

ANNUAL REPORT OF THE UNIVERSITY RESEARCH BOARD AND THE OFFICE OF RESEARCH AND PROJECT ADMINISTRATION 2016-2017 TABLE OF CONTENTS

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SECTION I

THIS SECTION FOCUSES ON SPONSORED RESEARCH EXPENDITURES FOR THE FISCAL YEAR 2017.

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 overall steadily increasing, with a few dips in some fiscal years. But reviewing a 10 year history, expenditures from Federal sources were up 43% since FY2007 (\$124M in FY2007 up to \$177M in FY2017). In FY2017, expenditures from government sources were up by 8.8% from the previous year. The National Science Foundation and the National Institutes of Health continues to be our major contributors, funding over 60% of Princeton's federal sponsored research.

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 \$215.2M for fiscal year 2017 while the Princeton Plasma Physics Laboratory (PPPL) recorded an additional \$115.7M in sponsored research expenditures during the same period.

FY 2017 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 FY2007.

The grand total of FY2017 sponsored research expenditures for the University and PPPL combined was \$330.9M, an increase of 3.9% from the previous fiscal year. University main campus expenditures were up almost 7.2%, totaling \$215.2M, compared to \$200.8M in FY2016. However, during the same time period, PPPL's expenditures, were down by 1.6%, decreasing to \$115.7M from \$117.6M in FY2016.

Chart 2 reviews the breakdown of expenditures, with Operating and Indirect costs, both up almost 6% while equipment increased 25% from the previous year. Training grants expenditures, however, were down by 4% from FY2016.

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 2017, with federal and state government funding providing \$142.3 million in direct research support. This comprises almost 71% of all sponsored research expenditures at the University (Chart 3-1). When expenditures are recorded moved to the prime sources, the percentage is almost 81% (Chart 3-2) at \$162.6 million.

The five leading government sponsors were the National Science Foundation (NSF), National Institutes of Health (NIH), Department of Defense agencies (including the Army, Air Force, Navy, DARPA, NSA, DSCA, and DTRA), Department of Energy (DOE), and Department of Commerce (DOC). These agencies provided, respectively, \$54.2M, \$45.6M, \$24.7M, \$11.2M, and \$8.6M in direct research funding during FY2017 (Table 1 and Chart 3-1). When represented by prime funding sources the levels of support were \$58.3M, \$50.9M, \$30.1M, \$13.7M, and NASA (National Aeronautics and Space Administration) was in the top five instead of DOC with \$10.2M, respectively (Table 2 and Chart 3-2).

Chart 4-1 presents a five-year comparison of government-sponsored expenditures from FY2013-2017, and Chart 4-2 categorizes federally funded subawards from industry and private organizations by their prime source of funds.

