
Kollar,Janos	CNV1000421	Grant	Higher dimensional varieties and their applications	National Science Foundation	7/1/2008	6/30/2015	\$675,002
Skinner,Christopher M	CNV1000422	Grant	Equations and Automorphic Forms	National Science Foundation	5/1/2008	9/30/2014	\$431,188
Klainerman,Sergiu	CNV1000692	Grant	Mathematical Problems in General Relativity	National Science Foundation	7/1/2009	6/30/2015	\$540,229
Sinai,Yakov G	CNV1000693	Grant	Ergodic and Statistical Phenomena in Dynamics	National Science Foundation	6/1/2009	5/31/2015	\$622,898
Wienhard,Anna K	CNV1000828	Grant	CAREER: Higher Teichmuller Theory	National Science Foundation	8/15/2009	9/1/2014	\$234,715
Rodnianski,Igor Y	CNV1001081	Grant	General Relativity and Geometric Hyperbolic PDEs	National Science Foundation	7/1/2010	6/30/2015	\$499,266
Kollar,Janos	CNV1001089	Grant	FRG:Collaborative Research: Arithmetic and Geometry of Rational Curves on K3 Surfaces	National Science Foundation	7/1/2010	6/30/2015	\$250,000
Singer,Amit	CNV1001100	Grant	Alfred P Sloan Research Fellowship	Alfred P. Sloan Foundation	9/15/2010	9/15/2014	\$50,000
Kollar,Janos	CNV1001102	Grant	Algebraic Geometry of Moduli Spaces	National Science Foundation	7/1/2010	12/31/2015	\$304,963
Szabo,Zoltan	CNV1001119	Grant	Low Dimensional Topology and Heegaard Floer	National Science Foundation	7/1/2010	6/30/2015	\$486,956
Gabai,David	CNV1001124	Grant	Problems in Low Dimensional Geometry and Topology	National Science Foundation	7/1/2010	6/30/2016	\$790,971
Gabai,David	CNV1001148	Grant	Simons Postdoctoral Fellowship Program	The Simons Foundation	7/1/2010	6/30/2015	\$574,742
Wienhard,Anna K	CNV1001348	Grant	FRG: Deformation of spaces of Geometric Structures	National Science Foundation	7/1/2011	8/31/2014	\$92,843
Chang,Sun-Yung A	CNV1001363	Grant	Non-linear Partial Differential Equations in Geometry	National Science Foundation	7/1/2011	6/30/2016	\$790,000
Katz,Nicholas M	CNV1001364	Grant	Studies in Arithmetic Algebraic Geometry	National Science Foundation	7/1/2011	6/30/2016	\$180,000
Klainerman,Sergiu	CNV1001376	Grant	FRG:Mathematical Theory of Gravitational Collapse in General Relativity	National Science Foundation	7/1/2011	6/30/2016	\$1,470,506
Coda Santos Cavalcanti Marques,Fernando	CNV1001389	Grant	Partial Regularity and Rigidity Problems Associated to Geometric Elliptic Systems	National Science Foundation	6/1/2011	5/31/2016	\$161,912

Mathematics (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Ionescu,Alexandru D	CNV1001633	Grant	Packard Foundation Fellowship Grant	The David and Lucile Packard Foundation	6/1/2011	10/31/2015	\$145,220
Kaletha,Tasho S	CNV1001747	Grant	The Local Langlands Correspondence via Endoscopy, Geometry, Type Theory, and their Interplay	National Science Foundation	7/1/2012	6/30/2015	\$134,821
van Zwam,Stefan H M	CNV1001794	Grant	Can we Compare Sets of Points Efficiently?	National Science Foundation	7/1/2012	8/17/2014	\$135,496
Fefferman,Charles L	CNV1001913	Grant	Interpolation by Smooth Functions and Smooth Manifolds	Air Force Office of Scientific Research	8/15/2012	8/14/2017	\$817,881
Klainerman,Sergiu	CNV1001934	Grant	Analysis of Black Hole Spacetimes	National Science Foundation	8/1/2012	7/31/2016	\$161,071
Bhargava,Manjul	CNV1001957	Grant	Simons Investigator Award	The Simons Foundation	8/1/2012	7/31/2017	\$660,000
Singer,Amit	CNV1001959	Grant	Simons Investigator Award	The Simons Foundation	8/1/2012	7/31/2017	\$660,000
Ozsvath,Peter S	CNV1002015	Grant	Heegaard Diagrams and Holomorphic Disks	National Science Foundation	7/1/2012	5/31/2016	\$422,037
Patakfalvi,Zsolt	CNV1002079	Grant	AMS-Simons Travel Grant Program	American Mathematical Society	9/1/2012	8/31/2014	\$800
Katz,Nicholas M	CNV1002576	Grant	Research Leave of Nicholas M. Katz	The Simons Foundation	9/1/2013	8/31/2014	\$132,000
Dvir,Zeev	CNV1002577	Grant	Alfred P. Sloan Research Fellowship for Dr. Zeev Dvir in Mathematics	Alfred P. Sloan Foundation	9/15/2013	9/14/2017	\$50,000
Wienhard,Anna K	CNV1002578	Grant	Alfred P. Sloan Research Fellowship for Dr. Anna K. Wienhard in Mathematics	Alfred P. Sloan Foundation	9/15/2013	8/31/2014	\$2,193
Ionescu,Alexandru D	CNV1002584	Grant	Global Solutions of Semilinear and Quasilinear Dispersive Equations	National Science Foundation	7/1/2013	6/30/2016	\$397,000
Sarnak,Peter C	CNV1002585	Grant	Randomness in Number Theory and Automorphic Forms	National Science Foundation	7/1/2013	6/30/2018	\$608,000
Bhargava,Manjul	CNV1002586	Grant	Number Theory, Representation Theory, and Arithmetic Geometry	National Science Foundation	7/1/2013	6/30/2018	\$690,000
Szabo,Zoltan	CNV1002587	Grant	Heegaard Floer Homology, Knots, and Three-manifolds	National Science Foundation	7/1/2013	6/30/2016	\$452,367
Tian,Gang	CNV1002588	Grant	Geometric Equations and Geometric Applications	National Science Foundation	7/1/2013	6/30/2016	\$486,632
Sheridan,Nicholas J	CNV1002590	Grant	The Relative Fukaya Category and Mirror Symmetry	National Science Foundation	8/1/2013	7/31/2016	\$158,215
Sinai,Yakov G	CNV1002592	Grant	New Trends in Mathematical Fluid Dynamics and Ergodic Number Theory	National Science Foundation	8/1/2013	7/31/2016	\$204,000
Aretakis,Stefanos	CNV1002593	Grant	Analysis of Extremal Black Holes	National Science Foundation	8/1/2013	7/31/2016	\$148,000
Fefferman,Charles L	CNV1002594	Grant	Fourier Analysis and Partial Differential Equations	National Science Foundation	9/1/2013	8/31/2016	\$687,231
Pusateri,Fabio G	CNV1002596	Grant	Asymptotic Behavior for Dispersive and Hyperbolic PDEs	National Science Foundation	8/15/2013	7/31/2016	\$109,000
Skinner,Christopher M	CNV1002598	Grant	L-values, Galois Representations, and Elliptic Curves	National Science Foundation	8/15/2013	7/31/2016	\$140,000
Aizenman,Michael	CNV1002600	Grant	Topics in the Spectral Theory of Random Operators and in Statistical Mechanics	National Science Foundation	9/1/2013	8/31/2016	\$186,000
Moeller,Niels M	CNV1002601	Grant	Mean Curvature Flow, Minimal Surfaces and Ricci Flow	National Science Foundation	9/15/2013	8/31/2016	\$157,897
Vicol,Vlad Cristian	CNV1002946	Grant	Regularity, Stability, and Singular Limits in Fluid	National Science Foundation	1/1/2013	8/31/2015	\$103,632

Mathematics (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Zhang,Shou-Wu	CNV1002999	Grant	FRG: Collaborative Research: Periods of Automorphic Forms and Applications to L-Functions	National Science Foundation	9/1/2013	6/30/2016	\$183,806
Pausader,Benoit	CNV1003000	Grant	Scaling Limit in Dispersive Equations	National Science Foundation	9/1/2013	6/30/2015	\$55,494
Sarkar,Sucharit	CNV1003042	Grant	CAREER: Extending and Unifying Modern Homological Invariants in Low Dimensional Topology	National Science Foundation	7/1/2014	6/30/2019	\$450,000
Kollar,Janos	CNV1003132	Grant	Marie Curie: ModPosChar Moduli of Canonically Polarized Varieties in Positive Characteristic	University of Cyprus	1/5/2015	1/4/2016	\$24,973
Pausader,Benoit	CNV1003133	Grant	Alfred P. Sloan Research Fellowship in Mathematics for Benoit Pausader	Alfred P. Sloan Foundation	9/15/2014	6/30/2015	\$5,795
Kollar,Janos	CNV1003134	Grant	Families of Varieties of General Type	National Science Foundation	8/1/2014	7/31/2019	\$670,000
Ozsvath,Peter S	CNV1003227	Grant	Heegaard Diagrams and Holomorphic Disks	National Science Foundation	7/1/2014	6/30/2017	\$353,086

Mechanical and Aerospace Engineering

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Won,Sang H	AWD1004034	Contract	Experimental Evaluation of Fuel Chemical and Physical Property Impacts on Spray Injection/Ignition Processes	Korean Register of Shipping	6/12/2014	10/31/2014	\$38,460
Raitses,Yevgeny	AWD1004045	Contract	Coherent Structures in Plasmas Relevant to Electric Propulsion	Stanford University	5/15/2014	9/14/2015	\$724,909
Raitses,Yevgeny	AWD1004068	Contract	Secondary Electron Emission Testing of Boron Nitride at Elevated Temperatures	The Aerospace Corporation	3/26/2014	10/31/2014	\$40,000
Kasdin,N Jeremy	AWD1004072	Contract	Design and Manufacture of CHARIS: An Integral Field Spectrograph for Exoplanet Observations for Subaru Telescope	Subaru Telescope, NAOJ	4/1/2014	3/31/2015	\$529,742
Kasdin,N Jeremy	AWD1004079	Contract	Coronagraphy and Wavefront Control for the On-Axis AFTA Telescope	Cal Tech - Jet Propulsion Lab (JPL)	6/30/2014	9/30/2016	\$1,062,329
Stone,Howard A	AWD1004087	Grant	Nanoemulsions Via Bubble Bursting at Compound Interfaces	Unilever R&D Vlaardingen B.V.	12/15/2013	12/14/2015	\$200,000
Kasdin,N Jeremy	AWD1004125	Grant	Optimal Electric Field Estimation for Exoplanet Imaging Observatories in Space (A.J. Riggs, NASA NSTRF Part B)	NASA Headquarters - Washington	8/1/2014	7/31/2018	\$142,000
Hultmark,Marcus N	AWD1004127	Grant	Experimental Investigation of the Scalability of Wind Turbine Aerodynamics	National Science Foundation	7/15/2014	6/30/2017	\$330,000
Dryer,Frederick L	AWD1004128	Contract	Compact Kinetic Mechanisms for Petroleum Derived and Alternative Aviation Fuels	Spectral Energies LLC	6/20/2014	12/19/2014	\$36,000
Shneider,Mikhail	AWD1004133	Grant	Collaborative Research: Physics Based Modeling of Blue Jets	National Science Foundation	9/1/2014	8/31/2016	\$90,000
Shneider,Mikhail	AWD1004137	Grant	Collaborative Research: Pre-Ionization Controlled Laser Plasma Formation for Ignition Applications	DOE - Washington	8/1/2014	7/31/2017	\$90,000
Leonard,Naomi E	AWD1004148	Grant	Bio-inspired Scalable Collaboration of Autonomous Vehicles that Sense, Learn, and Decide	Office of Naval Research	7/1/2014	6/30/2018	\$2,250,000
Shneider,Mikhail	AWD1004151	Grant	Collaborative Research: Pre-Ionization Controlled Laser Plasma Formation for Ignition Applications	National Science Foundation	9/15/2014	8/31/2017	\$15,000
Miles,Richard B	AWD1004178	Grant	Deflection, Destabilization and Guiding of High Speed Objects in Air	Army Research Office	9/25/2014	3/31/2016	\$608,066
Kasdin,N Jeremy	AWD1004179	Grant	Optical and Mechanical Verification of an External Occulter for Starlight Suppression	NASA Headquarters - Washington	8/25/2014	8/24/2016	\$1,250,000
Smits,Alexander J	AWD1004181	Grant	MURI: Bio-Inspired Flexible Propulsors for Fast, Efficient Swimming: What Physics are we Missing?	University of Virginia	7/1/2014	9/30/2017	\$2,000,000
Bou Zeid,Elie R	AWD1004246	Grant	Rapid Modifications of Land Surface Temperature During Rainfall: Basics and Implications	Army Research Office	1/1/2015	6/30/2018	\$360,263
Rowley,Clarence W	AWD1004247	Grant	Flow Physics and Nonlinear Dynamics of Separated Flows Subjected to ZNMF-Based Control	Florida State University	9/15/2014	9/14/2017	\$370,461

Mechanical and Aerospace Engineering (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Ju,Yiguang	AWD1004248	Grant	Study of Cool Flames with Ozone Sensitization in Microgravity	NASA Shared Services Center	11/12/2014	3/31/2015	\$4,000
Stone,Howard A	AWD1004249	Contract	Marie Curie: "SOFTEVA- Drying of Complex Fluids on Soft Substrates"	University of Paris Diderot	6/1/2014	5/31/2016	\$45,150
Dryer,Frederick L	AWD1004259	Contract	Characterization of Global Combustion Behaviors of Jet Fuels and Experimental Studies on Jet Fuel Surrogate Components	Universal Technology Corporation	10/29/2014	9/30/2016	\$400,000
Law,Chung K	AWD1004261	Grant	Structure and Response of Spherical Diffusion Flame	NASA Glenn Research Center	11/25/2014	11/24/2016	\$255,000
Glaser,Alexander	AWD1004268	Grant	Consortium for Verification Technology	University of Michigan	9/1/2014	8/31/2019	\$2,486,251
Kolemen,Egemen	AWD1004330	Contract	Plasma Control Research on the DIII-D Tokamak	Princeton Plasma Physics Laboratory	3/11/2015	2/28/2018	\$150,000
Kasdin,N Jeremy	AWD1004331	Grant	Formation Flying for External Occulters	NASA Headquarters - Washington	1/1/2015	12/31/2016	\$372,495
Shneider,Mikhail	AWD1004335	Contract	Modeling and Theoretical Support Of In-Situ Laser Diagnostics Development and Applications for Plasma Nanosynthesis Project	Princeton Plasma Physics Laboratory	3/26/2015	2/28/2018	\$243,000
Groff,Tyler D	AWD1004338	Grant	Integral Precision Wavefront Correcting Optics for Coronagraphy	NASA Headquarters - Washington	5/6/2015	5/5/2016	\$163,383
Shneider,Mikhail	AWD1004349	Grant	Control of Microstructure of Water by a Laser for Applications in Future Underwater Sensor and Communication Technology	Office of Naval Research	3/15/2015	2/28/2018	\$650,000
Choueiri,Edgar Y	AWD1004355	Grant	Construction and Testing of an Advanced Propulsion Concept Driven by the Ponderomotive Force (SURP 2015)	Cal Tech - Jet Propulsion Lab (JPL)	10/14/2014	9/27/2015	\$65,000
Miles,Richard B	AWD1004359	Contract	Wake Following	DE Technologies, Inc.	1/12/2015	3/31/2016	\$100,000
Miles,Richard B	AWD1004367	Grant	Stand-Off Detection of Magnetic Anomalies by Circular Polarized Laser Interactions	Office of Naval Research	4/1/2015	12/31/2017	\$750,000
Law,Chung K	AWD1004405	Grant	Investigations on Hydrodynamic and Diffusional-thermal Flamefront Instabilities	National Science Foundation	6/1/2015	5/31/2018	\$277,000
Dogariu,Arthur	AWD1004452	Contract	Feasibility Demonstration for Handheld Optical Explosives Trace Detector (HOETD)	The Johns Hopkins University	6/15/2015	3/31/2016	\$100,000
Dryer,Frederick L	AWD1004459	Contract	Compact Kinetic Mechanisms for Petroleum-Derived and Alternative Aviation Fuels (Phase II)	Spectral Energies LLC	5/1/2015	4/30/2017	\$300,000
Miles,Richard B	AWD1004496	Contract	Short Pulsed Laser Methods for Velocimetry and Thermometry in High Enthalpy Facilities	MetroLaser, Inc.	6/17/2015	12/17/2015	\$32,805
Miles,Richard B	AWD1004513	Grant	Control of Static and Dynamic Stall in a Wide Range of Mach Numbers by Plasma Actuators with Combined Energy/Momentum Action	Army Research Office	5/13/2015	5/12/2018	\$450,000

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kasdin,N Jeremy	AWD1004650	Contract	Design and Manufacture of CHARIS: An Integral Field Spectrograph for Exoplanet Observations for Subaru Telescope	Subaru Telescope, NAOJ	4/1/2015	3/31/2016	\$324,978
Smits,Alexander J	AWD1004695	Grant	Turbulence at Reynolds Numbers Typical of Navy Operations	Office of Naval Research	4/1/2015	3/31/2018	\$339,955
Miles,Richard B	CNV1000713	Grant	Fundamental Mechanisms, Predictive Modeling, and Novel Aerospace Applications of Plasma-Assisted	Ohio State University	8/1/2009	7/31/2014	\$3,219,052
Law,Chung K	CNV1000862	Cooperative Agreement	Structure and Response of Spherical Diffusion Flames (Renewal June 2009)	NASA Glenn Research Center	10/1/2009	9/30/2015	\$375,000
Dryer,Frederick L	CNV1000879	Cooperative Agreement	Scientific Support for a Space-Based Droplet Burning Experiment	NASA Glenn Research Center	9/1/2009	8/31/2016	\$680,000
Law,Chung K	CNV1001091	Grant	Physical and Chemical Processes in Flames--Renewal 3-15-2009	Air Force Office of Scientific Research	5/15/2010	1/31/2015	\$614,982
Martinelli,Luigi	CNV1001174	Grant	FAA Joint University Program for Air Transportation--Proposal for Activities by Princeton University	Federal Aviation Agency (DOT)	8/9/2010	9/21/2015	\$725,000
Stone,Howard A	CNV1001453	Grant	The Influence of Quorum Sensing and Flow on the Organization of Biofilm Streamers	National Science Foundation	8/1/2011	7/31/2015	\$632,342
Stone,Howard A	CNV1001477	Grant	Elastocapillary Dynamics During Wetting and Drying of Sheets and Fibers	National Science Foundation	8/15/2011	7/31/2014	\$279,168
Suckewer,Szymon	CNV1001511	Grant	Lasing Without Inversion in He and He-like Ions in XUV & X-Ray Regions	National Science Foundation	9/1/2011	8/31/2015	\$524,795
Choueiri,Edgar Y	CNV1001515	Grant	Plasma/Electrode Interactions in Plasma Propulsion and High Current Density Environments	Air Force Office of Scientific Research	9/1/2011	8/31/2016	\$1,230,000
Leonard,Naomi E	CNV1001540	Grant	CPS: Medium: Collaborative Research: Remote Imaging of Community Ecology via Animal-borne Wireless	National Science Foundation	9/15/2011	8/31/2016	\$400,000
Suckewer,Szymon	CNV1001551	Grant	Compact Ultraintense Femtosecond Laser via Raman Backscattering in Plasma	DOE - Chicago	8/1/2011	7/31/2015	\$389,332
Law,Chung K	CNV1001588	Grant	Development of Detailed and Reduced Kinetic Mechanisms for Surrogates of Petroleum-Derived and Synthetic Jet Fuels--Tishkoff	University of Southern California	9/1/2011	8/31/2014	\$234,514
Miles,Richard B	CNV1001606	Grant	Standoff Detection of Trace Molecules by Remote High Gain Backward Lasing in Air	Office of Naval Research	11/1/2011	10/31/2015	\$835,435
Choueiri,Edgar Y	CNV1001646	Contract	Research on Advanced Audio Techniques and Applied Acoustics	SCA IPLA Holdings Inc.	1/1/2012	12/31/2015	\$2,950,000
Starikovskiy,Andrey Y	CNV1001690	Grant	Physics and Chemistry of Plasma-Assisted Combustion	Partner University Fund	8/1/2011	4/30/2015	\$71,295
Glaser,Alexander	CNV1001693	Grant	Global Zero Warhead Verification Project in Partnership with Princeton University's Nuclear Futures Laboratory	The Simons Foundation	10/1/2011	6/30/2015	\$162,499

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ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Rowley, Clarence W	CNV1001721	Grant	Identifying the Flow Physics and Modeling Transient Forces on Two-Dimensional Wings	Air Force Office of Scientific Research	3/15/2012	9/14/2015	\$616,439
Ju, Yiguang	CNV1001757	Grant	Studies of Turbulent Flame Propagation and Chemistry Interaction at Elevated Temperature and Large Reynolds Numbers	Air Force Office of Scientific Research	4/1/2012	7/31/2015	\$480,000
Miles, Richard B	CNV1001758	Grant	Diagnostics of Unseeded Air and Nitrogen Flows by Molecular Tagging	Air Force Office of Scientific Research	4/15/2012	4/15/2015	\$510,000
Ju, Yiguang	CNV1001785	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	5/1/2012	12/31/2015	\$330,575
Kasdin, N Jeremy	CNV1001801	Grant	Verifying Deployment Tolerances of an External Occulter for Starlight Suppression	NASA Headquarters - Washington	3/1/2012	6/30/2015	\$489,175
Holmes, Philip J	CNV1001883	Grant	BSF Application 2011059: The Control and Coordination of Six-Legged Locomotion	U.S.-Israel Binational Science Fdn.	10/1/2012	9/30/2016	\$72,850
Smits, Alexander J	CNV1001940	Grant	ONR: MURI: Slippery Liquid-Infused Porous Surfaces (SLIPS) for Turbulent Drag Reduction at High Reynolds Number	Office of Naval Research	6/1/2012	5/31/2017	\$3,748,999
Smits, Alexander J	CNV1001951	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	6/16/2012	10/15/2017	\$511,444
Stone, Howard A	CNV1001986	Grant	Liquid Metals as Plasma-Facing Materials for Fusion Energy Systems: From Atoms to Tokamaks	DOE - Washington	8/1/2012	7/31/2016	\$1,190,728
Stone, Howard A	CNV1002016	Grant	MPS-BIO: Collaborative Research: Mathematical and Experimental Study of Lipid Bilayer Shape and Dynamics Mediated by Surfactants and Proteins	National Science Foundation	9/15/2012	8/31/2016	\$181,667
Suckewer, Szymon	CNV1002021	Grant	Research on Improvement Efficiency and Focussibility of Ultra-Intense Beam of Stimulated Raman Backscattering Amplifier/Compressor in Plasma	DOE - National Nuclear Security Admin	9/28/2012	9/27/2016	\$783,639
Stone, Howard A	CNV1002032	Grant	Axial Dispersion Due Shear-Enhanced Diffusion in Suspensions	National Science Foundation	9/1/2012	8/31/2015	\$282,357
Smits, Alexander J	CNV1002144	Grant	Turbulence at Reynolds Numbers Typical of Navy Operations	Office of Naval Research	1/1/2013	3/31/2015	\$393,806
Rowley, Clarence W	CNV1002159	Contract	Simulation Software for Virtual Flight Testing	Clear Science Corporation	11/15/2012	11/28/2014	\$199,980
Miles, Richard B	CNV1002189	Grant	Magnetic Anomaly Detection by Remote Means	Office of Naval Research	1/1/2013	12/31/2015	\$600,000
Hultmark, Marcus N	CNV1002513	Grant	Development of Fast Response Temperature and Humidity Sensor	École Polytechnique Fédérale de Lausanne	4/1/2013	12/31/2014	\$229,000

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ACTIVE SPONSORED AWARDS

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Dryer, Frederick L	CNV1002516	Contract	Evaluation of Varying Solvent Surrogate Blend Ratios for Simulating Chemical Properties and Prevaporized Combustion Characteristics of JP-8	University of Dayton	3/1/2013	8/29/2014	\$110,000
Ju, Yiguang	CNV1002519	Grant	An Investigation on Structures of Premixed Flames in High Intensity Turbulent Flow	University of Texas at El Paso	5/1/2013	5/30/2016	\$75,000
Miles, Richard B	CNV1002522	Grant	NASA Space Technology Research Fellowships Fall 2013 Fellowship Start (NSTRF13-Christopher John Peters)	NASA Headquarters - Washington	8/1/2013	7/31/2017	\$209,948
Martinelli, Luigi	CNV1002523	Grant	Collaborative Research: A Multi-Scale Approach for Optimizing Tidal Kinetic Energy Extraction for Sustainable Power Generation	National Science Foundation	9/1/2013	8/31/2016	\$163,358
Miles, Richard B	CNV1002524	Grant	DURIP: Transonic Wind Tunnel Modernization for Experimental Investigation of Dynamic Stall in a Wide Range of Mach Numbers by Plasma Actuators with Combined Energy/Momentum Action	Army Research Office	9/1/2013	8/31/2014	\$255,394
Kasdin, N Jeremy	CNV1002525	Grant	Further Laboratory Verification of Occulter Optical Performance and Sensing for Planet Finding Telescopes	NASA Headquarters - Washington	9/1/2013	8/31/2014	\$30,000
Miles, Richard B	CNV1002526	Grant	DURIP: Femtosecond Laser and Camera System for Quantitative Field Imaging of Complex Flows	Air Force Office of Scientific Research	9/11/2013	9/10/2014	\$670,223
Law, Chung K	CNV1002833	Grant	Physical and Chemical Processes in Turbulent Flames-- Revised Budget 10/26/2012	Air Force Office of Scientific Research	3/15/2013	3/14/2015	\$495,000
Smits, Alexander J	CNV1002840	Grant	Friction Drag Reduction Using Superhydrophobic Surface in High Reynolds Number Turbulent Flow	Office of Naval Research	2/15/2013	2/14/2016	\$180,000
Dryer, Frederick L	CNV1002868	Grant	Chemical Kinetic Models for Biomass Gasification and Combustion for Clean Biomass Cookstove Applications	Colorado State University, Fort Collins	2/1/2013	1/31/2015	\$127,500
Ju, Yiguang	CNV1002883	Grant	Effects of Exhaust Gas Recirculation (EGR) on Turbulent Combustion and Emissions in Advanced Gas Turbine Combustors with High-Hydrogen-Content (HHC) Fuels	Purdue University	10/1/2013	9/30/2016	\$220,000
Stone, Howard A	CNV1002917	Contract	Non-Equilibrium Transport: Into Biosubstrate (and Fibrous) Systems	Unilever R&D, Port Sunlight	1/1/2014	12/31/2015	\$289,819
Stone, Howard A	CNV1002993	Grant	Scalable Production of Stable Antibubbles with Well-controlled Morphology	Royal FrieslandCampina Corporate Rsrch	1/2/2014	9/14/2014	\$30,661
Dryer, Frederick L	CNV1002994	Grant	An Experimental and Chemical Kinetics Study of the Combustion of High Hydrogen Content Fuels: Detailed Species Predictions and Contaminant	University of South Carolina	10/1/2013	9/30/2016	\$79,432
Stone, Howard A	CNV1003060	Grant	Research Agreement Between G.E. Betz, Inc of Trevose, PA. and Prof. Howard A. Stone (Dept. of Mechanical & Aerospace Engineering), Princeton University	GE Betz, Inc.	3/19/2014	11/4/2014	\$350,000
Dogariu, Arthur	CNV1003098	Grant	Magnetic Anomaly Detection with Radar REMPI of Xenon	Niitek, Inc.	5/1/2014	2/28/2015	\$48,117

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ACTIVE SPONSORED AWARDS

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Dogariu,Arthur	CNV1003099	Grant	High Sensitivity Trace Detection Using Dual Pulse Backward Lasing in Air	Niitek, Inc.	5/1/2014	2/28/2015	\$48,117
Dryer,Frederick L	CNV1003100	Cooperative Agreement	Kinetics for Syngas, High Hydrogen Content, and Natural Gas Fuels at Elevated Pressures and Temperatures for Gas Turbine Applications: NOx Experimental Validation Database and Model Verification	Siemens Power Generation	1/1/2014	5/15/2015	\$193,070
Miles,Richard B	CNV1003103	Grant	Research on Mercury-Based Filtered Rayleigh Scattering	MetroLaser, Inc.	1/2/2014	8/31/2014	\$27,500
Law,Chung K	CNV1003104	Grant	Numerical and Experimental Investigations of the Fundamental Processes that Drive Combustion Instabilities in Liquid Rocket Engines	Georgia Institute of Technology	2/1/2014	1/31/2015	\$100,000
Leonard,Naomi E	CNV1003231	Grant	Dynamical Systems, Control and Optimization	Belgian Science Policy Office	4/1/2012	3/31/2017	\$14,175

Molecular Biology

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Shenk,Thomas E	AWD1004000	Grant	HCMV-Mediated Changes in Cellular Metabolism Regulated by Sirtuin 1 and 6	American Cancer Society, Inc. (ACS)	7/1/2014	6/30/2017	\$163,500
Ploss,Alexander	AWD1004001	Grant	Therapeutic Use of an Enhanced Form of CD4-Ig	Scripps Research Institute	4/1/2014	11/30/2014	\$50,000
Korennykh,Alexei V	AWD1004002	Grant	Systems Biology of Interferon-Activated RNA Decay in Cancer Metastasis	Sidney Kimmel Fdn for Cancer Research	7/1/2014	6/30/2016	\$200,008
Petry,Sabine	AWD1004009	Grant	Molecular Basis of the Chromosome Segregation Machinery and its Malfunction	Sidney Kimmel Fdn for Cancer Research	7/1/2014	6/30/2016	\$200,007
Schwarzbauer,Jean E	AWD1004012	Contract	Impact of Alloderm on Post-surgical Wound Fluid Biomarkers	Rutgers University - New Brunswick	1/8/2014	7/21/2015	\$55,755
Petry,Sabine	AWD1004018	Grant	Building the Microtubule Cytoskeleton via Microtubule Nucleation	The Pew Charitable Trusts	8/1/2014	7/31/2019	\$240,008
Ren,Guangwen	AWD1004040	Grant	Mesenchymal Stromal Cells and Stromal Fibroblasts in Radiotherapy Resistance	NIH NCI	7/1/2014	6/30/2016	\$178,612
Notterman,Daniel A	AWD1004046	Grant	Reciprocal Genetic-Environmental Interactions During Childhood and Adolescence	NIH NICHD	5/1/2014	4/30/2018	\$3,357,043
Schwarzbauer,Jean E	AWD1004071	Grant	RESBIO- The Technology Resource for Polymeric Biomaterials	Rutgers University - New Brunswick	6/1/2014	5/31/2015	\$90,705
Kang,Yibin	AWD1004073	Grant	Targeting Metadherin to Reduce the Initiation and Metastasis of Breast Cancer	Breast Cancer Research Foundation	10/1/2014	9/30/2015	\$201,679
Enquist,Lynn W	AWD1004078	Grant	Center for Experimental Neuroanatomy with Neurotropic Viruses	University of Pittsburgh	6/1/2014	5/31/2015	\$203,706
Brynildsen,Mark P	AWD1004092	Grant	Development of a Method to Rapidly Quantify Persister Gene Expression	NIH NIAID	8/1/2014	7/31/2020	\$294,180
Devenport,Danelle	AWD1004111	Grant	Mechanical Forces in Establishing Long-range Tissue Patterning	Bert L & Natalie K Vallee Fdn, Inc.	9/1/2014	8/31/2019	\$250,000
Shenk,Thomas E	AWD1004156	Grant	Human Cytomegalovirus-induced Alterations to Cell-surface Adhesion Proteins	NIH NIAID	8/1/2014	12/31/2014	\$399,362
Schedl,Paul D	AWD1004169	Grant	Factors and Mechanisms Mediating Boundary Function in Drosophila	NIH NIGMS	9/10/2014	6/30/2018	\$1,574,892
Notterman,Daniel A	AWD1004174	Grant	Biopsychosocial Determinants of Sleep and Wellbeing for Teens in Fragile Families	The Research Foundation S.U.N.Y.	6/1/2014	5/31/2018	\$212,083
Notterman,Daniel A	AWD1004204	Grant	Measurement Error in Population Health Inequity Research using Novel Biomeasures	University of Michigan	7/1/2014	3/31/2017	\$125,810
Silhavy,Thomas J	AWD1004212	Contract	Evaluation of Potential BAM Pathway Inhibitors	Merck & Co., Inc.	11/10/2014	11/9/2016	\$410,850
Petry,Sabine	AWD1004215	Grant	Building the Microtubule Cytoskeleton via Microtubule Nucleation	The David and Lucile Packard Foundation	10/30/2014	10/29/2019	\$402,500

Molecular Biology (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Wieschaus,Eric F	AWD1004218	Grant	Genome Wide Measurement of Concentration Dependent Bicoid Transcription Factor Binding	NIH NICHD	12/1/2014	11/30/2017	\$129,360
Notterman,Daniel A	AWD1004223	Grant	Autism and Single Nucleotide Polymorphisms in the IGF Pathway	Nancy Lurie Marks Family Foundation	11/1/2014	8/31/2015	\$33,369
Shenk,Thomas E	AWD1004274	Grant	Human Cytomegalovirus-induced Alterations to Cell-surface Adhesion Proteins	NIH NIAID	1/1/2015	12/31/2019	\$2,157,113
Gammie,Alison E	AWD1004289	Grant	2015 Genentech Foundation Summer Scholarship	Genentech, Inc.	6/1/2015	8/31/2015	\$18,000
Schupbach,Gertrud M	AWD1004290	Grant	EGF Receptor Mediated Signaling in Drosophila	NIH NIGMS	2/1/2015	1/31/2019	\$1,616,858
Ploss,Alexander	AWD1004326	Contract	Investigation of the Role of FGF2 in the Humoral Immune Response	Nadjuvant Biotherapeutics	4/1/2015	2/29/2016	\$24,643
Devenport,Danelle	AWD1004339	Grant	Establishment of Long-Range Tissue Polarity in the Mammalian Epidermis	NIH NIAMS	4/1/2015	3/31/2020	\$1,727,440
Cristea,Ileana M	AWD1004345	Grant	Identifying the Rols of ARMS2 and HTRA1 in the Pathogenesis of Age-related Macular Degeneration Using Functional Proteomics	The Johns Hopkins University	12/31/2014	12/30/2016	\$224,000
Ploss,Alexander	AWD1004356	Grant	Development of Humanized Mouse Models of Primary and Metastatic Liver Malignancies	Rutgers University - New Brunswick	5/1/2015	2/28/2017	\$50,000
Cristea,Ileana M	AWD1004373	Grant	Functional Investigation of the TBX20 Cardiac Interactome	North Carolina State University	4/1/2015	1/31/2019	\$633,786
Zakian, Virginia A	AWD1004380	Grant	Identifying Proteins that Promote Replication Fork Progression at Protein-DNA Complexes	NJ Commission on Cancer Research	1/1/2015	12/31/2016	\$100,000
Shenk,Thomas E	AWD1004384	Grant	The Role of Tumor Suppressor p53 Pathway in HCMV Infection	NJ Commission on Cancer Research	1/1/2015	12/31/2016	\$100,000
Kang,Yibin	AWD1004385	Grant	Exploration of the Dynamics of E-selectin Interaction in Breast Cancer Metastasis	NJ Commission on Cancer Research	1/1/2015	12/31/2016	\$50,000
Kang,Yibin	AWD1004386	Grant	Mechanism and Targeting of MTDH in Breast Cancer	NJ Commission on Cancer Research	1/1/2015	12/31/2016	\$100,000
Ploss,Alexander	AWD1004398	Contract	Dissecting Virus Neutralizing Determinants to Guide HCV Vaccine Development	Scripps Research Institute	3/1/2015	2/29/2016	\$31,425
Enquist,Lynn W	AWD1004399	Grant	PDE5 Inhibition of Afferents and Interstitial Cells in Overactive Mouse Bladders	University of Pittsburgh	10/1/2014	8/31/2019	\$20,582
Enquist,Lynn W	AWD1004413	Grant	Regulation of Herpesvirus Invasion of the Nervous System for Targeted Brain Cancer Therapy	NJ Commission on Cancer Research	1/1/2015	12/31/2016	\$100,000
Zakian, Virginia A	AWD1004414	Grant	The Role of G-Quadruplex Sequences in Ribosomal DNA Transcription and Ribosome Biogenesis or Function.	The Ford Foundation	6/1/2015	5/31/2016	\$45,000