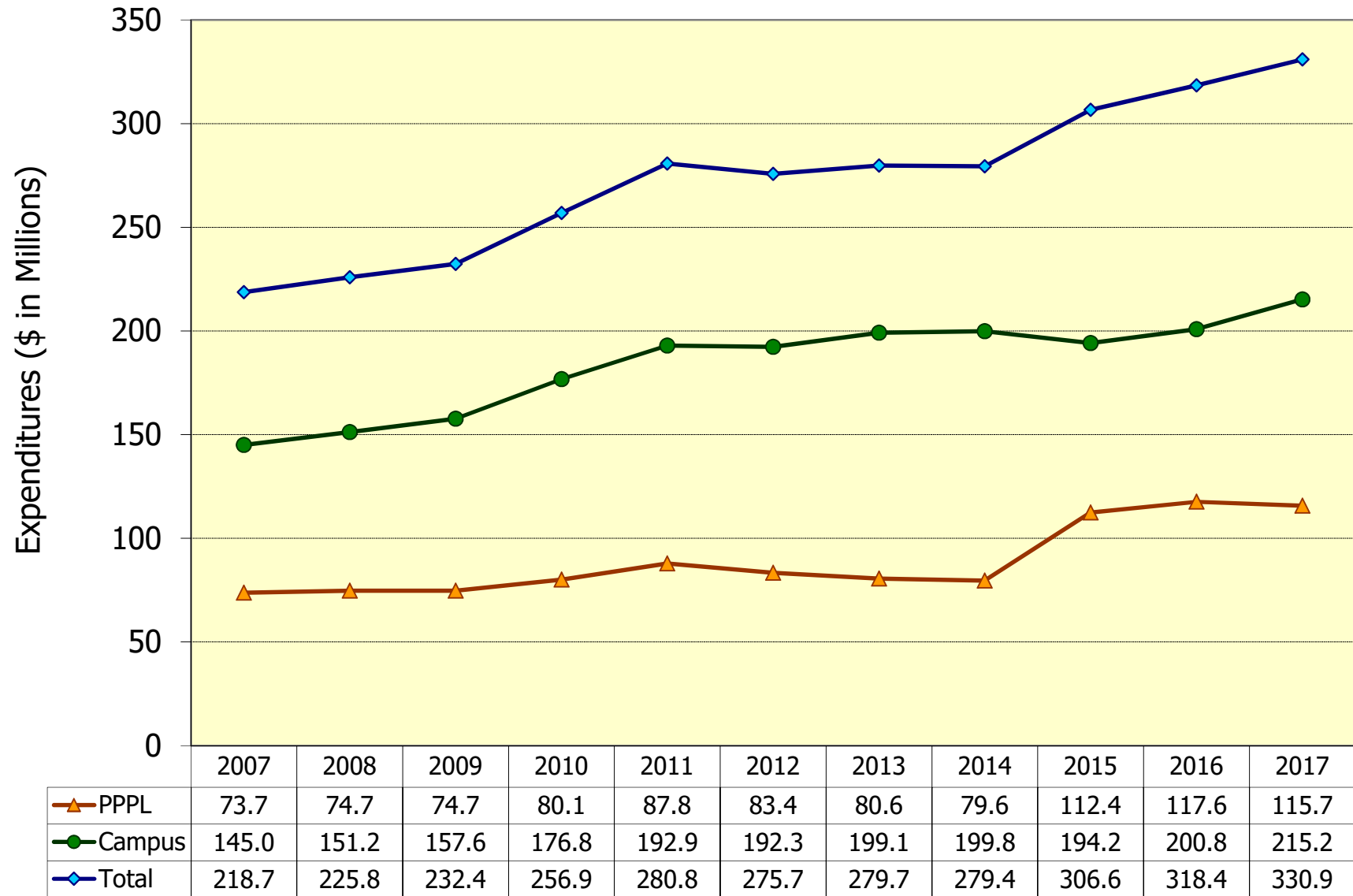
Funding from non-government sources comprised the balance of the total research expenditures in FY2017 (Chart 5-1). This category includes foundations, industry, and private/other entities (e.g., educational institutions, hospitals, foreign entities, associations), which together represent 27.4% of Princeton's sponsored-research expenditures. When expenditures are moved to their prime sources, non-government sources account for 17.8% (Chart 5-2) of the total sponsored research portfolio. In FY2017, almost \$21M was moved to prime sources.

Princeton Plasma Physics Laboratory (PPPL)

Chart 6 show history of the Lab's expenditures. In this publication, FY2017 refers to the fiscal year as July 1 – June 30, which is consistent with the dates used for campus sponsored research expenditures. In other publications, PPPL budget authorization or expenditures may be reported on the U.S. DOE fiscal year of October 1 – September 30. PPPL expenditures, which makes up 35% of total sponsored research expenditures, were down 1.6%, \$115.7M compared to \$117.6M in FY2016.

Chart 1

HISTORY OF SPONSORED RESEARCH EXPENDITURES



SECTION I
TABLE 1

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

Sponsors, Campus					
	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
NSF	55,877	52,465	50,058	54,194	54,446
NIH	40,584	39,951	38,421	40,305	45,757
DOD	23,737	24,039	23,040	20,021	24,726
DOE	14,361	14,707	14,629	11,240	11,515
DOC	4,227	4,273	5,463	8,512	8,613
NASA	4,936	5,418	5,657	4,690	6,395
NI (IARPA & CIA)	*	*	*	1,091	3,044
Other (DOI, DOT, DoED, EPA, USDA, Misc)	1,738	1,909	1,715	1,726	650
NEH and NEA	186	145	9	8	188
NJ	561	525	382	492	873
TOTAL GOVERNMENT	146,206	143,433	139,374	142,279	156,207
TOTAL FOUNDATION	13,853	18,417	20,794	21,458	22,435
TOTAL PRIVATE/OTHER	24,639	27,082	22,820	24,705	24,832
TOTAL INDUSTRIAL	14,439	10,882	11,198	12,334	11,733
TOTAL, CAMPUS	\$199,138	\$199,813	\$194,186	\$200,775	\$215,208

Sponsors, Plasma Physics Lab**					
DOE	78,013	77,732	110,642	116,301	115,727
DoD-AF	0	0	80	67	NA
NSF	0	41	337	249	NA
Misc Govt - Bureau of Arms Ctrl	0	51	0	0	NA
TOTAL GOVERNMENT	78,013	77,823	111,059	116,617	115,727
TOTAL INDUSTRIAL	238	594	518	636	NA
TOTAL PRIVATE/OTHER	2,336	1,157	784	362	NA
TOTAL, PPPL	80,588	79,575	112,360	117,615	115,727

GRAND TOTAL, CAMPUS & PPPL	\$279,725	\$279,388	\$306,546	\$318,391	\$330,934
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* Awards from National Intelligence included with Other Government in previous years.