Molecular Biology (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Ploss,Alexander	AWD1004423	Contract	Generation of Humanized Mouse Models for Hepatitis B Virus Infection	Gilead Sciences, Inc.	6/1/2015	5/31/2017	\$552,570
Ploss,Alexander	AWD1004427	Contract	Understanding Human Neutralizing Antibodies to Hepatitis C Virus	Scripps Research Institute	6/1/2015	5/31/2016	\$67,800
Boulanger,Lisa M	AWD1004449	Grant	Investigating the Role of MHC1 in Excitotoxicity Following Traumatic Brain Injury	NJ Commission on Brain Injury Research	6/1/2015	5/31/2018	\$100,500
Schwarzbauer,Jean E	AWD1004533	Grant	RESBIO - The Technology Resource for Polymeric Biomaterials	Rutgers University - New Brunswick	6/1/2015	5/31/2018	\$104,151
Shenk,Thomas E	AWD1004535	Grant	Viral Modulation of Epigenetic Mechanisms	University of Pennsylvania	4/15/2015	3/31/2020	\$1,129,064
Schwarzbauer,Jean E	AWD1004554	Grant	A Cell-assembled Matrix Template to Guide Nerve Regeneration in the Spinal Cord	NJ Commission on Spinal Cord Research	6/29/2015	6/30/2018	\$166,861
Schupbach,Gertrud M	CNV1000011	Grant	Howard Hughes Medical Institute Support for Gertrud Schupbach	Howard Hughes Medical Institute	7/1/1994	8/31/2014	\$1,057,780
Wieschaus,Eric F	CNV1000013	Grant	Howard Hughes Medical Institute Support for Eric Wieschaus	Howard Hughes Medical Institute	9/1/1997	8/31/2019	\$1,103,940
Bassler,Bonnie L	CNV1000227	Grant	Howard Hughes Medical Institute Support for Bonnie Bassler	Howard Hughes Medical Institute	8/1/2005	8/31/2016	\$632,740
Shenk,Thomas E	CNV1000661	Grant	Human Cytomegalovirus Tegument Proteins	NIH NCI	5/1/2009	2/28/2015	\$1,827,520
Silhavy,Thomas J	CNV1001032	Grant	Intercellular Signaling in Vibrio Harveyi	National Science Foundation	2/15/2010	1/31/2017	\$1,053,686
Shenk,Thomas E	CNV1001042	Grant	Human Cytomegalovirus Latency in Cultured Monocytes	NIH NIAID	2/15/2010	1/31/2016	\$1,759,997
Kang,Yibin	CNV1001068	Grant	The Role of miRNAs in Epithelial Mesenchymal Transition and Metastasis	NIH NCI	4/1/2010	1/31/2016	\$1,577,179
Hughson,Frederick M	CNV1001196	Grant	HHMI Precollege and Undergraduate Science Education Program: Parent Award	Howard Hughes Medical Institute	9/1/2010	8/31/2015	\$1,500,000
Schedl,Paul D	CNV1001271	Grant	Novel Genes Involved in the Network Controlling Sexual Differentiation and Date Determination	U.S.-Israel Binational Science Fdn.	10/1/2010	9/30/2014	\$70,400
Schupbach,Gertrud Maria	CNV1001328	Grant	EGF Receptor Mediated Signaling in Drosophila	NIH NIGMS	3/1/2011	1/31/2015	\$1,141,160
Wieschaus,Eric F	CNV1001419	Grant	Oogenesis and Early Embryogenesis in Drosophila	NIH NICHD	6/1/2011	5/31/2016	\$1,054,616
Enquist,Lynn W	CNV1001456	Grant	Dissecting the unique neuronal spread phenotype of HSV-1 clinical strain H129 with a Brainbow recombinant	The Pew Charitable Trusts	7/1/2011	6/30/2017	\$95,000
Silhavy,Thomas J	CNV1001468	Grant	Regulation of Stationary Phase in Escherichia coli	NIH NIGMS	8/1/2011	6/30/2016	\$1,227,387
Devenport,Danelle	CNV1001526	Grant	Regulation of Cell Polarity During Epidermal Growth and Homeostasis	NIH NIAMS	9/1/2011	8/31/2014	\$734,550
Kang,Yibin	CNV1001574	Grant	Role of p63 in Mammary Stem Cell rRegulation and Breast Cancer Progression	Army Medical Rsrch Acquisition Activity	9/1/2011	8/31/2014	\$324,000

Molecular Biology (4)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Enquist,Lynn W	CNV1001615	Grant	Genetic Analysis of Herpesvirus Tropism and Virulence	NIH NINDS	1/1/2012	12/31/2016	\$1,797,974
Kang,Yibin	CNV1001622	Grant	Tumor-derived Jagged1 Promotes Breast Cancer Bone Metastasis by Activating Stromal Notch Signaling	The Susan G. Komen Breast Cancer Fdn.	11/28/2011	11/27/2014	\$180,000
Kang,Yibin	CNV1001623	Grant	Targeting VCAM1 and ICAM1 to Prevent Metastatic Recurrence from Dormant Bone Metastases	The Susan G. Komen Breast Cancer Fdn.	11/28/2011	11/27/2014	\$588,750
Kang,Yibin	CNV1001625	Contract	Anti-Jag1 Functional Blocking Antibody 15D11	Amgen, Inc.	11/28/2011	11/27/2016	\$250,000
Cristea,Ileana M	CNV1001639	Grant	Molecular and Genetic Analysis of Castor in Cardiac Development	Univ of No Carolina at Chapel Hill	12/1/2011	11/30/2016	\$313,331
Bassler,Bonnie L	CNV1001653	Grant	Intra- and Inter Species Communication in Bacteria	NIH NIGMS	1/15/2012	11/30/2016	\$1,337,699
Burdine,Rebecca D	CNV1001667	Grant	The Roles of FoxH1 and TGFbeta Signaling in Directing Asymmetric Cardiac Morphogenesis	National Science Foundation	2/1/2012	1/31/2015	\$450,823
Gitai,Zemer	CNV1001691	Grant	Negative Regulation of Virulence in Pseudomonas Aeruginosa	NIH NIAID	2/1/2012	1/31/2015	\$168,558
Schwarzbauer,Jean E	CNV1001696	Grant	Mesangial Cell Matrix Deposition in High Glucose as a Model of Glomerulosclerosis	NIH NIDDK	3/1/2012	2/28/2015	\$127,140
Kang,Yibin	CNV1001708	Contract	Testing the Anti-Metastatic Effect of Glycomimetic Small Molecule Compounds that Inhibit E-selectin	GlycoMimetics, Inc.	3/1/2012	2/28/2015	\$210,000
Wieschaus,Eric F	CNV1001730	Grant	Mechanisms for Measuring the Nucleocytoplasmic Ratio in Early Embryogenesis	NIH NICHD	4/1/2012	3/31/2015	\$163,110
Gavis,Elizabeth R	CNV1001741	Grant	Mechanism of RNA Localization in Drosophila Development	NIH NIGMS	4/1/2012	3/31/2016	\$1,509,140
Schwarzbauer,Jean E	CNV1001774	Grant	Molecular Analysis of Extracellular Matrix Assembly	NIH NCI	5/1/2012	3/31/2017	\$1,598,068
Cristea,Ileana M	CNV1001807	Grant	Mass Spectrometry Investigation of Mitochondrial Sirtuins as New anti-Viral Factors	American Society for Mass Spectrometry	5/1/2012	4/30/2016	\$35,000
Gitai,Zemer	CNV1001869	Grant	Characterization of Pseudomonas aeruginosa surface sensing	Life Sciences Research Foundation	8/1/2012	7/31/2015	\$168,105
Burdine,Rebecca D	CNV1001878	Grant	Connecting Polycystin Signaling to Asymmetric Nodal Expression	NIH NICHD	7/1/2012	4/30/2017	\$1,761,464
Wang,Samuel S	CNV1001898	Grant	Investigating Readout of Cerebellar Synchrony in Delay Eyeblick Conditioning	NIH NIMH	7/15/2012	7/14/2014	\$84,464
Gavis,Elizabeth R	CNV1001900	Grant	A genome-wide genetic screen for asymmetrically localized mRNAs	U.S.-Israel Binational Science Fdn.	10/1/2012	9/30/2016	\$93,500
Bassler,Bonnie L	CNV1001902	Grant	Investigation of Bacterial Quorum-Sensing at the Population-Wide and Single-Cell Level	Human Frontier Science Prog Org (HFSP)	6/1/2012	8/31/2015	\$14,760
Zakian, Virginia A	CNV1001906	Grant	Structure and Behavior of Yeast Telomeres	NIH NIGMS	8/5/2012	7/31/2016	\$2,039,182
Gavis,Elizabeth R	CNV1002025	Grant	Regulation of Dendrite Morphogenesis by Nanos and Pumilio	NIH NINDS	9/1/2012	8/31/2015	\$163,110

Molecular Biology (5)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Cristea,Ileana M	CNV1002077	Contract	Host Factors Required for Dengue and Yellow Fever Virus Amplification	University of Alabama at Birmingham	8/3/2012	7/31/2016	\$426,626
Enquist,Lynn W	CNV1002078	Grant	Mechanisms of Pseudorabies Virus Exit, Retention & Trans-Neuronal Spread	American Cancer Society, Inc. (ACS)	1/1/2013	12/31/2015	\$150,000
Wingreen,Ned S	CNV1002080	Grant	History Dependence of Chemosensing Strategy in Escherichia Coli	NIH NIGMS	9/1/2012	8/31/2016	\$1,386,022
Cristea,Ileana M	CNV1002133	Grant	Proteomic Study of DBC1: Deacetylation and Tumorigenesis	NJ Dept of Health and Senior Services	7/1/2012	12/31/2014	\$91,000
Stock,Jeffrey B	CNV1002136	Grant	Synergistic Neuroprotective Mechanisms of Coffee Components in Parkinson's Disease	Rutgers University - New Brunswick	9/30/2012	8/31/2016	\$614,276
Kang,Yibin	CNV1002152	Grant	Cancer Center Support Grant: Support for Director of TG/KO Shared Resource	Rutgers University - New Brunswick	3/1/2012	2/28/2016	\$76,108
Gammie,Alison E	CNV1002198	Grant	The Role of DNA Mismatch Repair Protein Msh2 in Cisplatin Resistance in Tumors	Rutgers University - New Brunswick	12/1/2012	11/30/2014	\$80,000
Schwarzbauer,Jean E	CNV1002450	Grant	Research Agreement 1959: NIH-NCI CCSG Support	Rutgers University - New Brunswick	3/1/2012	2/28/2016	\$25,126
Gitai,Zemer	CNV1002451	Grant	Identifying and Characterizing Bacterial Cytoskeletal Elements and Small Molecules that Target Them	Human Frontier Science Prog Org (HFSP)	5/1/2013	4/30/2016	\$300,000
Kang,Yibin	CNV1002452	Grant	Metadherin as a Determinant of Immune Tolerance in Metastatic Breast Cancer	American Cancer Society, Inc. (ACS)	7/1/2013	6/30/2016	\$150,000
Devenport,Danelle	CNV1002453	Grant	Establishment of Long-Range Tissue Polarity in a Regenerative Epithelium	Searle Scholars Program	7/1/2013	6/30/2016	\$300,000
Burdine,Rebecca D	CNV1002454	Grant	Using Live Fluorescent Imaging to Analyze Generation of charon Left-Right Asymmetry in Zebrafish Embryos	UNCF-Merck Science Initiative	9/1/2013	8/31/2015	\$53,488
Kang,Yibin	CNV1002455	Grant	Analysis and Targeting of the SND1/MTDH Complex in miRNA Processing and Cancer Progression	Ono Pharmaceutical Co., Ltd	10/1/2013	9/30/2014	\$115,902
Devenport,Danelle	CNV1002459	Grant	Role of Autophagy in Skin Cancers	Rutgers University - New Brunswick	12/1/2012	11/30/2015	\$33,333
Silhavy,Thomas J	CNV1002460	Grant	Genetic Analysis of Protein Export	NIH NIGMS	5/1/2013	4/30/2017	\$2,742,772
Gavis,Elizabeth R	CNV1002461	Grant	Translational Regulation of Patterning in Drosophila	NIH NIGMS	5/1/2013	4/30/2017	\$1,294,008
Hughson,Frederick M	CNV1002464	Grant	Structural Analysis of Golgi Trafficking Proteins	NIH NIGMS	6/1/2013	2/28/2017	\$1,376,199
Rose,Mark D	CNV1002465	Grant	Mechanisms of Nuclear and Cell Fusion in Yeast	NIH NIGMS	7/1/2013	3/31/2017	\$1,955,822
Ploss,Alexander	CNV1002466	Grant	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	NIH NIAID	7/1/2013	6/30/2018	\$1,988,350
Gitai,Zemer	CNV1002467	Grant	Predocutorial Training in Genetics and Molecular Biology	NIH NIGMS	7/1/2013	6/30/2018	\$1,116,364

Molecular Biology (6)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Rose,Mark D	CNV1002471	Grant	Understanding the Mechanism of DNA Mismatch Repair	NJ Commission on Cancer Research	4/1/2013	9/30/2015	\$50,000
Kang,Yibin	CNV1002472	Grant	Role of Exosomal MiRNA in Breast Cancer Metastasis	NJ Commission on Cancer Research	4/1/2013	9/30/2015	\$100,000
Wieschaus,Eric F	CNV1002473	Grant	Mechanical Force-induced Cell-cell Junction Remodeling	NJ Commission on Cancer Research	4/1/2013	9/30/2015	\$100,012
Kang,Yibin	CNV1002474	Grant	Ubiquitin-dependent Regulation of EMT and Metastasis	NJ Commission on Cancer Research	4/1/2013	9/30/2015	\$50,000
Gitai,Zemer	CNV1002475	Grant	The Function and Organization of MreB Filaments	NIH NIGMS	8/1/2013	7/31/2015	\$107,284
Enquist,Lynn W	CNV1002477	Grant	Neuronal Spread of Herpesvirus Infection	NIH NINDS	9/1/2013	5/31/2018	\$1,798,061
Gitai,Zemer	CNV1002479	Grant	Caulobacter Cell Shape and Cytoskeletal Regulation	NIH NIGMS	9/1/2013	5/31/2017	\$1,475,768
Cristea,Ileana M	CNV1002480	Grant	Direct and Quantitative Proteomic Approaches in Xenopus	Univ of No Carolina at Chapel Hill	8/1/2013	7/31/2015	\$190,884
Kang,Yibin	CNV1002482	Grant	BC123187: Organ-Tropic Metastatic Secretomes and Exosomes in Breast Cancer	Army Medical Rsrch Acquisition Activity	9/27/2013	9/26/2018	\$4,507,495
Kang,Yibin	CNV1002842	Grant	Cancer Institute of New Jersey Foundation: Translational Cancer Research Fellowship Program	Univ of Medicine & Dentistry of NJ	1/1/2013	12/31/2014	\$120,000
Wang,Samuel S	CNV1002854	Grant	System Biology of Autism: The Case for the Cerebellum	Children's Hospital Boston	12/1/2012	11/30/2015	\$495,000
Bassler,Bonnie L	CNV1002886	Grant	Manipulating Quorum Sensing System to Control Pathogenicity in Vibrio Cholerae	NIH NIDDK	9/16/2013	9/15/2019	\$285,612
Petry,Sabine	CNV1002889	Grant	Role and Mechanism of Microtubule Nucleation within the Mitotic Spindle	NIH NIGMS	9/20/2013	8/31/2016	\$778,049
Cristea,Ileana M	CNV1002898	Grant	Regulatory Mechanisms of Mitochondria Function by TRAP3 in B Lymphocytes and B Cell Malignancies	Rutgers University - New Brunswick	8/1/2013	7/31/2015	\$75,895
Devenport,Danelle	CNV1002902	Grant	Mechanisms Regulating Development of Planar Polarity	NJ Commission on Cancer Research	7/1/2013	8/31/2015	\$100,000
Silhavy,Thomas J	CNV1002910	Grant	Science by the Cup & A Tall Drink of Science	Amer Soc for Biochem and Molecular Bio	11/1/2013	10/31/2016	\$4,351
Schwarzbauer,Jean E	CNV1002930	Grant	CINJ: Flow Cytometry/Cell Sorting Shared Resource	Rutgers University - New Brunswick	3/1/2012	2/28/2016	\$66,030
Zakian,Virginia A	CNV1002931	Grant	Effects of PiF1 at G-quadruplexes in mitochondrial DNA	NJ Commission on Cancer Research	6/30/2012	12/31/2014	\$91,000
Ploss,Alexander	CNV1002934	Grant	In Vitro and in Vivo Characterization of Immune Interference in Compressed Dengue Vaccine Schedules	Cherokee Nation Technology Solutions	9/1/2013	8/31/2014	\$181,774

Molecular Biology (7)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Bassler,Bonnie L	CNV1002966	Grant	Host-microbial Inter-kingdom Quorum Sensing	Amer Assoc for the Advancement of Sci	2/1/2014	12/31/2015	\$60,000
Shenk,Thomas E	CNV1002967	Grant	Cell Surface Proteome of Monocytes Latently Infected with Human Cytomegalovirus	NIH NIAID	2/1/2014	1/31/2017	\$173,022
Gitai,Zemer	CNV1002968	Grant	Fluid Flow as a Driver of Bacterial Cell Division, Surface Motility, and Spreading	National Science Foundation	2/15/2014	1/31/2017	\$750,000
Zakian,Virginia A	CNV1002969	Grant	DNA Replication and Chromosome Structure in Yeast	NIH NIGMS	2/1/2014	12/31/2017	\$2,451,031
Cristea,Ileana M	CNV1002991	Grant	Delineating how Nuclear DNA Sensor IFI16 Confers HCMV Immunity using Proteomics	American Heart Association	1/1/2014	12/31/2015	\$46,000
Ploss,Alexander	CNV1002992	Grant	Transmitted/Founder HCV Clones as Targets for Treatment and Eradication	University of Pennsylvania	9/15/2013	8/31/2015	\$139,692
Wingreen,Ned S	CNV1003028	Grant	INSPIRE Track 1: Resolving and Optogenetically Perturbing Biofilms at the Single-Cell Level	National Science Foundation	3/15/2014	2/28/2018	\$1,000,000
Gammie,Alison Elizabeth	CNV1003047	Grant	2014 Summer Scholarships	Genentech, Inc.	5/1/2014	8/31/2014	\$16,000
Schedl,Paul D	CNV1003075	Grant	Unexpected Roles for BMP Signaling in the Specification of the Embryonic Germline	NIH NIGMS	4/11/2014	3/31/2018	\$1,213,282
Korennykh,Alexei V	CNV1003095	Grant	Structural and Functional Bases of Stress-Activated RNA Decay Mediated by RNase L	NIH NIGMS	5/1/2014	4/30/2019	\$1,496,563
Ploss,Alexander	CNV1003096	Grant	Dissecting Virus Neutralizing Determinants to Guide HCV Vaccine Development	Scripps Research Institute	3/1/2014	2/28/2015	\$156,692
Boulanger,Lisa M	CNV1003097	Grant	MHCI Molecules in Age-Related Synapse Loss at the Neuromuscular Junction	NIH NIA	3/15/2014	7/1/2015	\$61,173
Schupbach,Gertrud M	CNV1003139	Grant	Asteroid/ASTE1 is Required for Oocyte Determination and DNA Repair	American Cancer Society, Inc. (ACS)	7/1/2014	6/30/2017	\$163,500
Schupbach,Gertrud M	CNV1003140	Grant	HHMI Investigator Support for Graduate Student	Howard Hughes Medical Institute	7/1/2014	6/30/2015	\$75,720
Ploss,Alexander	CNV1003163	Grant	A Mouse Model for Human Malaria	Yale University	1/2/2014	10/31/2014	\$49,417
Schupbach,Gertrud M	CNV1003220	Grant	Characterization of Genes Required for Border Cell Migration in Drosophila	NIH NIGMS	7/1/2014	6/30/2016	\$85,796
Korennykh,Alexei V	CNV1003234	Grant	Systems Analysis of Pathogen Defense Mediated by 2',5'-linked isoRNA	The Burroughs Wellcome Fund	7/1/2014	6/30/2019	\$500,000
Ploss,Alexander	CNV1003250	Grant	Understanding Human Neutralizing Antibodies to Hepatitis C Virus	Scripps Research Institute	6/1/2014	5/31/2015	\$62,301

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Branker,Anthony D J	AWD1004171	Grant	PU Jazz Composers Collective Tour To Estonia	Embassy of the United States of America	10/22/2014	11/5/2014	\$1,890

Near Eastern Studies / NES Program

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Haykel,Bernard A	AWD1004107	Grant	IIE Scholar Rescue Fund Fellowship	Institute of International Education	10/1/2014	6/30/2015	\$25,000
Haykel,Bernard A	CNV1001095	Grant	A Political History of Saudi Arabia	Smith Richardson Foundation, Inc.	7/1/2010	1/31/2015	\$125,000
Hanioglu,M S	CNV1001224	Grant	National Resource Center and Foreign Language and Area Studies Fellowships Programs	U.S. Department of Education	8/15/2010	8/14/2014	\$694,731
Schayegh,Cyrus	AWD1004199	Grant	2014-2018 Princeton University National Resource Center and Foreign Language and Area Studies Fellowships Program	U.S. Department of Education	8/15/2014	8/14/2018	\$800,000

Operations Research and Financial Engineering

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Fan,Jianqing	AWD1004038	Grant	Collaborative Research: Interface of Probability and Statistics for High-dimensional Inference	National Science Foundation	8/1/2014	7/31/2018	\$400,000
Massey,William A	AWD1004054	Grant	Collaborative Research: Risk Management and Control of Dynamic Rate Queues for Healthcare and Transportation Services	National Science Foundation	9/1/2014	8/31/2017	\$200,000
Liu,Han	AWD1004097	Grant	RI: Medium: Collaborative Research: Next-Generation Statistical Optimization Methods for Big Data Computing	National Science Foundation	8/15/2014	7/31/2018	\$499,999
Liu,Han	AWD1004113	Grant	Preprocessing and Analysis Tools for Contemporary Microarray Applications	Harvard University	9/3/2013	8/31/2016	\$97,530
Powell,Warren B	AWD1004157	Contract	Optimal Adaptive Learning of Prices and Commitments for Hotel Resource Management	Yield Planet	9/1/2014	9/1/2016	\$127,525
Liu,Han	AWD1004184	Grant	Innovative Randomized Trial Designs to Generate Stronger Evidence	The Johns Hopkins University	3/1/2014	1/31/2016	\$61,343
Powell,Warren B	AWD1004201	Contract	Interactive Optimization of Dynamic, Multiattribute, Multilayered Resource Scheduling Problems using Informational Decomposition	YRC Worldwide Inc.	9/15/2014	9/14/2015	\$456,162
Massey,William A	AWD1004363	Grant	21st Conference for African American Researchers in the Mathematical Sciences (CAARMS21)	National Security Agency	3/27/2015	3/26/2016	\$25,000
Powell,Warren B	CNV1000104	Cooperative Agreement	Modeling Technologies for Dynamic Resource Management in Truckload Trucking	Schneider National, Inc.	8/1/2002	12/31/2017	\$1,078,723
Powell,Warren B	CNV1000213	Contract	Real-Time Optimization Models	United Parcel Service	4/1/2005	3/31/2015	\$1,852,136
Carmona,Rene A	CNV1000401	Grant	EMSW21-RTG: Training, Mentoring & Research in the Mathematics of Stochastic Analysis and Applications	National Science Foundation	2/15/2008	6/30/2015	\$2,293,770
Rudloff,Birgit	CNV1001207	Grant	Pricing, Hedging and Measuring Risk in Markets with Transaction Costs	National Science Foundation	9/15/2010	8/31/2014	\$180,000
Massey,William A	CNV1001320	Grant	Conference for African American Researchers in the Mathematical Sciences	National Science Foundation	3/1/2011	2/28/2016	\$114,405
Rigollet,Philippe	CNV1001342	Grant	CAREER: Large Scale Stochastic Optimization and Statistics	National Science Foundation	7/1/2011	1/31/2015	\$191,331
Powell,Warren B	CNV1001472	Grant	Scalable, Approximate Dynamic Programming Algorithms for High-dimensional Storage Portfolios	National Science Foundation	9/1/2011	8/31/2014	\$360,000
Fan,Jianqing	CNV1001522	Grant	Quantitative Methods for Genome-wide Analysis of Macrophage Activation by ESCs	NIH NIGMS	9/1/2011	5/31/2016	\$1,453,614
van Handel,Ramon	CNV1001743	Grant	CAREER: Conditional Theory of Large-Scale Stochastic Systems	National Science Foundation	7/1/2012	6/30/2017	\$400,000
Fan,Jianqing	CNV1001838	Grant	Statistical Inferences for Massive Data	National Science Foundation	6/1/2012	5/31/2017	\$600,000
Powell,Warren B	CNV1001848	Grant	Optimal Learning for Efficient Experimentation in Nanotechnology and Biochemistry	Air Force Office of Scientific Research	7/1/2012	9/30/2015	\$1,909,510

Operations Research and Financial Engineering (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Powell,Warren B	CNV1001972	Grant	Mid-Atlantic Offshore Wind Interconnection and Transmission	University of Delaware	9/30/2011	9/30/2014	\$94,278
Sircar,Kaushik R	CNV1002009	Grant	Mathematics of Energy Markets & Differential Games, Financialization of Commodities Markets, and Volatility & ETF Derivatives	National Science Foundation	9/1/2012	8/31/2016	\$235,663
Carmona,Rene A	CNV1002026	Grant	Mathematical Methods for the New Commodity & Environmental Markets	National Science Foundation	9/1/2012	8/31/2016	\$259,769
Vanderbei,Robert J	CNV1002155	Grant	Fast Fourier Optimization with Application to Antenna Array Control and High-Contrast Imaging	Office of Naval Research	1/1/2013	12/31/2016	\$541,565
Liu,Han	CNV1002157	Grant	Statistical and Computational Tools for Next-generation ChIP-seq Application	The Johns Hopkins University	9/12/2012	5/31/2015	\$117,670
Liu,Han	CNV1002858	Grant	III: Small: Nonparametric Structure Learning for Complex Scientific Datasets	National Science Foundation	9/1/2012	7/31/2015	\$407,185
Liu,Han	CNV1002976	Grant	Large-Scale Semiparametric Graphical Models with Applications to Neuroscience	NIH NIMH	2/1/2014	1/31/2019	\$1,844,591
van Handel,Ramon	CNV1002977	Grant	PECASE: Complex Phenomena in Stochastic Filtering	Army Research Office	2/12/2014	2/11/2019	\$1,000,000
Fan,Jianqing	CNV1003076	Grant	Statistical Methods for Ultrahigh-dimensional Biomedical Data	NIH NIGMS	4/1/2014	1/31/2018	\$1,194,980
Massey,William A	CNV1003151	Grant	Twentieth Conference for African American Researchers in the Mathematical Sciences (CAARMS20)	National Security Agency	4/22/2014	4/21/2015	\$25,000
Ahmadi,Amir A	CNV1003257	Grant	Scalable Algorithms with Formal Guarantees for Lyapunov Analysis of Control Systems via Algebraic Optimization	Air Force Office of Scientific Research	9/1/2014	8/31/2017	\$358,669

Office of Religious LifeACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Stout,Jeffrey L	AWD1004321	Grant	Specks of Dust: Documenting a Hero's Story and Sparking Humility in Audiences	Community Initiatives	6/1/2014	7/31/2015	\$9,491

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Knapp,Gillian R	AWD1004277	Grant	New Jersey Scholarship and Transformative Education in Prisons (NJ STEP)	Rutgers University - New Brunswick	9/1/2014	12/31/2014	\$8,000
Knapp,Gillian R	AWD1004283	Grant	New Jersey Scholarship and Transformative Education in Prisons (NJ STEP)	Rutgers University - New Brunswick	1/1/2015	6/30/2015	\$10,000

Papers of Thomas Jefferson

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
McClure,James P	CNV1003045	Grant	The Papers of Thomas Jefferson	Ntl Historical Pubs. and Records Comm	7/1/2014	6/30/2015	\$121,588

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Kelly,Thomas P	AWD1004010	Contract	Intellectual Humility, Dogmatism and Disagreement	Saint Louis University	6/1/2014	5/31/2015	\$100,000
McGrath,Sarah E	AWD1004015	Contract	Intellectual Humility, Moral Deference and Moral Expertise	Saint Louis University	6/1/2014	5/31/2015	\$100,000
Johnston,Mark	AWD1004407	Grant	Evaluating Transformative Experiences	University of Notre Dame	6/1/2015	8/31/2016	\$74,622
Leslie,Sarah-Jane	CNV1002057	Grant	The Development of Social Essentialism	New York University	8/15/2012	7/31/2016	\$80,103
Halvorson,Hans P	CNV1003208	Grant	Experimental Tests of Quantum Reality	University of Oxford	10/1/2013	9/30/2016	\$148,559

Physics

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Petta,Jason R	AWD1004051	Grant	Photon-emission from a Cavity-coupled Quantum Dot	National Science Foundation	8/1/2014	7/31/2017	\$420,000
Romalis,Michael V	AWD1004123	Grant	Precision Measurements with Nuclear Spins	National Science Foundation	9/1/2014	8/31/2017	\$480,303
Lisanti,Mariangela	AWD1004132	Grant	The LHC Theory Initiative	The Johns Hopkins University	9/1/2014	9/14/2015	\$106,869
Staggs,Suzanne T	AWD1004164	Grant	Advanced ACTPol	National Science Foundation	9/15/2014	8/31/2019	\$9,975,737
Romalis,Michael V	AWD1004228	Contract	Multipass RF Atomic Magnetometers	Niitek, Inc.	11/1/2014	10/31/2015	\$110,163
Ong,Nai P	AWD1004230	Grant	Gordon and Betty Moore Foundation EPIQS Investigator - ONG	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,800,089
Yazdani,Ali	AWD1004232	Grant	Gordon and Betty Moore Foundation EPIQS Investigator - YAZDANI	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,800,111
Petta,Jason R	AWD1004238	Grant	Gordon and Betty Moore Foundation EQiPS Investigator - PETTA	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,800,070
Hasan,M Z	AWD1004239	Grant	Gordon and Betty Moore Foundation EQiQS Investigator - HASAN	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,800,091
Romalis,Michael V	AWD1004287	Contract	A Universal, Low-Cost Atomic Magnetometer	Twinleaf LLC	10/1/2014	3/31/2016	\$559,818
Austin,Robert H	AWD1004309	Grant	Travel Support Request for Institute for Advanced Study Workshop on Physics Approach to Simplifying Complexity in Biology	National Science Foundation	3/15/2015	2/28/2017	\$36,000
Petta,Jason R	AWD1004360	Grant	SSQIP - Scalable Silicon-Based Quantum Information Processing	Army Research Office	6/1/2015	5/31/2019	\$7,490,254
Elmer,G J P	AWD1004396	Grant	Collaborative Research: SI2-SSI: Data-Intensive Analysis for High Energy Physics (DIANA/HEP)	National Science Foundation	5/1/2015	4/30/2019	\$1,145,564
Tully,Christopher G	CNV1000108	Contract	US CMS Hadron Calorimeter Subsystem	Fermi National Accelerator Laboratory	10/1/2002	12/31/2015	\$811,946
Hasan,M Z	CNV1000215	Grant	Synchrotron X-ray Based Electronic Structure Study of Correlated Quantum Materials and Topological Insulators	DOE - Chicago	5/1/2005	7/31/2018	\$3,738,949
Yazdani,Ali	CNV1000384	Grant	Probing Correlated Superconductors and their Phase Transitions on the Nanometer Scale	DOE - Washington	8/1/2007	7/31/2016	\$2,360,000
Tully,Christopher G	CNV1000470	Contract	US CMS Upgrade R&D M&O Subsystem for FY 2008 - Magnetic Testing	Fermi National Accelerator Laboratory	10/1/2007	12/31/2016	\$324,834
Petta,Jason R	CNV1000473	Grant	PECASE: Coherent Control of Single Spins in Semiconducting Nanowire	Army Research Office	6/1/2008	7/31/2015	\$1,119,500
Petta,Jason R	CNV1000629	Grant	Packard Fellowship - Quantum Mechanical Phenomena in Nanometer Scale Systems	The David and Lucile Packard Foundation	10/15/2008	10/15/2017	\$875,000
Jones,William C	CNV1000637	Contract	Planck HFI Sub-Award	Cal Tech - Jet Propulsion Lab (JPL)	12/12/2008	9/30/2015	\$566,047

Physics (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Petta,Jason R	CNV1000658	Grant	CAREER: Coupled Quantum Degrees of Freedom in Semiconductor Nanostructures	National Science Foundation	4/1/2009	3/31/2015	\$525,000
Calaprice, Frank P	CNV1000891	Grant	EAGER: Research and Development of Dark Matter Detectors for Borexino	National Science Foundation	10/1/2009	9/30/2015	\$240,000
Marlow, Daniel R	CNV1001076	Grant	ARRA: Exploring New Physics Beyond the Standard Model	DOE - Chicago	4/15/2010	4/14/2015	\$749,862
Sondhi, Shivaji L	CNV1001113	Grant	The Statistical Mechanics of Quantum Satisfiability	National Science Foundation	9/1/2010	8/31/2014	\$518,027
Puchalla, Jason L	CNV1001115	Grant	Mechanism of Protein Folding Intermediate Disaggregation by Molecular Chaperones	Texas A&M University	5/15/2010	3/31/2015	\$179,343
Jones, William C	CNV1001129	Grant	Probing Inflation and the Early Universe with Measurements of the Large Scale Polarization of the Cosmic Microwave Background Radiation	NASA Headquarters - Washington	9/1/2010	8/31/2014	\$90,000
Lieb, Elliott H	CNV1001143	Grant	The Quantum Mechanical Many-body Problem and Statistical Mechanics	National Science Foundation	7/15/2010	9/30/2014	\$511,455
Sondhi, Shivaji L	CNV1001156	Grant	Condensed Matter Systems with Emergent Gauge Fields	National Science Foundation	10/1/2010	9/30/2014	\$300,000
Page, Lyman A	CNV1001165	Grant	ACTPol: The Atacama Cosmology Telescope with Polarization.	National Science Foundation	9/15/2010	8/31/2016	\$9,400,000
Bernevig, Bogdan A	CNV1001175	Grant	CAREER: Emergent Phenomena in New Quantum Materials	National Science Foundation	8/15/2010	7/31/2016	\$450,000
Callan, Curtis G	CNV1001185	Grant	The Theoretical Physics of Biological Systems	National Science Foundation	9/1/2010	8/31/2014	\$900,000
Hasan, M Z	CNV1001189	Grant	Topological Electronic Structure in Strong Spin-orbit Coupled Materials	National Science Foundation	9/15/2010	8/31/2015	\$600,000
Galbiati, Cristiano	CNV1001217	Grant	Collaborative Research: A Depleted Argon Detector for a Dark Matter Search	National Science Foundation	10/1/2010	1/31/2015	\$5,997,400
Shaevitz, Joshua W	CNV1001241	Grant	Collaborative Research: PoLS Student Research Network	National Science Foundation	10/1/2010	9/30/2016	\$641,100
Jones, William C	CNV1001264	Grant	David and Lucille Packard Foundation - 2010	The David and Lucille Packard Foundation	10/15/2010	10/14/2017	\$875,000
McDonald, Kirk T	CNV1001354	Contract	Memorandum of Understanding Between Princeton University and Brookhaven National Laboratory	Brookhaven National Laboratory	4/11/2011	12/31/2016	\$298,100
Pretorius, Frans	CNV1001410	Grant	Probing Strong-field General Relativity with Gravitational Waves	NASA Headquarters - Washington	7/1/2011	6/30/2015	\$430,437
Bernevig, Bogdan A	CNV1001422	Grant	New Topological Insulators with Point Group Symmetry	Office of Naval Research	4/1/2011	3/31/2016	\$538,086
Yazdani, Ali	CNV1001430	Grant	Probing the Influence of Magnetism and Superconductivity on Topological Insulators & their Surface States	National Science Foundation	7/1/2011	6/30/2016	\$540,000