**To be consistent with Finance Office, PPPL is now counted one award with DOE.

SECTION I

TABLE 2

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

Sponsors, Campus					
	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
NSF	59,424	55,462	53,196	57,197	58,266
NIH	44,762	44,593	42,428	45,895	50,939
DOD	30,825	31,888	30,779	26,103	30,086
DOE	18,274	17,486	16,454	14,029	13,698
NASA	6,989	7,652	7,751	6,960	10,156
DOC (NOAA & NIST)	4,465	4,352	5,490	8,601	8,619
NI (IARPA & CIA)	**	**	**	1,091	3,210
Other (DOI, DOT, EPA, DoED, FBI, Misc)	3,047	2,699	2,206	2,090	866
NEH and NEA	186	145	9	8	188
NJ	561	525	408	584	899
TOTAL GOVERNMENT	168,531	164,802	158,722	162,559	176,927
TOTAL FOUNDATION	13,834	18,411	20,794	22,456	24,138
TOTAL PRIVATE/OTHER	5,757	8,952	6,028	5,564	4,170
TOTAL INDUSTRIAL	11,016	7,649	8,642	10,197	9,973
TOTAL, CAMPUS	\$199,138	\$199,813	\$194,186	\$200,775	\$215,208

Sponsors, Plasma Physics Lab***					
DOE	78,030	77,941	110,768	116,301	115,727
DoD-AF	0	0	393	103	NA
NSF	0	41	542	315	NA
Misc Govt - Bureau of Arms Ctrl	0	51	0	0	NA
TOTAL GOVERNMENT	78,030	78,032	111,703	116,719	115,727
TOTAL INDUSTRIAL	221	385	274	570	NA
TOTAL PRIVATE/OTHER	2,336	1,157	383	326	NA
TOTAL, PPPL	80,588	79,575	112,360	117,615	115,727

GRAND TOTAL, CAMPUS & PPPL	\$279,725	\$279,388	\$306,546	\$318,391	\$330,934
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* Shows Government funded subawards from industry & private organizations categorized by their prime source of funds

** Awards from National Intelligence included with Other Government in previous years.

***To be consistent with Finance Office, PPPL is now as counted one award with DOE.

SECTION I

TABLE 3

5 YEAR HISTORY BY DIVISION*

SPONSORED AWARD EXPENDITURES (\$1,000)

<u>Breakdown by Division *</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Natural Sciences	85,236	87,401	87,131	126,924	137,393
Engineering & Applied Sciences	70,645	66,574	61,796	57,730	63,537
Humanities & Social Sciences	15,647	17,955	15,774	15,779	13,679
Centers, Institutes & Non-Dept'l	<u>27,609</u>	<u>27,884</u>	<u>29,485</u>	<u>342</u>	<u>598</u>
Sub-Total Campus	199,138	199,813	194,186	200,775	215,208
Plasma Physics Laboratory	<u>80,588</u>	<u>79,575</u>	<u>112,360</u>	<u>117,615</u>	<u>115,727</u>
GRAND TOTAL	\$279,725	\$279,388	\$306,546	\$318,391	\$330,934

NUMBER OF SPONSORED AWARDS

<u>Breakdown by Division*</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Natural Sciences	612	622	604	788	825
Engineering & Applied Sciences	467	454	460	486	474
Humanities & Social Sciences	146	139	137	142	124
Centers, Institutes & Non-Dept'l	<u>138</u>	<u>159</u>	<u>176</u>	<u>16</u>	<u>19</u>
Sub-Total Campus	1,363	1,374	1,377	1,432	1,442
Plasma Physics Laboratory	<u>18</u>	<u>17</u>	<u>20</u>	<u>16</u>	<u>1</u> **
GRAND TOTAL	1,381	1,391	1,397	1,448	1,443

AVERAGE EXPENDITURES PER AWARD (\$1,000)

<u>Breakdown by Division*</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Natural Sciences	139	141	144	161	167
Engineering & Applied Sciences	151	147	134	119	134
Humanities & Social Sciences	107	129	115	111	110
Centers, Institutes & Non-Dept'l	200	175	168	21	31
All	\$146	\$145	\$141	\$140	\$149

* Divisions in 2016 & 2017 changed to Dean of Faculty definitions.