Physics (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Yazdani,Ali	CNV1001462	Grant	Nanoscale Measurements of Magnetism & Spin Coherence in Semiconductors	Army Research Office	8/1/2011	7/31/2015	\$402,903
Staggs,Suzanne T	CNV1001476	Grant	Detector Development for Polarization Studies of the Cosmic Microwave Background	NASA Headquarters - Washington	8/1/2011	7/31/2015	\$262,096
McDonald,Kirk T	CNV1001485	Contract	Univ. Subcontract - - Princeton (MAP)	Fermi National Accelerator Laboratory	9/1/2011	9/30/2016	\$142,100
Calaprice, Frank Paul	CNV1001497	Grant	Particle Astrophysics at Princeton: Solar Neutrino and Dark Matter Studies with Borexino and DarkSide	National Science Foundation	9/1/2011	8/31/2016	\$3,141,472
Austin,Robert H	CNV1001513	Contract	PolyNano	Danish Technical University	7/18/2011	7/31/2016	\$51,228
Aizenman,Michael	CNV1001528	Grant	Fluctuations, Resonances, and Critical Phenomena	National Science Foundation	9/1/2011	8/31/2014	\$573,000
Bernevig,Bogdan A	CNV1001590	Grant	Emergent Topological Phases of Matter	The David and Lucile Packard Foundation	10/14/2011	10/13/2016	\$787,500
Marlow,Daniel R	CNV1001655	Cooperative Agreement	U.S. CMS Operations at the LHC	National Science Foundation	1/1/2012	12/31/2016	\$50,000,000
Jones,William C	CNV1001829	Grant	Spider: Probing Inflation with a Large Angular Scale Millimeter-wave Polarimeter	NASA Headquarters - Washington	5/15/2012	5/14/2017	\$7,386,995
Page,Lyman A	CNV1001843	Grant	Gravitational Physics from the Cosmic Microwave Background	National Science Foundation	6/15/2012	5/31/2016	\$2,190,000
Romalis,Michael V	CNV1001904	Grant	Test of Lorentz Invariance at the South Pole	National Science Foundation	8/1/2012	7/31/2015	\$559,974
Marlow,Daniel R	CNV1001914	Grant	High Energy Physics	DOE - Chicago	6/1/2012	3/31/2018	\$12,027,000
Staggs,Suzanne T	CNV1001945	Grant	Developing Polarization Sensitive Detectors for Cosmic Microwave Background Research (Sara Simon)	NASA Headquarters - Washington	8/1/2012	7/31/2016	\$274,420
Pretorius,Frans	CNV1001974	Grant	Simons Investigator - Frans Pretorius	The Simons Foundation	8/1/2012	7/31/2017	\$660,000
Galbiati,Cristiano	CNV1002010	Grant	Collaborative Research: R & D Toward DarkSide-G2, a Second-Generation Direct Search for Dark Matter	National Science Foundation	9/1/2012	8/31/2016	\$2,839,083
Calaprice, Frank P	CNV1002034	Grant	Development of Low Background Sodium Iodide Scintillation Detectors for Dark Matter Research	National Science Foundation	9/15/2012	8/31/2016	\$806,263
Yazdani,Ali	CNV1002110	Grant	Single Donor Spin Detection and Probing Spin - Spin Interaction in Silicon on the Atomic Scale	Army Research Office	10/1/2012	9/30/2016	\$621,705
Romalis,Michael V	CNV1002160	Grant	Flexible Magnetoencephalography with Atomic Magnetometer Arrays	Defense Advanced Research Projects Agency	1/1/2013	12/31/2014	\$500,000
Romalis,Michael V	CNV1002604	Contract	Fabrication of Multi-pass Cells for RF Magnetometer	Niitek, Inc.	6/1/2013	10/1/2014	\$105,989

Physics (4)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Gregor,Thomas	CNV1002606	Grant	Burroughs Wellcome Fund: Career Award at the Scientific Interface - #1011880	The Burroughs Wellcome Fund	7/1/2013	12/31/2014	\$105,000
Huse,David A	CNV1002608	Grant	Quantum Phases of Matter in Optical Lattices	Rice University	11/15/2012	12/31/2014	\$184,000
McDonald,Kirk T	CNV1002609	Contract	Cathode Plane Assembly (CPA) Design for the LBNE Time Projection Chamber (TPC)	Brookhaven National Laboratory	1/1/2013	9/30/2016	\$287,466
Stickland,David P	CNV1002610	Grant	Online Luminosity Measurement at CMS for Energy Frontier Physics after LS1	DOE - Chicago	5/1/2013	3/31/2015	\$90,000
Meyers,Peter D	CNV1002611	Contract	DarkSide G-2 Research & Development	Fermi National Accelerator Laboratory	4/1/2013	12/31/2015	\$200,000
Meyers,Peter D	CNV1002613	Contract	DarkSide-50 DOE Commissioning/Operations	Fermi National Accelerator Laboratory	4/1/2013	11/30/2015	\$95,000
Romalis,Michael V	CNV1002614	Grant	Low Drift Nuclear Spin Gyro and Magnetic-Optical Accelerometer	Air Force Research Laboratory (WPAFB)	4/1/2013	4/30/2016	\$1,936,954
Klebanov,Igor R	CNV1002617	Grant	Theoretical Physics	National Science Foundation	9/15/2013	8/31/2016	\$1,230,000
Yazdani,Ali	CNV1002618	Grant	Atomic Scale Engineering of Majorana Fermions in Chains of Magnetic Atoms on Superconductors	Office of Naval Research	7/15/2013	7/14/2016	\$518,783
Pretorius,Frans	CNV1002619	Grant	Dynamical, Strong-Field Gravity	National Science Foundation	7/15/2013	6/30/2016	\$640,000
Romalis,Michael V	CNV1002620	Contract	A Universal, Low-Cost Atomic Magnetometer	Twinleaf LLC	7/1/2013	10/31/2014	\$49,986
Romalis,Michael V	CNV1002622	Contract	Atomic Magnetometers Enabling Breakthrough Nuclear Quadrupole Resonance Detection of Explosives	Niitek, Inc.	6/1/2013	3/30/2015	\$183,337
Giombi,Simone	CNV1002623	Grant	Research in the Gauge/Gravity Duality	National Science Foundation	9/1/2013	8/31/2016	\$150,000
Sondhi,Shivaji L	CNV1002624	Grant	Studies of Topological Order and Real Time Dynamics	National Science Foundation	10/1/2013	9/30/2016	\$276,000
Callan,Curtis G	CNV1002625	Grant	Theoretical Physics of Biological Systems	National Science Foundation	9/15/2013	8/31/2016	\$870,000
Lieb,Elliott H	CNV1002626	Grant	The Quantum Mechanical Many-body Problem and Statistical Mechanics	National Science Foundation	9/1/2013	8/31/2016	\$465,000
Sondhi,Shivaji L	CNV1002866	Grant	Quantum Hardness	The John Templeton Foundation	2/1/2013	7/31/2015	\$181,663
Tully,Christopher G	CNV1003032	Grant	GPU/MIC Acceleration of the HLT to Extend the Physics Reach at the LHC	DOE - Chicago	4/15/2014	4/15/2015	\$135,000
Tully,Christopher G	CNV1003083	Contract	LHC CMS Detector Upgrade HCAL Subsystem for Year 2014	Fermi National Accelerator Laboratory	10/1/2013	9/30/2016	\$20,392
Tully,Christopher G	CNV1003085	Grant	NASA Aeronautics Scholarship Program - Mark Stone	NASA Ames Research Center	2/20/2014	8/31/2015	\$22,500
Bakr,Waseem S	CNV1003135	Grant	Alfred P. Sloan Research Fellowship for Dr. Waseem Bakr in Physics	Alfred P. Sloan Foundation	9/15/2014	9/15/2016	\$50,000

Physics (5)ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Galbiati,Cristiano	CNV1003209	Grant	Collaborative Research:Direct Search for Dark Matter with Underground Argon at LNGS	National Science Foundation	6/15/2014	5/31/2017	\$2,403,000
Klebanov,Igor R	CNV1003238	Grant	Marie Curie: Exact Results in Gauge Theory and Beyond (Filippo Passerini)	Centre Ntl de la Recherche Scientifique	10/1/2013	3/31/2015	\$10,482
Pufu,Silviu S	CNV1003239	Grant	Quantum Field Theory and String Theory	National Science Foundation	7/1/2014	6/30/2017	\$150,000

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Keohane,Robert O	AWD1004112	Grant	Doctoral Dissertation: Explaining Variation in Advocacy Efforts by International Nongovernmental Organizations	National Science Foundation	8/1/2014	7/31/2016	\$31,979
George,Robert P	AWD1004165	Grant	Application for Support: James Madison Program in American Ideals and Institutions	The William H. Donner Foundation, Inc.	9/1/2014	8/31/2016	\$21,500
George,Robert P	AWD1004188	Grant	James Madison Program in American Ideals and Institutions	Earhart Foundation	9/1/2014	6/30/2015	\$130,000
George,Robert P	AWD1004207	Grant	James Madison Program in American Ideals and Institutions	Donner Canadian Foundation	9/1/2014	8/31/2015	\$20,189
George,Robert P	AWD1004211	Grant	General Operating Support for the James Madison Program	The Purchase Fund	7/1/2014	6/30/2015	\$25,000
George,Robert P	AWD1004252	Grant	JMP in American Ideals and Institutions	The Lynde and Harry Bradley Fdn., Inc.	11/11/2014	11/10/2015	\$75,000
George,Robert P	AWD1004272	Grant	"Law and the Culture of Liberty" Conference Support May 18-19, 2015	Earhart Foundation	1/1/2015	8/31/2015	\$30,000
George,Robert P	CNV1000829	Grant	James Madison Program	Fidelity Charitable Gift Fund	7/1/2009	8/31/2018	\$156,075
George,Robert P	CNV1001318	Grant	Thomas W. Smith Postdoctoral Fellows	The Thomas W. Smith Foundation	8/1/2011	6/30/2017	\$450,000
Iaryczower,Matias	CNV1001365	Grant	Collaborative Research: Empirical Analyses of Committee Voting	National Science Foundation	7/1/2011	6/30/2015	\$94,576
Greenstein,Fred I	CNV1001585	Grant	Failed and Successful Presidents from George Washington to Barack Obama	The Andrew W. Mellon Foundation	9/23/2011	9/30/2014	\$30,016
McCarty,Nolan M	CNV1001729	Grant	The Political Economy of Public Pension Funding	Russell Sage Foundation	3/1/2012	2/28/2015	\$111,471
Gilens,Martin I	CNV1001882	Grant	Representational Inequality and Campaign Finance Regulation in the United States	Russell Sage Foundation	7/1/2012	2/28/2015	\$80,053
Imai,Kosuke	CNV1001995	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	8/15/2012	7/31/2015	\$17,640
George,Robert P	CNV1002627	Grant	James Madison Program in American Ideals and Institutions	The Lynde and Harry Bradley Fdn., Inc.	9/4/2013	9/3/2014	\$65,000
Jamal,Amaney A	CNV1002628	Grant	The Arab Barometer Project: Third Wave	U.S. Institute of Peace	7/1/2013	6/30/2015	\$120,000
Imai,Kosuke	CNV1002832	Grant	Doctoral Dissertation Research in Political Science: Open Trade for Sale: Lobbying by Productive Exporting Firms	National Science Foundation	3/15/2013	2/28/2015	\$22,540
George,Robert P	CNV1002921	Grant	Proposal to the Bradley Foundation for General Operating Support	The Lynde and Harry Bradley Fdn., Inc.	1/8/2014	1/7/2015	\$75,000

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
McCarty,Nolan M	CNV1002949	Grant	Polarization, Partisanship, and Electoral Reform of American State Legislatures	The Laura and John Arnold Foundation	12/1/2013	12/31/2015	\$157,856
Jamal,Amaney A	CNV1002981	Grant	Collaborative Research: Experimental Research on Religious Scripture and Political Behavior in the Muslim World	National Science Foundation	2/1/2014	1/31/2017	\$324,692
George,Robert P	CNV1003044	Grant	Thomas W. Smith Postdoctoral Fellows	The Thomas W. Smith Foundation	8/1/2014	7/31/2017	\$450,000

Princeton Environmental Institute (PEI)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Sarmiento,Jorge L	AWD1004066	Grant	Southern Ocean Carbon and Climate Observations and Modeling SOCCOM	National Science Foundation	9/1/2014	8/31/2020	\$11,598,634
Caylor,Kelly K	AWD1004070	Grant	WSC-Category 2 Collaborative: Impacts of Agricultural Decision Making and Adaptive Management on Food Security in Africa	National Science Foundation	9/1/2014	8/31/2019	\$1,929,565
Caylor,Kelly K	AWD1004295	Grant	I-Corps: Pulsepod: Bringing the Cloud Down to Earth	National Science Foundation	2/1/2015	1/31/2016	\$50,000
Estes,Lyndon D	AWD1004303	Grant	Integrating Crowdsourcing, in Situ Sensing, and Spaceborne Observation to Understand the Sustainability of Smallholder Agriculture in African Wet Savannas	NASA Headquarters - Washington	1/1/2015	12/31/2017	\$107,665
Pacala,Stephen W	CNV1000015	Contract	A Carbon Mitigation Initiative at Princeton University	BP International Limited	10/1/2000	12/31/2016	\$31,702,430
Morel-Kraepiel,Anne M	CNV1001158	Grant	Collaborative Research: Acquisition of Nitrogenase Metal Cofactors in Soils: Role of Metallophores and Limitation of N2-fixation	National Science Foundation	9/1/2010	8/31/2014	\$338,809
Laxminarayan,Ramanan	CNV1001295	Grant	The Economic Impact of Foundation Giving	Robert Wood Johnson Foundation	12/15/2010	12/14/2015	\$800,000
Pacala,Stephen W	CNV1001373	Grant	Understanding Coupling between Biogeochemical Cycling and Climate Change in Northern Ecosystems: Historical Analysis and future projections with GFDL	U.S. Dept of Agriculture	7/1/2011	6/30/2016	\$900,000
Levin,Simon A	CNV1001496	Grant	Coordination and Collective Decision-making	Army Research Office	8/17/2011	5/15/2015	\$360,000
Searchinger,Timothy D	CNV1001737	Grant	World Resources Report 2012-2013: Food Futures: Feeding Nine Billion People while Sustaining Ecosystem Services in a Changing Climate	World Resources Institute	2/1/2012	12/31/2014	\$104,400
Grenfell,Bryan T	CNV1002050	Contract	Disease in Motion: Integrating Epidemic and Social Dynamics in the Control of Infectious Agents	U.S. Department of Homeland Security	9/24/2012	9/23/2015	\$683,863
Pacala,Stephen W	CNV1002685	Cooperative Agreement	A Decision-support System for Managing the Carbon Cycle Under a Changing Climate	U.S. Dept of Agriculture	7/29/2013	7/18/2018	\$117,000
Grenfell,Bryan T	CNV1002687	Grant	Application of Epidemiological Models to Guide and Evaluate Control of Vaccine-preventable Infections	Bill & Melinda Gates Foundation	7/10/2013	6/30/2017	\$1,300,328
Morel,Francois M M	CNV1002690	Grant	Ocean Acidification: The Effect of Ocean Acidification on the Availability of Trace Metals to Phytoplankton	National Science Foundation	7/1/2013	6/30/2016	\$494,404

Princeton Environmental Institute (PEI) (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Hedin,Lars O	CNV1002691	Contract	Controls Regulating Biological Nitrogen Fixation in Longleaf Pine Ecosystems: The Role of Fire and Military Training	University of Georgia	4/19/2013	4/18/2018	\$68,387
Estes,Lyndon D	CNV1002900	Contract	Adding Precision to Agricultural Practice Through Simultaneous Chlorophyll Fluorescence and Thermal Infrared Observations	Cal Tech - Jet Propulsion Lab (JPL)	10/22/2013	9/28/2014	\$40,070
Pacala,Stephen W	CNV1003145	Grant	Collaborative Research: Extreme Events and Ecological Acclimation: Scaling from Cells to Ecosystems	National Science Foundation	6/1/2014	5/31/2016	\$205,482

Princeton Institute for Computational Science and Engineering (PICSciE)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Rexford,Jennifer L	AWD1004103	Grant	CC*IIE Engineer: A Software-Defined Campus Network for Big-Data Sciences	National Science Foundation	9/1/2014	8/31/2016	\$399,776
Tang,William M	AWD1004460	Grant	Performance Evaluation for PIC Algorithms on the ALCF BG-Q System	Argonne National Laboratory	6/5/2015	4/4/2016	\$101,452
Tang,William M	AWD1004566	Grant	Leadership Class Scientific and Engineering Computing: Breaking Through the Limits (Award # 0725070)	University of Illinois at Chicago	2/1/2015	1/31/2017	\$300,107
Tang,William M	CNV1001329	Grant	G8 Initiative: G8 Research Councils Initiative on Multilateral Research Funding	National Science Foundation	3/1/2011	2/28/2015	\$469,246
Tromp,Jeroen	CNV1001379	Grant	G8 Initiative: Modeling Earthquakes and Earth's Interior Based upon Exascale Simulations of Seismic Wave Propagation	National Science Foundation	3/1/2011	1/31/2015	\$499,796
August,David I	CNV1001976	Grant	II-New: A Platform for Data-Parallel GPU Computing at Princeton	National Science Foundation	9/1/2012	8/31/2015	\$350,000
Hillegas,Curtis W	CNV1002037	Grant	MRI: Acquisition of a Shared Parallel High Performance Storage System to Enable Computational Science and Engineering	National Science Foundation	10/1/2012	9/30/2015	\$525,000
Tang,William M	CNV1003092	Grant	Partnership for Edge Physics Simulation (EPSI)	Calif Inst of Technology (Cal Tech)	11/1/2013	7/31/2014	\$46,099

Princeton Institute for International and Regional Studies (PIIRS)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Adelman,Jeremy I	AWD1004004	Grant	John E. Sawyer Seminar on the Comparative Study of Cultures: Imperial Histories and Global Regimes	The Andrew W. Mellon Foundation	7/1/2014	8/31/2016	\$175,054
Beissinger,Mark R	AWD1004269	Grant	The Prophet and the Party: Shari'a, Islam, and Sectarian Authority in China	Smith Richardson Foundation, Inc.	11/15/2014	11/15/2015	\$60,000

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7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Brody, Carlos D	AWD1004020	Grant	Relating Dynamic Cognitive Variables to Neural Population Activity	The Simons Foundation	7/1/2014	6/30/2017	\$540,000
Tank, David W	AWD1004022	Grant	Neural Circuit Dynamics During Cognition	The Simons Foundation	7/1/2014	6/30/2017	\$1,500,000
Witten, Ilana B	AWD1004030	Grant	Deconstructing Working Memory: Dopamine Neurons and their Target Circuits	McKnight Endowment Fund for Neuroscience	7/1/2014	6/30/2017	\$225,000
Wang, Samuel S	AWD1004042	Grant	Imaging Adaptive Cerebellar Processing at Cellular Resolution in Awake Mice	NIH NINDS	9/1/2014	5/31/2019	\$2,141,075
Seung, Hyunjune S	AWD1004058	Grant	Frontiers in Human Brain Mapping: Imaging, Big Data, and Computation	Army Research Office	8/1/2014	7/31/2015	\$29,997
Berry, Michael J	AWD1004115	Grant	Neurotechnologies for Analysis of Network Dynamics	NIH NIMH	9/1/2014	8/31/2019	\$807,375
Murthy, Mala	AWD1004116	Grant	BRAIN EAGER: Closing the Loop on Social Behaviors, From Mathematical Models to Neural Circuit Dynamics	National Science Foundation	12/1/2014	11/30/2016	\$300,000
Brody, Carlos D	AWD1004118	Grant	Swartz Initiative in Theoretical Neuroscience	The Swartz Foundation	8/1/2014	7/31/2015	\$120,000
Brody, Carlos D	AWD1004119	Grant	Swartz Initiative in Theoretical Neuroscience	The Swartz Foundation	8/1/2014	7/31/2015	\$15,000
Hasson, Uri	AWD1004134	Grant	Topographic Mapping of a Hierarchy of Temporal Receptive Windows using Natural Stimuli- Admin. Supp.	NIH NIMH	1/1/2014	12/31/2015	\$26,684
Buschman, Timothy J	AWD1004142	Grant	Identifying the Neural Mechanisms allowing Compression (Chunking) of Working Memory Contents	Office of Naval Research	6/1/2014	9/30/2017	\$1,582,838
Todorov, Alexander T	AWD1004143	Grant	From Statistical Learning and Social Face Preferences	U.S.-Israel Binational Science Fdn.	9/1/2014	8/31/2018	\$102,305
Murthy, Mala	AWD1004170	Grant	How Does the Brain Solve the Pattern Recognition Problem?	NIH NINDS	9/30/2014	8/31/2019	\$2,430,000
Buschman, Timothy J	AWD1004196	Grant	Developing an Adaptive Cognitive Prosthetic to Replace Damaged Brain Regions	NIH NEI	9/30/2014	8/31/2019	\$2,430,000
Berry, Michael J	AWD1004205	Contract	Multi-Electrode Array (MEA) Studies of Channelrhodopsin Expression in Mouse Retinal Ganglion Cells	RetroSense Therapeutics	11/1/2014	7/31/2015	\$28,820
Pillow, Jonathan W	AWD1004236	Grant	Deciphering Cortical Representations at the Level of Spikes, Currents, and Conductances	McKnight Endowment Fund for Neuroscience	7/1/2014	6/30/2016	\$169,873
Brody, Carlos D	AWD1004240	Grant	Mechanisms of Neural Circuit Dynamics in Working Memory	NIH NINDS	9/30/2014	7/31/2017	\$2,088,980
Seung, Hyunjune S	AWD1004256	Grant	Vertically Integrated Approach to Visual Neuroscience: Microcircuits to Behavior	NIH NINDS	9/30/2014	7/31/2017	\$1,266,225
Witten, Ilana B	AWD1004262	Grant	Dopamine, Working Memory, and Schizophrenia: Dissecting Spatial and Temporal Patterns	Brain and Behavior Research Foundation	1/15/2015	1/14/2017	\$65,000

Princeton Neuroscience Institute (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Buschman,Timothy J	AWD1004280	Grant	Mechanisms of Priority Negotiation in the Allocation of Attention	Brain and Behavior Research Foundation	1/15/2015	1/14/2017	\$65,000
Wang,Samuel S	AWD1004300	Grant	Transcending Dynamic and Kinetic Limits for Neuronal Calcium Sensing	NIH NINDS	2/1/2015	1/31/2017	\$445,500
Cohen,Jonathan D	AWD1004334	Grant	Rita Allen Foundation Support for PNI	Rita Allen Foundation, Inc.	1/1/2014	6/30/2016	\$10,000
Pillow,Jonathan W	AWD1004351	Grant	Population Dynamics Across Pairs of Cortical Areas in Learning and Behavior	The Simons Foundation	1/1/2015	12/31/2017	\$270,000
Cohen,Jonathan D	AWD1004372	Grant	Decoding Mental Representations of Cognitive Control from Brain Imaging Data	Intel Corporation	1/5/2015	1/5/2018	\$2,041,200
Tank,David W	AWD1004420	Grant	Optimization of 3-photon Microscopy for Large Scale Recording in Mouse Brain	Cornell University	9/30/2014	7/31/2017	\$152,764
Norman,Kenneth A	AWD1004450	Contract	Manipulating and Classifying Memory Processing during Sleep	Northwestern University	4/1/2015	3/31/2018	\$217,305
Pillow,Jonathan W	AWD1004667	Grant	CAREER: Unlocking the Neural Code with Spikes, Currents and Conductances	National Science Foundation	6/1/2015	8/31/2017	\$274,483
Pillow,Jonathan W	AWD1004668	Grant	CRCNS Detailed Multi-Neuron Coding of Decisions in Parietal Cortex	University of Texas at Austin	5/1/2015	4/30/2016	\$82,862
Seung,Hyunjune S	AWD1004674	Grant	Imaging How a Neuron Computes	The Trustees of Columbia University	10/1/2014	12/31/2015	\$74,195
Seung,Hyunjune S	AWD1004682	Grant	High Resolution Connectomics of Mammalian Neural Circuits	Harvard University	6/1/2015	5/31/2016	\$168,983
Boulanger,Lisa M	AWD1004708	Grant	SCI-induced Denervation of the Diaphragm: Regulation by MHC1 Immune Proteins	NJ Commission on Spinal Cord Research	6/29/2015	6/30/2017	\$200,000
Berry,Michael J	CNV1000390	Grant	Complex Pattern Detection in the Retina	NIH NEI	9/30/2007	8/31/2014	\$1,886,506
Brody,Carlos D	CNV1000536	Grant	HHMI Support for Carlos Brody	Howard Hughes Medical Institute	7/1/2008	8/31/2018	\$419,748
Norman,Kenneth A	CNV1000820	Grant	Computational Neural and Behavioral Studies of Competition-Dependent Learning	NIH NIMH	8/7/2009	10/31/2015	\$1,919,357
Niv,Yael	CNV1001084	Grant	Alfred P. Sloan Research Fellowship - Yael Niv	Alfred P. Sloan Foundation	9/15/2010	9/15/2014	\$50,000
Norman,Kenneth A	CNV1001163	Grant	Text, Neuroimaging, and Memory: Unified Models of Corpora and Cognition	National Science Foundation	8/1/2010	12/31/2015	\$732,296
Berry,Michael J	CNV1001187	Grant	Microfabricated Patch Clamp Micropipette	McKnight Endowment Fund for Neuroscience	8/1/2010	7/31/2014	\$160,000
Murthy,Mala	CNV1001325	Grant	CAREER: Neural Mechanisms for Acoustic Communication in Drosophila	National Science Foundation	3/1/2011	2/29/2016	\$668,000
Hasson,Uri	CNV1001412	Grant	Topographic Mapping of a Hierarchy of Temporal Receptive Windows Using Natural Stimuli	NIH NIMH	7/7/2011	3/31/2016	\$1,962,260

Princeton Neuroscience Institute (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Murthy,Mala	CNV1001421	Grant	From Genes to Circuits: The Evolution of Species-specific Communication in Drosophila	Human Frontier Science Prog Org (HFSP)	6/1/2011	5/31/2015	\$337,426
Turk-Browne,Nicholas B	CNV1001458	Grant	Neural and Behavioral Interactions Between Attention, Perception, and Learning	NIH NEI	8/1/2011	7/31/2016	\$1,751,763
Turk-Browne,Nicholas B	CNV1001516	Grant	Guidance of Attention from Plasticity in Ventral Visual Cortex	NIH NEI	9/30/2011	9/29/2014	\$147,750
Niv,Yael	CNV1001517	Grant	Interactions Between Learning and Attention Across the Lifespan	Ellison Medical Foundation	10/1/2011	8/31/2016	\$400,000
Tank,David W	CNV1001634	Grant	Biophysics and Computation in Neurons and Networks	The Burroughs Wellcome Fund	1/1/2012	12/31/2014	\$400,000
Tank,David W	CNV1001702	Grant	Cortical Inputs Mediating Hippocampal Remapping During Navigation in Virtual Reality	Helen Hay Whitney Foundation	4/1/2012	3/31/2015	\$154,500
Osherson,Daniel N	CNV1001711	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	2/1/2012	12/1/2014	\$342,282
Wang,Samuel S	CNV1001874	Grant	A Computational Study of TBI Induced Cerebellar Damage	NJ Commission on Brain Injury Research	6/1/2012	5/31/2016	\$225,936
Murthy,Mala	CNV1001896	Grant	Neural Mechanisms Underlying Acoustic Communication	Esther A. & Joseph Klingenstein Fund	6/1/2012	5/31/2015	\$150,000
Murthy,Mala	CNV1001903	Grant	Neural Mechanisms Underlying Acoustic Communication in Drosophila	McKnight Endowment Fund for Neuroscience	7/1/2012	6/30/2016	\$225,000
Wang,Samuel S	CNV1001969	Grant	Transcending the Dynamic Limits of Genetically Encodable Calcium Indicators	McKnight Endowment Fund for Neuroscience	8/1/2012	7/31/2016	\$150,000
Cohen,Jonathan D	CNV1001981	Grant	MRI: Acquisition of High Performance Compute Cluster for Multivariate Real-time and Whole-brain Correlation Analysis of fMRI Data	National Science Foundation	8/15/2012	7/31/2015	\$527,978
Kastner,Sabine	CNV1002039	Grant	Functions of the Thalamus in Perception and Cognition	NIH NEI	9/1/2012	8/31/2016	\$1,696,067
Niv,Yael	CNV1002040	Grant	Neural and Computational Mechanisms of Selective Attention in Decision Making	NIH NIMH	9/18/2012	7/31/2016	\$1,066,854
Botvinick,Matthew M	CNV1002045	Grant	The Intrinsic Cost of Cognitive Control: Neural Foundations and Behavioral Impact	NIH NIMH	9/18/2012	7/31/2016	\$1,063,610
Tank,David W	CNV1002053	Grant	Examining the Integration of Inputs by the Subiculum During Virtual Navigation	NIH NINDS	9/24/2012	9/23/2015	\$174,402
Cohen,Jonathan D	CNV1002088	Grant	Toward a Scientific Understanding of the Human Capacity for Cognitive Control	The John Templeton Foundation	8/1/2012	7/31/2015	\$3,986,094

Princeton Neuroscience Institute (4)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Botvinick,Matthew M	CNV1002128	Grant	CRCNS: Collaborative Research: Neural Correlates of Hierarchical Reinforcement Learning	National Science Foundation	10/1/2012	9/30/2015	\$564,649
Niv,Yael	CNV1002140	Grant	The Striatal Cholinergic System and Attention for Learning: from Neurotransmission to Personality	Human Frontier Science Prog Org (HFSP0)	10/1/2012	9/30/2016	\$450,000
Hasson,Uri	CNV1002145	Contract	A Cognitive Capture System for Tracking and Modeling Neural Synchrony	Neuromatters, LLC	10/9/2012	1/23/2015	\$475,000
Kastner,Sabine	CNV1002149	Grant	Top-down and Bottom-up Processes of Scene Categorization	NIH NEI	1/1/2013	12/31/2015	\$158,538
Brody,Carlos D	CNV1002478	Grant	Imaging Neural Activity in the Rat Frontal Cortex during Short-Term Memory	NIH NINDS	9/1/2013	8/31/2015	\$109,884
Witten,Ilana B	CNV1002704	Grant	Neuromodulatory Mechanisms Underlying Learning and Working Memory	Alfred P. Sloan Foundation	9/15/2013	9/15/2015	\$50,000
Witten,Ilana B	CNV1002705	Grant	Unraveling the Neuromodulatory Control of Working Memory	The Pew Charitable Trusts	8/1/2013	7/31/2018	\$240,000
Kastner,Sabine	CNV1002706	Grant	Neural Correlates of Spatial and Object-based Selection	NIH NEI	6/1/2013	5/31/2016	\$165,246
Buschman,Timothy J	CNV1002709	Grant	Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	NIH NIMH	8/1/2013	5/31/2016	\$749,697
Turk-Browne,Nicholas B	CNV1002714	Grant	Plasticity from Predictive Coding of Object States in Visual Cortex	NIH NEI	8/15/2013	8/14/2016	\$158,538
Cohen,Jonathan D	CNV1002715	Grant	NRSA Training Grant in Quantitative Neuroscience	NIH NIMH	8/1/2013	7/31/2018	\$392,951
Kastner,Sabine	CNV1002717	Grant	Attentional Selection from Natural Scenes	National Science Foundation	9/1/2013	6/30/2017	\$528,841
Hanks,Timothy D	CNV1002912	Grant	Testing the Roles of Rat Parietal and Frontal Cortices in a Sensory Decision Task	NIH NIMH	12/1/2013	11/30/2016	\$171,870
Gould,Elizabeth	CNV1002984	Grant	Microglia in Obesity-induced Synapse Loss and Cognitive Decline	NIH NINDS	2/1/2014	1/31/2017	\$442,750
Niv,Yael	CNV1003070	Grant	The Computational and Neural Basis of Reinforcement Learning in Multidimensional Environments	Army Research Office	3/17/2014	3/16/2019	\$984,432
Tank,David W	CNV1003072	Grant	Imaging Neural Dynamics During Working Memory in Rats	Helen Hay Whitney Foundation	4/1/2014	3/31/2017	\$158,500
Berry,Michael J	CNV1003093	Grant	Neurotechnologies for Analysis of Neural Dynamics	The Burroughs Wellcome Fund	1/1/2014	12/31/2016	\$200,000
Botvinick,Matthew M	CNV1003215	Grant	"MACKEREL: A Modern Approach to Compositional Knowledge Employment and Representation, Enabled by Learning"	Siemens Corporate Research, Inc.	11/4/2013	3/31/2016	\$556,770
Kastner,Sabine	CNV1003216	Grant	Attention Network Dynamics in the Primate Brain	NIH NEI	4/1/2014	3/31/2016	\$453,912
Tank,David W	CNV1003243	Grant	Probing Neural Circuit Dynamics at Cellular Resolution During Virtual Navigation	NIH NIMH	7/1/2014	6/30/2019	\$1,999,319