**To be consistent with Finance Office, PPPL is now counted one award with DOE.

Chart 2
Breakdown of Expenditures
 (Excludes Plasma Physics Lab)

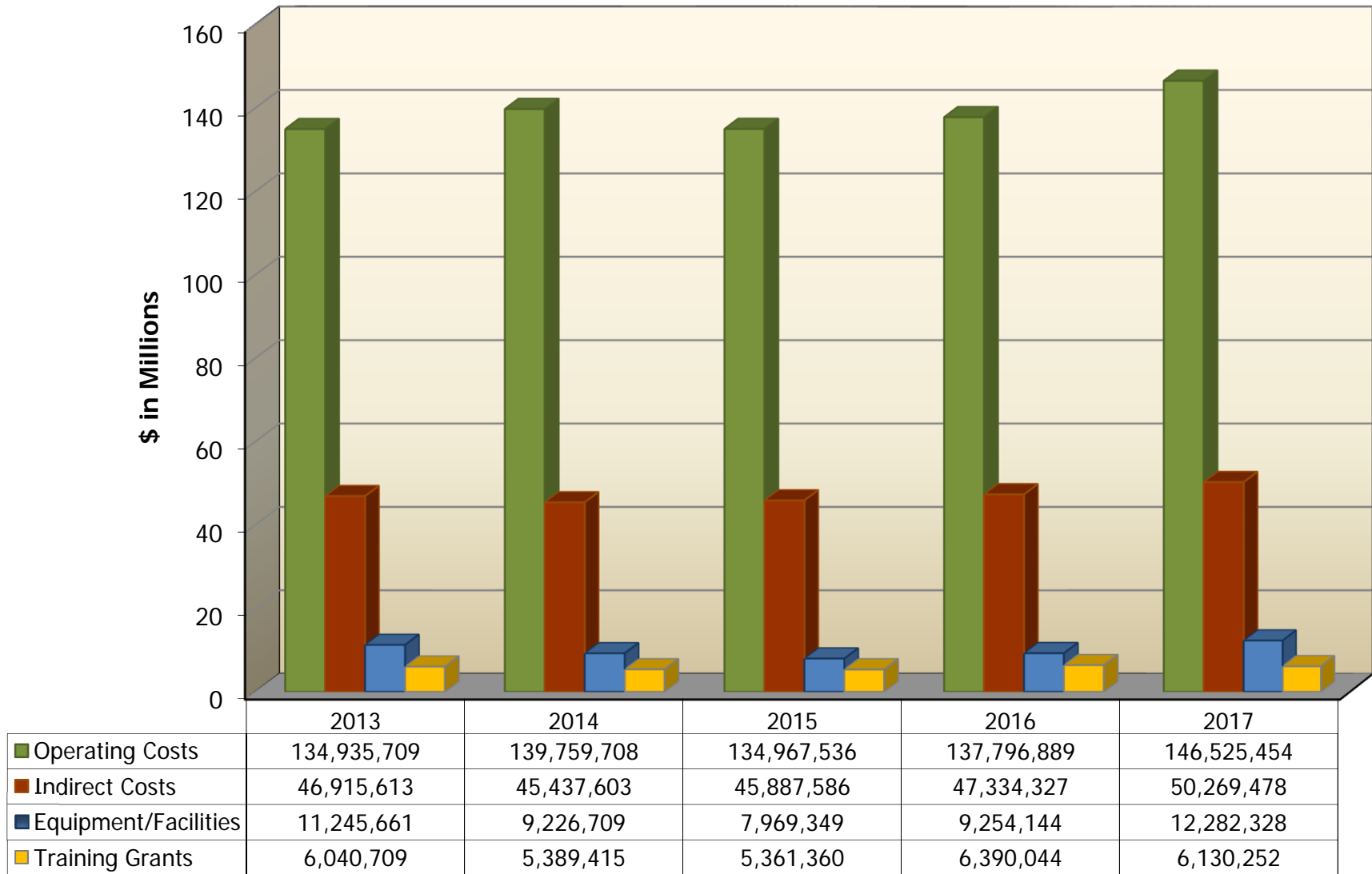
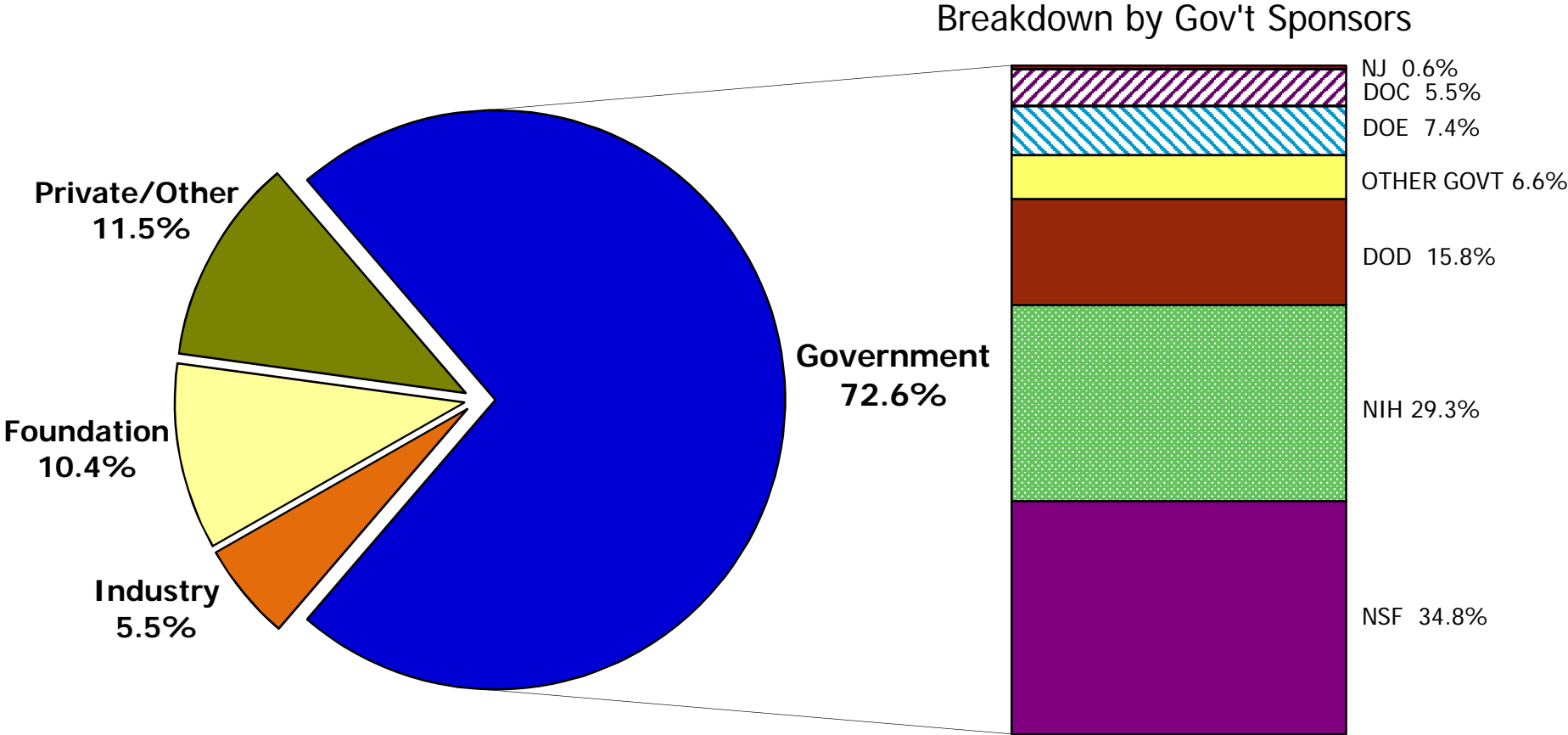
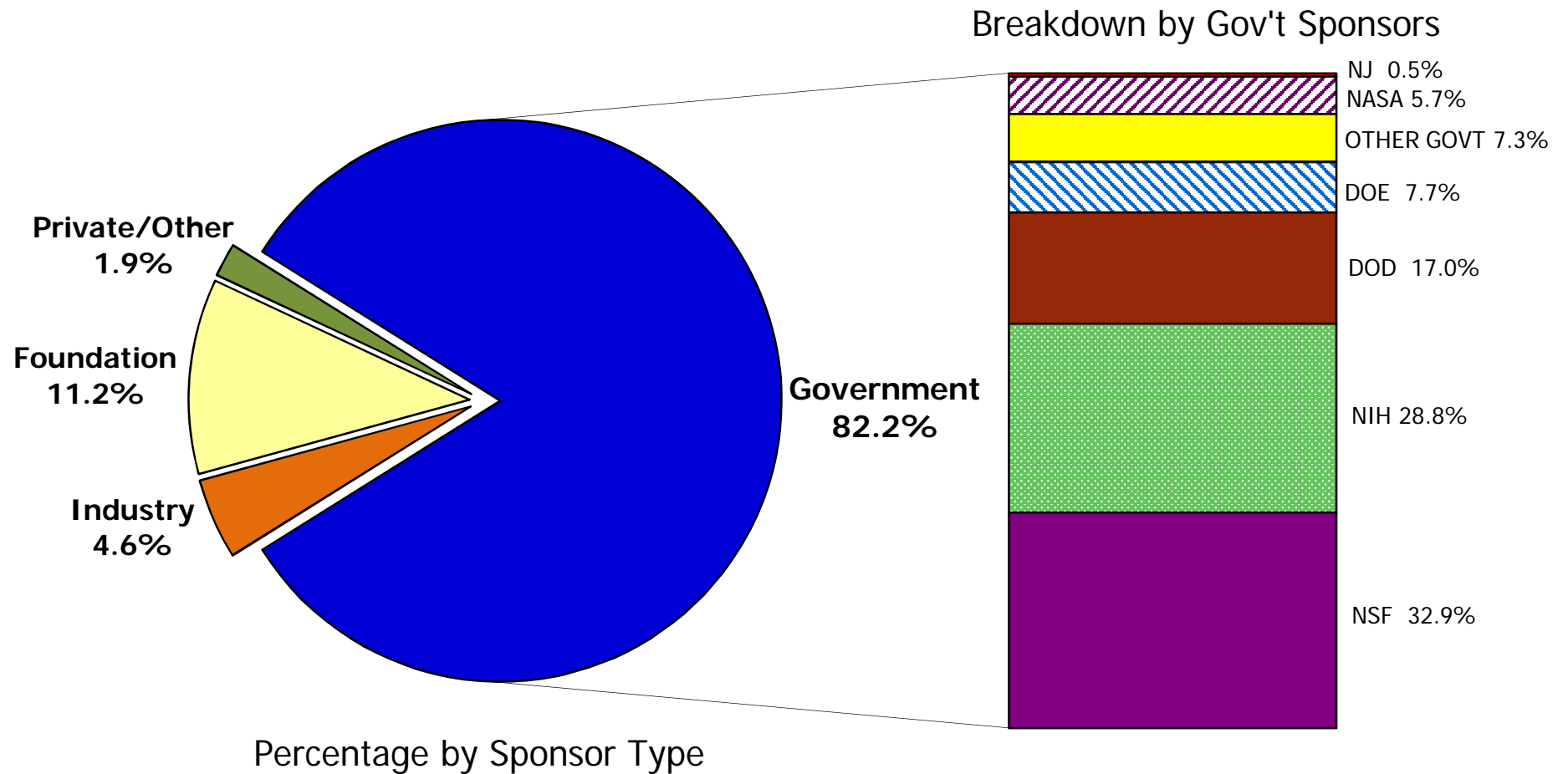