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Yazdani,Ali	AWD1004028	Grant	Conference on the Physics of Majorana Fermions and Topological Superconductivity	Office of Naval Research	6/1/2014	6/30/2015	\$20,000
Sturm,James Christopher	AWD1004056	Contract	Manipulation of Biological Particles by Deterministic Lateral Displacement: Fundamental Demonstrations and Practical Conditions	GPB Scientific, LLC	4/1/2014	12/31/2016	\$375,000
Chou,Stephen Y	AWD1004057	Grant	SNM: Scalable Volume-NanoManufacturing of Unique Nanoparticles by Nano-templated Printing, Deposition, and Exfoliation for Energy and Bio/Chemical Sensing	National Science Foundation	9/1/2014	8/31/2018	\$750,000
Priestley,Rodney D	AWD1004129	Grant	Instrumentation for Macromolecule Film Deposition	Air Force Office of Scientific Research	9/2/2014	9/1/2016	\$852,350
Pfeiffer,Loren N	AWD1004130	Grant	Moore Materials Synthesis Investigators	Gordon and Betty Moore Foundation	8/7/2014	7/31/2019	\$3,800,182
McAlpine,Michael C	AWD1004167	Grant	3D Printed Nano-Bionic Organs	NIH NIBIB	9/30/2014	6/30/2015	\$20,390
Prucnal,Paul R	AWD1004229	Contract	Chip Scale Integration of Optical RF Interference Cancellation	Battelle - Chapel Hill Operations	9/12/2014	8/27/2015	\$425,000
Haataja,Mikko P	AWD1004243	Grant	Center for the Computational Design of Functional Layered Materials	Temple University	8/1/2014	7/31/2018	\$408,000
Yazdani,Ali	AWD1004307	Cooperative Agreement	MRSEC: Princeton Center For Complex Materials	National Science Foundation	11/1/2014	10/31/2020	\$19,325,000
Chou,Stephen Y	AWD1004322	Contract	Ultrasensitive Rapid Omni-omics Platform, D2PA-assay, for Assessment of Human Involvement in Bio/Chemical-Threat Development	Federal Bureau of Investigation	2/19/2015	2/18/2016	\$860,809
Car,Roberto	AWD1004323	Contract	Theoretical Studies of Synthesis of Nanomaterials: A Joint Challenge for Plasma and Materials Sciences	Princeton Plasma Physics Laboratory	3/11/2015	9/30/2017	\$380,000
Law,Chung K	AWD1004415	Grant	2015 Princeton-CEFRS Summer School on Combustion; Princeton University - June 21-26, 2015	National Science Foundation	6/1/2015	5/31/2016	\$20,000
Sturm,James C	AWD1004468	Grant	Microfluidic Processing of Leukocytes for Molecular Diagnostic Testing	GPB Scientific, LLC	5/18/2015	4/30/2017	\$426,903
Prucnal,Paul R	AWD1004604	Grant	Neuromorphic Photonic Flight Control System	Lockheed Martin Corporation	6/16/2015	6/15/2016	\$175,000
Prucnal,Paul R	CNV1000014	Contract	Ultrafast All-Optical Route	Ultra Fast Optical Systems, Inc.	7/1/2000	6/30/2015	\$141,423
Torquato,Salvatore	CNV1000206	Grant	Optimizing Interacting Potentials to Form Targeted Material Structures	DOE - Germantown	1/1/2004	6/30/2015	\$1,118,858
Car,Roberto	CNV1000217	Grant	Strongly Correlated Electrons: Ground States, Excited States, and Transport	DOE - Chicago	5/1/2005	4/30/2017	\$1,244,999

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Gmachl, Claire F	CNV1000233	Cooperative Agreement	Mid-Infrared Technologies for Health and the Environment (MIRTHE)	National Science Foundation	5/1/2006	4/30/2016	\$34,389,881
Shayegan, Mansour	CNV1000365	Grant	Transport in Spin-Split Two-Dimensional Systems	DOE - Germantown	11/15/2006	11/14/2018	\$2,793,762
Ong, Nai P	CNV1000538	Cooperative Agreement	Materials Research Science And Engineering Center (MRSEC)	National Science Foundation	9/1/2008	8/31/2015	\$20,100,000
Torquato, Salvatore	CNV1000645	Grant	NYU NSF/MRSEC: Semantophoretic Assemblies	New York University	9/1/2008	8/31/2015	\$816,999
Law, Chung K	CNV1000772	Grant	Energy Frontier Research Center for Combustion Science:	DOE - Washington	8/1/2009	7/31/2016	\$17,337,610
Houck, Andrew A	CNV1000935	Grant	Quantum Information and Quantum Optics with Integrated Circuits	The David and Lucile Packard Foundation	10/15/2009	10/14/2016	\$875,000
Austin, Robert H	CNV1000943	Cooperative Agreement	Explosive Evolution Under Stress: The Driving Forces of Cancer Dynamics	NIH NCI	9/28/2009	7/31/2016	\$14,150,238
Houck, Andrew A	CNV1001051	Grant	CAREER: Strongly Correlated Photons in Microwave Cavities and Coupled Cavity Arrays	National Science Foundation	6/1/2010	5/31/2016	\$550,000
Arnold, Craig B	CNV1001053	Grant	IGERT: Nanotechnology for Clean Energy	Rutgers University - New Brunswick	8/15/2009	7/31/2015	\$881,280
Lyon, Stephen A	CNV1001190	Grant	Physics of Confined Electrons and Electron Spins on Liquid Helium	National Science Foundation	9/15/2010	8/31/2014	\$527,500
Houck, Andrew A	CNV1001203	Contract	Circuit QED Approach to Multi-Qubit Superconducting Quantum Computing	Intl Business Machines Corp. (IBM)	7/1/2010	1/31/2016	\$1,769,808
Haataja, Mikko P	CNV1001213	Grant	Fluctuating Lipid Membranes: Structure, Non-equilibrium Dynamics, and Coupling to Membrane Proteins	National Science Foundation	10/1/2010	9/30/2014	\$270,000
Car, Roberto	CNV1001250	Grant	CMSN: Structure and Dynamics of Water and Aqueous Solutions in Materials Science	DOE - Chicago	9/1/2010	8/31/2015	\$960,000
Houck, Andrew A	CNV1001316	Grant	PECASE: Quantum Computing, Quantum Control, and Quantized Non-Linear Optics with Superconducting Circuits	Army Research Office	2/10/2011	2/9/2016	\$1,000,000
Sturm, James C	CNV1001332	Grant	Energy Efficient Buildings HUB (EEB HUB)	The Pennsylvania State University	2/1/2011	1/31/2016	\$3,040,867
Gmachl, Claire F	CNV1001358	Grant	REU Site: Interdisciplinary Research Experience for Undergraduates in Mid-Infrared Technologies for Health and the Environment (I-MIRTHE REU)	National Science Foundation	4/1/2011	3/31/2015	\$342,600
Yazdani, Ali	CNV1001401	Grant	FITT: Development of a Low voltage, Low Power Transistor Based Ontopological Surface States.	SPAWARSYSCEN PACIFIC	6/2/2011	6/30/2016	\$7,716,863
Petta, Jason R	CNV1001416	Contract	Targeted Research - Few-electron Si/SiGe Double Quantum Dots	HRL Laboratories, LLC	6/20/2011	12/31/2014	\$1,784,927

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Arnold,Craig B	CNV1001441	Grant	High-Index, Non-Linear Chalcogenide Optics for Subwavelength Laser Processing and Imaging	Air Force Office of Scientific Research	7/15/2011	7/14/2014	\$377,210
Lyon,Stephen A	CNV1001483	Grant	Materials World Network: Spin Entanglement Using Transient Electrons in C and Si-based Materials	National Science Foundation	9/1/2011	8/31/2015	\$520,000
Chou,Stephen Y	CNV1001502	Grant	Innovative, High-Performance, Electron Source Using Plasmonic Nanostructures and Other Nanotechnology for Miniaturized Integrated X-Ray System	SPAWARSYSCEN PACIFIC	8/19/2011	8/18/2014	\$1,010,000
Shayegan,Mansour	CNV1001535	Grant	MRI: Acquisition of a Cryogen-free Dilution Refrigerator with a 12 T Magnet	National Science Foundation	10/1/2011	9/30/2015	\$436,024
Ong,Nai P	CNV1001537	Grant	Transport Experiments on Topological Insulators	Army Research Office	9/15/2011	4/14/2016	\$600,000
McAlpine,Michael C	CNV1001578	Grant	Buckled Piezoelectric Nanoribbons: Morphology, Nanomechanics, and Flexoelectricity	Army Research Office	11/1/2011	10/31/2015	\$370,828
Sturm,James C	CNV1001613	Grant	Hole-Blocking Layers for Silicon/Organic Heterojunctions: A New Class of High-Efficiency Low-Cost PV	DOE- Golden Field Office	9/1/2011	8/31/2016	\$1,476,609
Shayegan,Mansour	CNV1001672	Grant	Wavefunction Engineering for a Topological Quantum Computer	Keck Foundation (The W. M.)	12/15/2011	12/31/2016	\$1,001,326
Haataja,Mikko P	CNV1001713	Grant	REU Site: EMERGE: Energy, Materials and the Environment: Researchers Gaining Experience	National Science Foundation	5/1/2012	4/30/2015	\$320,000
Verma,Naveen	CNV1001766	Grant	Combining Large-area Electronics with High-performance Computation for Scalable Ambient Intelligence	National Science Foundation	7/1/2012	6/30/2016	\$360,000
Torquato,Salvatore	CNV1001800	Grant	Particle Packing Problems	National Science Foundation	8/1/2012	7/31/2016	\$303,000
McAlpine,Michael C	CNV1001809	Grant	(BRI) Bio-Nanocombinatoric Synthesis and Quorum Sensing	Air Force Office of Scientific Research	7/15/2012	7/14/2015	\$618,303
McAlpine,Michael C	CNV1001813	Grant	Piezoelectric Nanoribbons for Interfaced Cellular Nanomechanics	Defense Advanced Research Projects Agency	7/1/2012	9/30/2015	\$450,000
Verma,Naveen	CNV1001840	Grant	SHF: Small: Analytical Modeling and Design Methodology for Large-scale Computational Systems Employing Flexible Electronics for Extensive Physical Interfacing	National Science Foundation	7/1/2012	6/30/2016	\$450,000
Selloni,Annabella	CNV1001879	Grant	MRSEC PREM - Computational Research and Education for Emergent Materials	California State University, Northridge	6/1/2012	5/31/2017	\$424,596
Arnold,Craig B	CNV1001936	Grant	3-D Additive Multiscale Manufacturing Using Near-Field Ultrafast Laser Processing	National Science Foundation	9/1/2012	8/31/2016	\$409,998
Petta,Jason R	CNV1001943	Grant	Hybrid Circuit Quantum Electrodynamics: Coupling a Single Silicon Spin Qubit to a Photon	Air Force Research Laboratory (Rome)	9/6/2012	9/5/2014	\$643,652

PRISM (4)ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Car,Roberto	CNV1002007	Grant	Advanced Modeling of Ions in Solutions, on Surfaces, and in Biological Environments	DOE - Washington	9/1/2012	8/31/2017	\$1,377,543
Gmachl,Claire F	CNV1002193	Grant	Planning Grant: I/UCRC for Mid-Infrared Medical Systems (MIMES)	National Science Foundation	2/15/2013	1/31/2016	\$16,330
Sturm,James C	CNV1002195	Contract	High Quality Silicon Based Heterostructures for Quantum Computing	HRL Laboratories, LLC	1/1/2013	12/31/2014	\$583,832
Sturm,James C	CNV1002202	Grant	Microfluidic Processing of Leukocytes for Molecular Diagnostics Testing	GPB Scientific, LLC	9/24/2012	8/31/2014	\$73,559
Lyon,Stephen A	CNV1002675	Grant	Spin Coherence in Silicon-based Quantum Structures and Devices	Army Research Office	6/1/2013	5/31/2016	\$1,848,954
Shayegan,Mansour	CNV1002676	Grant	Interacting Two-dimensional Electrons in Unconventional Sytems	National Science Foundation	8/1/2013	7/31/2017	\$620,000
McAlpine,Michael C	CNV1002677	Grant	Novel Anti-Quorum Coatings for Biofouling Protection of Chemical and Biological Nanosensors	Central Intelligence Agency	7/8/2013	9/30/2015	\$240,000
Law,Chung K	CNV1003161	Grant	Conference/Symposium: 2014 Princeton-CEFRC Summer School on Combustion	Army Research Office	6/3/2014	12/2/2014	\$12,000
Gmachl,Claire F	CNV1003229	Grant	Proto-Type II-VI Quantum Well-Based Unipolar Mid-Infrared Photodetectors	National Science Foundation	7/1/2014	12/31/2016	\$204,011
Yazdani,Ali	CNV1003241	Grant	Detection, Characterization, and Manipulation of Majorana Fermions in Magnetically Textured Nanostructures	Office of Naval Research	5/1/2014	4/30/2018	\$2,949,094

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Shafir,Eldar	AWD1004019	Grant	The Psychology of Scarcity: A Research Proposal	Alfred P. Sloan Foundation	9/1/2014	9/1/2017	\$577,544
Haushofer,Johannes A	AWD1004221	Grant	Reducing Domestic Violence: Economic Conditions, Psychological Well-being, and Social Norms	Vanguard Charitable Endowment Program	7/15/2014	7/14/2016	\$280,000
Shafir,Eldar	AWD1004241	Grant	Some Implications of Scarcity Thinking	National Science Foundation	12/15/2014	11/30/2019	\$813,966
Lew-Williams,Casey	AWD1004410	Grant	Bilingual Infants' and Toddlers' Processing of Mixed Language	NIH NICHD	5/15/2015	4/30/2017	\$147,951
Taylor,Jordan A	AWD1004462	Grant	Embodied Decision Making: Influence of Action Errors on Reinforcement Learning	University of California at Berkeley	4/1/2015	3/31/2020	\$507,689
Shafir,Eldar	AWD1004543	Grant	Parent: The Psychology of Scarcity: A Research Proposal	Russell Sage Foundation	12/1/2014	11/30/2016	\$129,062
Ghazanfar,Asif A	CNV1001126	Grant	Vocal Communication Emerges and Evolves through Coupled Oscillations	James S. McDonnell Foundation	12/1/2010	12/1/2016	\$600,000
Ghazanfar,Asif A	CNV1001232	Grant	Inference of Large-scale Dynamic Cortical Interactions that Mediate the Integration of Faces and Voices	The Pew Charitable Trusts	7/1/2010	6/30/2016	\$95,000
Paluck,Elizabeth L	CNV1001489	Grant	Creating Tolerant School Settings: A Proposal for a Social Networks-based Field Experimental Intervention	William T. Grant Foundation	7/1/2011	6/30/2016	\$350,000
Paluck,Elizabeth L	CNV1001775	Grant	Social Interactions, Identity and Well-Being	Canadian Institute for Advanced Research	7/1/2011	6/30/2016	\$112,500
Shafir,Eldar	CNV1001776	Grant	Social Interactions, Identity and Well-Being Program	Canadian Institute for Advanced Research	7/1/2011	6/30/2016	\$125,000
Turk-Browne,Nicholas B	CNV1001946	Grant	Relationship Between Numerical and Statistical Processes in Normal Cognition and Dyscalculia	U.S.-Israel Binational Science Fdn.	9/1/2012	8/31/2015	\$60,000
Witten,Ilana B	CNV1002036	Grant	Therapeutic Plasticity: A Novel Paradigm for Treating Addiction	NIH NIDA	9/30/2012	8/31/2017	\$2,415,000
Conway,Andrew R A	CNV1002207	Grant	" Doctoral Dissertation Research" A Novel Approach to Investigate Psychological Processes in Language: Contrasting Bilinguals and Interpreters	National Science Foundation	2/15/2013	1/31/2015	\$14,139
Pronin,Emily	CNV1002630	Grant	Intellectual Humility and the Bias Blind Spot	Fuller Theological Seminary	4/25/2013	6/10/2015	\$200,787
Ghazanfar,Asif A	CNV1002634	Grant	Multisensory Integration of Faces and Voices in the Primate Temporal Lobe	NIH NINDS	7/1/2013	6/30/2018	\$1,696,075
Conway,Andrew R A	CNV1002635	Grant	Dual Mechanisms of Cognitive Control	Washington University	6/5/2013	6/30/2015	\$278,183
Paluck,Elizabeth L	CNV1002636	Grant	Social Networks and Climates of Conflict	National Science Foundation	8/1/2013	7/31/2016	\$322,877
Taylor,Jordan A	CNV1002637	Grant	A Model System to Study the Interaction of Multiple Processes for Motor Learning	NIH NINDS	9/16/2013	8/31/2018	\$1,704,895

Psychology (2)ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Paluck,Elizabeth L	CNV1002841	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	11/1/2012	6/30/2016	\$959,536

Sociology

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
DiMaggio,Paul J	CNV1001055	Grant	Collaborative Research: Understanding the Economic Crisis and its Social Impacts through Collaborative Postdoctoral Fellowships	National Science Foundation	3/15/2010	2/28/2015	\$264,728
Vertesi,Janet A	CNV1001186	Grant	SoCS: Socio-Computational Approaches to Planetary Exploration	National Science Foundation	9/1/2010	8/31/2015	\$749,257
Portes,Alejandro	CNV1001602	Grant	The Second Generation in Spain: A Longitudinal Study	The Spencer Foundation	8/1/2011	7/31/2014	\$284,025
Massey,Douglas S	CNV1001637	Grant	Doctoral Dissertation Research: State Variation in Taxation Policies	National Science Foundation	12/15/2011	11/30/2015	\$7,900
Portes,Alejandro	CNV1001808	Contract	Values, Institutional Quality, and Development	Francisco Manuel dos Santos Foundation	6/1/2012	9/30/2015	\$352,420
Scheppele,Kim L	CNV1002000	Grant	Doctoral Dissertation Research: The Automation of Compliance: Techno-Legal Regulation in the United States Trucking Industry	National Science Foundation	9/1/2012	8/31/2014	\$11,327
Scheppele,Kim L	CNV1002001	Grant	Doctoral Dissertation Research: Democratic Participation in Non-Democracies? Mobilizing International Legal Regimes for National Reform in Three Monarchies	National Science Foundation	9/1/2012	8/31/2015	\$24,850
DiMaggio,Paul J	CNV1002638	Grant	Hidden Advantages of Class: How Cultural Signals of Class Shape Hiring Outcomes	Fahs-Beck Fund - Rsrch & Experimentation	7/1/2013	11/15/2014	\$5,000
Duneier,Mitchell	CNV1002639	Grant	Doctoral Dissertation Research: Redefining Roles of Fatherhood in Low-Income Urban Communities	National Science Foundation	8/1/2013	7/31/2014	\$12,000
Centeno,Miguel A	CNV1002640	Grant	Doctoral Dissertation Research: Hispanic Population Growth and Black-White Relations in the United States	National Science Foundation	9/1/2013	8/31/2015	\$11,972
Portes,Alejandro	CNV1003002	Grant	The Second Generation in Spain: Qualitative Module	The Spencer Foundation	1/1/2014	10/31/2014	\$31,957
Vertesi,Janet A	CNV1003081	Contract	Sociological Investigations for Europa Clipper Mission Success	Cal Tech - Jet Propulsion Lab (JPL)	4/7/2014	7/30/2015	\$42,499