Chart 3-1
Funding % By Sponsor - FY 2016-2017
(Excludes PPPL)



Percentage by Sponsor Type

Chart 3-2
Funding % By Prime* Sponsor - FY 2016-2017
 (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)

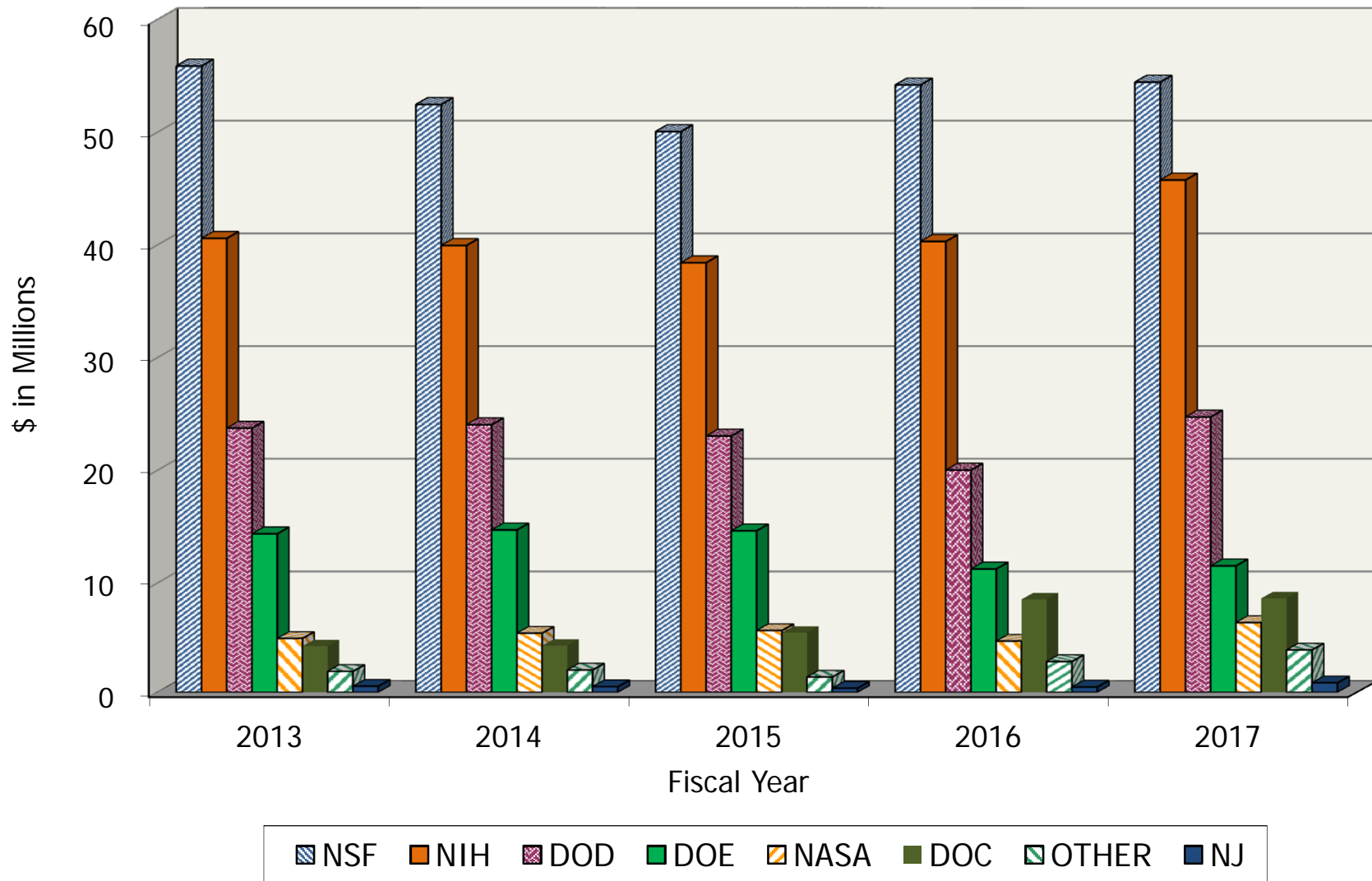


Chart 4-2
Comparison of Prime Government Sponsored Expenditures
 5 Year History
 (Excludes Plasma Physics Lab)