Teacher PreparationACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Catena, Anne N	AWD1004375	Grant	FY 15 Common Core Academy	Rider University	10/1/2014	8/31/2015	\$86,715

University Health Services

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Putukian,Margot	AWD1004317	Grant	NCAA-DoD Grand Alliance: Concussion Assessment, Research and Education (CARE) Consortium-- Longitudinal Clinical Study Core	University of Michigan	8/1/2014	7/31/2016	\$285,304
Putukian,Margot	CNV1002735	Grant	Head Impact Exposures in Lacrosse Players	US Lacrosse Foundation	7/1/2013	6/30/2016	\$56,270
Putukian,Margot	CNV1002964	Grant	The Epidemiology of Concussions in Ivy League Sports - A Web-Based Registry Study	Council of Ivy League Presidents	8/1/2013	6/30/2016	\$5,600
Putukian,Margot	CNV1002985	Grant	The Effect of Head Impact Biomechanics on Short- and Long-Term Neurological Status in Collegiate Men's and Women's Lacrosse and Soccer Players	Natl Oper Comm on Stds for Athl Equip	3/1/2014	7/31/2016	\$364,376

Woodrow Wilson School (WWS)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Howard,Heather H	AWD1004074	Contract	State Health and Value Strategies	Robert Wood Johnson Foundation	7/1/2014	12/31/2015	\$1,556,739
Christensen,Thomas J	AWD1004080	Grant	Bradley Foundation Fellowship Program for the Meritorious Support for Graduate Students and Post-Graduate Fellows	The Lynde and Harry Bradley Fdn., Inc.	7/1/2014	7/7/2016	\$25,000
Moll,Benjamin	AWD1004085	Grant	2014 Kauffman Junior Faculty Fellow	Ewing Marion Kauffman Foundation	8/1/2014	9/30/2016	\$35,000
Glaser,Alexander	AWD1004108	Grant	Research and Policy Analysis Relating to the Future of Nuclear Power and Nuclear-Weapon Proliferation; and the Verification of Nuclear Disarmament	Carnegie Corporation of New York	10/1/2014	9/30/2017	\$1,000,080
Widner,Jennifer A	AWD1004153	Contract	Science of Delivery	The World Bank	8/15/2014	7/31/2015	\$31,130
Shapiro,Jacob N	AWD1004210	Grant	Deterrence with Proxies	University of California at San Diego	9/1/2014	8/31/2019	\$628,112
Danspeckgruber,Wolfgang F	AWD1004234	Grant	Strategic Relevance of the Geopolitical Space of the Empire of Alexander the Great - in our Time	Carnegie Corporation of New York	7/1/2014	6/30/2016	\$586,374
Widner,Jennifer A	AWD1004301	Contract	Research Proposal: Princeton University and the French Development Agency	French Agency for Development	1/1/2015	12/31/2016	\$231,250
McLanahan,Sara S	AWD1004327	Grant	Future of Children: Education for Children from Pre-K to Third Grade	Foundation for Child Development	12/1/2014	12/1/2016	\$125,000
Glaser,Alexander	AWD1004401	Grant	Extension of the International Panel on Fissile Materials (IPFM)	The John D. & Catherine T. MacArthur Fdn	4/1/2015	3/31/2018	\$1,755,051
Mian,Zia	AWD1004402	Grant	Project on Peace and Security in South Asia: Research, Collaboration and Education for Reducing Nuclear Dangers in South Asia	New-Land Foundation	2/1/2015	1/31/2017	\$100,003
Mian,Zia	AWD1004403	Grant	Advancing US-Iran Nuclear Diplomacy and Rapprochement and a Middle East Nuclear-Weapons-Free Zone	Rockefeller Brothers Fund, Inc.	5/1/2015	4/30/2016	\$90,003
Widner,Jennifer A	AWD1004446	Grant	Open Government Partnership Case Study Project	Open Government Partnership	5/15/2015	12/31/2015	\$55,000
Shapiro,Jacob N	AWD1004563	Grant	Punjab Economic Opportunity Programme: Evaluating Markets for Skill Acquisition and Employment	Harvard University	2/1/2015	1/31/2017	\$65,218
Friedberg,Aaron L	CNV1000191	Grant	Research Program in International Security	Smith Richardson Foundation, Inc.	7/1/2001	7/1/2016	\$153,592
Friedberg,Aaron L	CNV1000409	Grant	Training the Next Generation of Strategists: Strengthening Strategic Studies at Princeton	The Lynde and Harry Bradley Fdn., Inc.	12/10/2007	12/31/2015	\$99,000
Friedberg,Aaron L	CNV1000510	Grant	Understanding China's Grand Strategy	The Lynde and Harry Bradley Fdn., Inc.	7/1/2008	12/31/2015	\$40,000
Shapiro,Jacob N	CNV1000673	Grant	Terrorism, Governance and Development	Air Force Office of Scientific Research	5/1/2009	9/29/2015	\$9,947,455

Woodrow Wilson School (WWS) (2)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
von Hippel, Frank N	CNV1001368	Grant	Extension of the International Panel on Fissile Materials (IPFM)	The John D. & Catherine T. MacArthur Fdn	3/1/2011	5/31/2015	\$1,200,576
Chassang, Sylvain	CNV1001387	Grant	Research Fellowship Dr. Sylvain Chassang	Alfred P. Sloan Foundation	9/15/2011	9/15/2015	\$50,000
Currie, Janet M	CNV1001470	Grant	Differential Impacts of Environmental Policy on Infants in Poor and Minority Neighborhoods	The John D. & Catherine T. MacArthur Fdn	1/1/2010	6/30/2016	\$234,769
McCarty, Nolan M	CNV1001501	Grant	Collaborative Research: The Ideological Mapping of American Legislatures	National Science Foundation	8/15/2011	7/31/2014	\$299,919
von Hippel, Frank N	CNV1001595	Grant	Increasing Nuclear Safety and Strengthening Barriers to Misuse of Civilian Nuclear Facilities for the Acquisition of Nuclear Weapons.	Carnegie Corporation of New York	10/1/2011	10/31/2014	\$900,298
Currie, Janet M	CNV1001688	Grant	A Randomized Trial of Effects of Parent Mentors on Insuring Minority Children	Univ of TX Southwestern Medical Ctr	6/1/2011	5/31/2016	\$123,603
Glaser, Alexander	CNV1001710	Grant	Small Modular Reactors and their Fuel Cycles: Assessing the Proliferation Risks.	The John D. & Catherine T. MacArthur Fdn	12/1/2011	11/30/2015	\$330,260
Wilcove, David S	CNV1001770	Grant	2012 Smith Post-doctoral Fellowship - Tingley	Society for Conservation Biology	6/1/2012	9/1/2014	\$185,521
Chassang, Sylvain	CNV1001816	Grant	Collaborative Research: Improving Randomized Controlled Trials: Practical and Theoretical Challenges	National Science Foundation	6/1/2012	5/31/2015	\$133,378
Ikenberry, Gilford J	CNV1001907	Grant	The Day After: Northeast Asia in the Aftermath of the Collapse of the DPRK	The John D. & Catherine T. MacArthur Fdn	6/1/2012	5/30/2016	\$200,239
Deaton, Angus S	CNV1002073	Grant	Dimensions of Subjective Well-Being: Aging, Religiosity, and Adaptation	National Bureau of Economic Research	7/1/2012	6/30/2016	\$353,281
von Hippel, Frank N	CNV1002642	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	4/1/2013	5/31/2015	\$650,382
De Loecker, Jan K S	CNV1002643	Grant	2013 Sloan Research Fellowship Nomination	Alfred P. Sloan Foundation	9/15/2013	9/15/2015	\$50,000
Chyba, Christopher F	CNV1002644	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	4/1/2013	3/31/2017	\$1,800,318
Christensen, Thomas J	CNV1002645	Grant	Bradley Foundation Fellowship Program for the Meritorious Support for Graduate Students and Post-graduate Fellows	The Lynde and Harry Bradley Fdn., Inc.	7/1/2013	6/30/2015	\$25,000
Mian, Zia	CNV1002650	Grant	Science & Global Security	The John D. & Catherine T. MacArthur Fdn	6/1/2013	5/31/2017	\$150,027
Friedberg, Aaron L	CNV1002651	Grant	Bradley Graduate and Post-Graduate Fellowship Program for 2013-14	The Lynde and Harry Bradley Fdn., Inc.	9/15/2013	9/14/2015	\$25,000
Shapiro, Jacob N	CNV1002652	Grant	State-building at the Community Level: Evaluating the Impact of Colombias Consolidation Program	Office of Naval Research	8/1/2013	7/31/2016	\$939,276

Woodrow Wilson School (WWS) (3)

ACTIVE SPONSORED AWARDS

7/1/2015 - 6/30/2015

<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
McLanahan,Sara S	CNV1002724	Grant	Future of Children: Military Children and Families Volume	Foundation for Child Development	4/1/2013	12/31/2016	\$50,002
McLanahan,Sara S	CNV1002725	Grant	The Future of Children: Promoting Child Health	Robert Wood Johnson Foundation	9/1/2013	8/31/2015	\$148,508
McLanahan,Sara S	CNV1002730	Grant	Doctoral Dissertation Research: Risk and Consequences of Parental Absence	National Science Foundation	8/15/2013	7/31/2014	\$12,000
Armstrong,Elizabeth M	CNV1002731	Grant	Postdoctoral Fellowship: New Directions in Epigenetics	National Science Foundation	9/1/2013	8/31/2014	\$75,000
Searchinger,Timothy D	CNV1002862	Grant	The Agricultural Synergies Project: Guidance for Integrating REDD+ and Agricultural Emissions Reductions.	Norwegian Agency for Development Coop	3/1/2013	12/31/2015	\$2,430,048
Mian,Zia	CNV1002865	Grant	Project on Peace and Security in South Asia: Research, Collaboration and Education for Reducing Nuclear Dangers in South Asia	New-Land Foundation	2/1/2013	1/31/2015	\$100,000
Christensen,Thomas J	CNV1002922	Grant	Princeton-Harvard China and the World Program	Carnegie Corporation of New York	1/1/2014	12/31/2016	\$687,985
Widner,Jennifer A	CNV1002923	Grant	Generating Turnarounds in Fragile States	Smith Richardson Foundation, Inc.	1/1/2014	6/30/2016	\$500,000
Searchinger,Timothy D	CNV1002950	Grant	Analysing Bioenergy, Global Agriculture and Greenhouse Gas Mitigation	The David and Lucile Packard Foundation	10/15/2013	4/1/2016	\$200,000
Shapiro,Jacob N	CNV1003005	Grant	Punjab Economic Opportunity Program: Evaluating Markets for Skill Acquisition and Employment in Pakistan	Harvard University	9/1/2012	10/31/2015	\$38,100
Widner,Jennifer A	CNV1003006	Contract	Bertelsmann Foundation	Bertelsmann Stiftung	10/1/2013	9/30/2014	\$80,000
Christensen,Thomas J	CNV1003007	Grant	Princeton-Harvard China and the World Program	The John D. & Catherine T. MacArthur Fdn	1/1/2014	12/31/2016	\$500,183
Mian,Zia	CNV1003061	Grant	Advancing US-Iran Rapprochement and a Middle East Nuclear-Weapons-Free Zone	Ploughshares Fund	2/25/2014	2/25/2015	\$70,000
Mian,Zia	CNV1003074	Grant	Advancing US-Iran Rapprochement and a Middle East Nuclear-Weapons-Free Zone	Rockefeller Brothers Fund, Inc.	4/1/2014	4/30/2015	\$85,000
Schwandt,Hannes A	CNV1003154	Contract	Sick of Shocks to Homes, Jobs, and Stocks	The University of Southern Denmark	4/11/2014	1/31/2016	\$61,369
Shapiro,Jacob N	CNV1003210	Contract	Connecting the Red Corridor: Infrastructure Provision in Conflict Zones	London Sch of Economics	11/26/2013	3/31/2015	\$59,311
Shapiro,Jacob N	CNV1003211	Contract	Rural Infrastructure Provision in India: Mapping the Bharat Nirman Programme	London Sch of Economics	3/1/2014	4/30/2015	\$25,382
Howard,Heather H	CNV1003228	Grant	State Health Reform Assistance Network	Robert Wood Johnson Foundation	7/1/2014	6/30/2015	\$1,096,055
McLanahan,Sara S	CNV1003245	Contract	FOC: Marriage and Child Wellbeing: Ten Years Later	Administration for Children and Families	2/26/2014	10/31/2015	\$150,000

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
McLanahan,Sara S	AWD1004081	Grant	Effects of Poverty on Affective Development: A Multi-Level, Longitudinal Study	University of Michigan	6/6/2014	5/31/2016	\$114,905
Trussell,Thomas J	AWD1004083	Grant	The Birth Control Project: A Longitudinal Study of Women's Contraception Use and Sexual Health	Society of Family Planning	7/1/2014	9/30/2015	\$14,999
McLanahan,Sara S	AWD1004102	Grant	Doctoral Dissertation Research: Class, Motherhood, and Inequality: Conditions and Causal Mechanisms	National Science Foundation	9/1/2014	8/31/2016	\$11,939
McLanahan,Sara S	AWD1004145	Grant	Administrative Supplement to Recover Losses Due to Hurricane Sandy	NIH NICHD	11/15/2013	10/31/2015	\$140,000
McLanahan,Sara S	AWD1004213	Grant	Improving Opportunities for Urban Youth: What Can We Learn from City Comparisons?	Robert Wood Johnson Foundation	11/15/2014	11/14/2017	\$668,690
Massey,Douglas S	AWD1004214	Grant	Infrastructure for the Office of Population Research	NIH NICHD	9/24/2014	8/31/2019	\$1,992,600
Massey,Douglas S	AWD1004292	Grant	Validity of the Retrospective Reproductive Calendar Instrument in Developing Countries	Society of Family Planning	10/1/2014	6/30/2016	\$15,000
Currie,Janet M	AWD1004293	Grant	Princeton Center for Translational Research on Aging	NIH NIA	9/30/2014	5/31/2019	\$2,217,530
Goldman,Noreen J	CNV1000716	Grant	Biodemography of Health, Social Factors and Life Challenge	NIH NIA	7/1/2009	12/31/2016	\$2,922,923
Massey,Douglas S	CNV1000718	Grant	Public Use Data on Mexican Immigration	NIH NICHD	9/1/2009	6/30/2015	\$1,891,291
Case,Anne C	CNV1000719	Grant	Princeton Center for the Demography of Aging	NIH NIA	7/1/2009	6/30/2016	\$3,406,264
Currie,Janet M	CNV1000888	Grant	Princeton Center for Research on Experience and Wellbeing	NIH NIA	9/30/2009	8/31/2014	\$1,692,579
McLanahan,Sara S	CNV1000895	Grant	Children's Health Disparities in the U.S. and the U.K.: The Role of the Family	NIH NICHD	9/28/2009	8/31/2015	\$600,220
Massey,Douglas S	CNV1000901	Grant	Infrastructure for the Office of Population Research	NIH NICHD	9/28/2009	8/31/2014	\$4,318,183
Massey,Douglas S	CNV1001425	Grant	Demography	NIH NICHD	5/1/2011	4/30/2016	\$1,582,491
McLanahan,Sara S	CNV1001575	Grant	Unemployment, the Great Recession, Fragile Families and Child Development	The Trustees of Columbia University	7/1/2011	6/30/2015	\$245,900
Telles,Edward E	CNV1001584	Grant	Enhancing Visibility and Impact of the Project on Ethnicity and Race in Latin America	The Ford Foundation	8/1/2011	1/31/2016	\$200,000
McLanahan,Sara S	CNV1001956	Grant	It Takes Two Generations: Strengthening the Mechanisms of Child Development	Annie E. Casey Foundation	7/1/2012	7/31/2014	\$162,000
Pager,Devah	CNV1001964	Grant	Doctoral Dissertation Research: Utilizing Smartphones as Experimental Interventions for Job Search and Employment at Reentry	National Science Foundation	8/15/2012	8/31/2014	\$32,200
Salganik,Matthew J	CNV1002059	Grant	Improvements to the Network Scale-Up Method for Studying Hard-To-Reach Populations	NIH NICHD	9/27/2012	6/30/2016	\$523,395
McLanahan,Sara S	CNV1002111	Grant	Fragile Families and Child Wellbeing in Adolescence	NIH NICHD	9/17/2012	6/30/2017	\$8,470,784

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ACTIVE SPONSORED AWARDS

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
McLanahan,Sara S	CNV1002727	Grant	FOC: Military Children and Families Issue	The Achelis and Bodman Foundations	5/24/2013	6/30/2015	\$25,000
Goldberg,Rachel E	CNV1002729	Grant	Nativity, Family, and Youth Sexual and Reproductive Health Behavior	NIH NICHD	8/1/2013	7/31/2015	\$102,496
Massey,Douglas S	CNV1002848	Grant	Latin American and Mexican Migration Project	The John D. & Catherine T. MacArthur Fdn	12/1/2012	11/30/2015	\$325,114
Sugie,Naomi F	CNV1003015	Grant	Trajectories of Job Search and Wellbeing Among Re-entering Individuals	National Institute of Justice	11/1/2013	7/31/2014	\$25,000
McLanahan,Sara S	CNV1003244	Grant	Future of Children Research Report on Food Insecurity and Children	University of Kentucky	1/1/2014	9/28/2014	\$37,807

WWS - Survey Research Center (SRC)ACTIVE SPONSORED AWARDS

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<u>Lead Principal Investigator</u>	<u>Award #</u>	<u>Award Type</u>	<u>Award Title</u>	<u>Sponsor</u>	<u>Start Date</u>	<u>End Date</u>	<u>Total Anticipated</u>
Freeland,Edward P	CNV1002718	Grant	Careers of Holders of the PhD in the Humanities	The Andrew W. Mellon Foundation	4/1/2013	3/31/2016	\$501,185