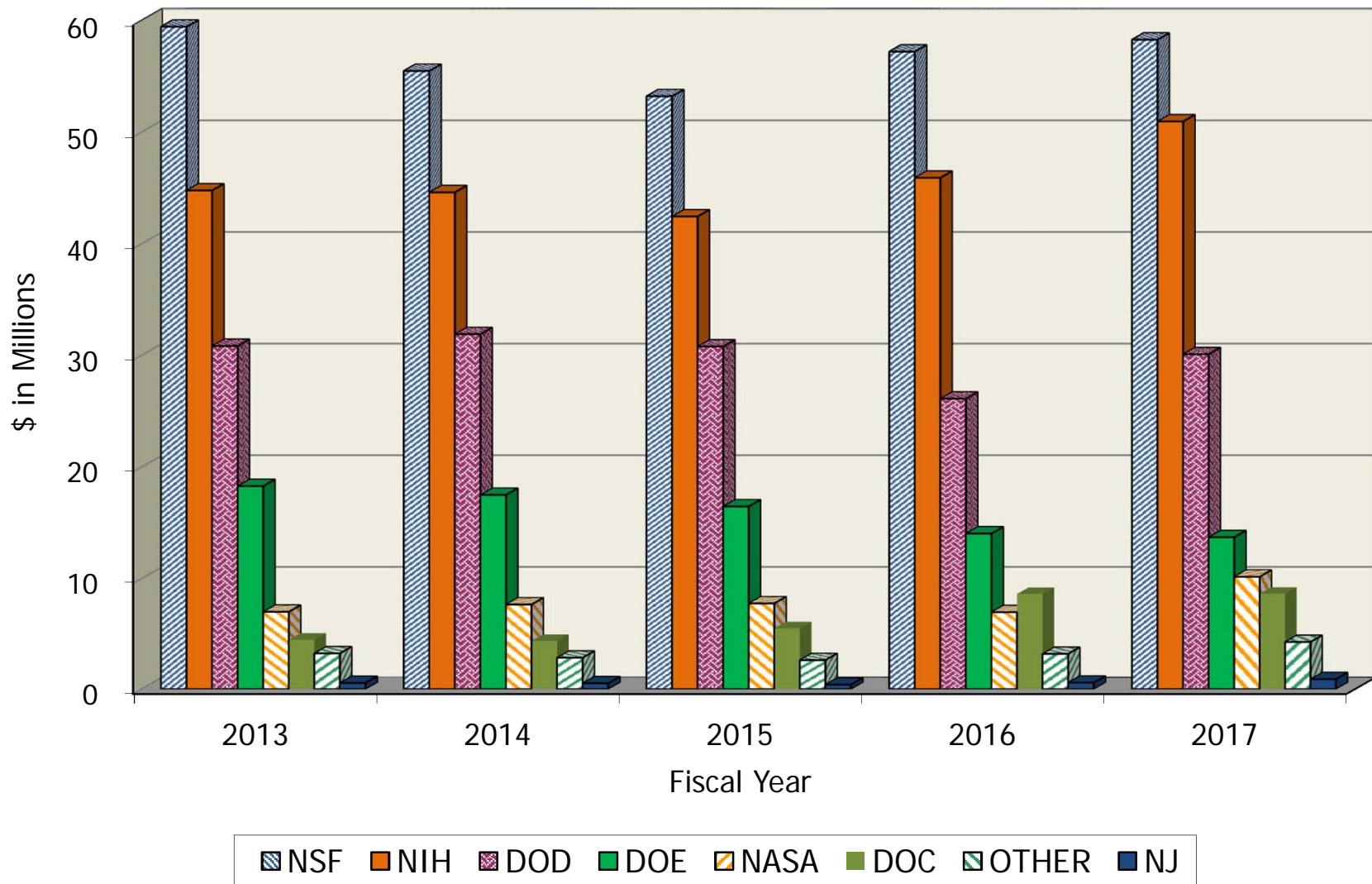


Chart 5-1

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

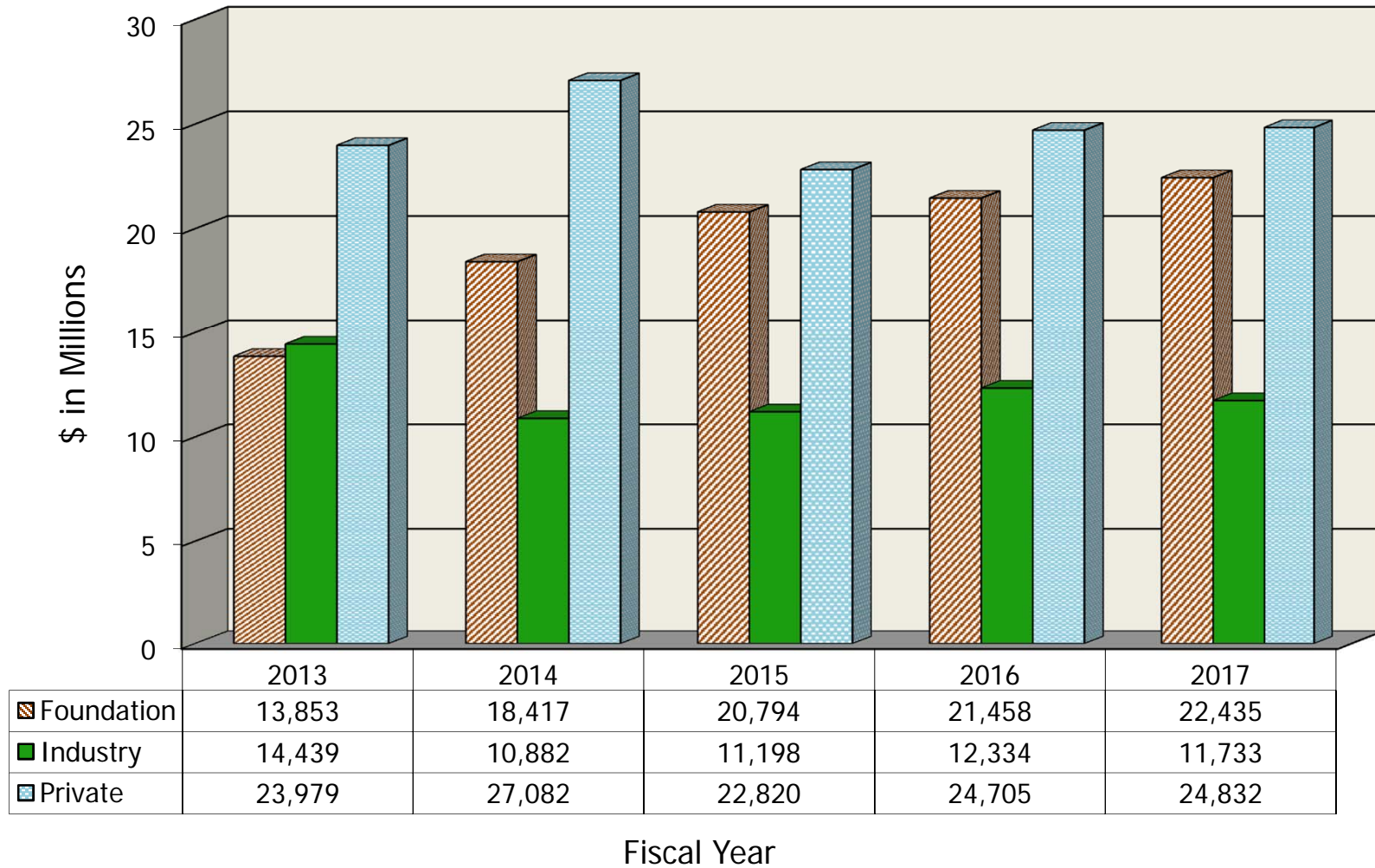


Chart 5-2

Comparison of Non-Government Sponsored Expenditures

(with Funds moved to Prime Sponsor)

(Excludes Plasma Physics Lab)

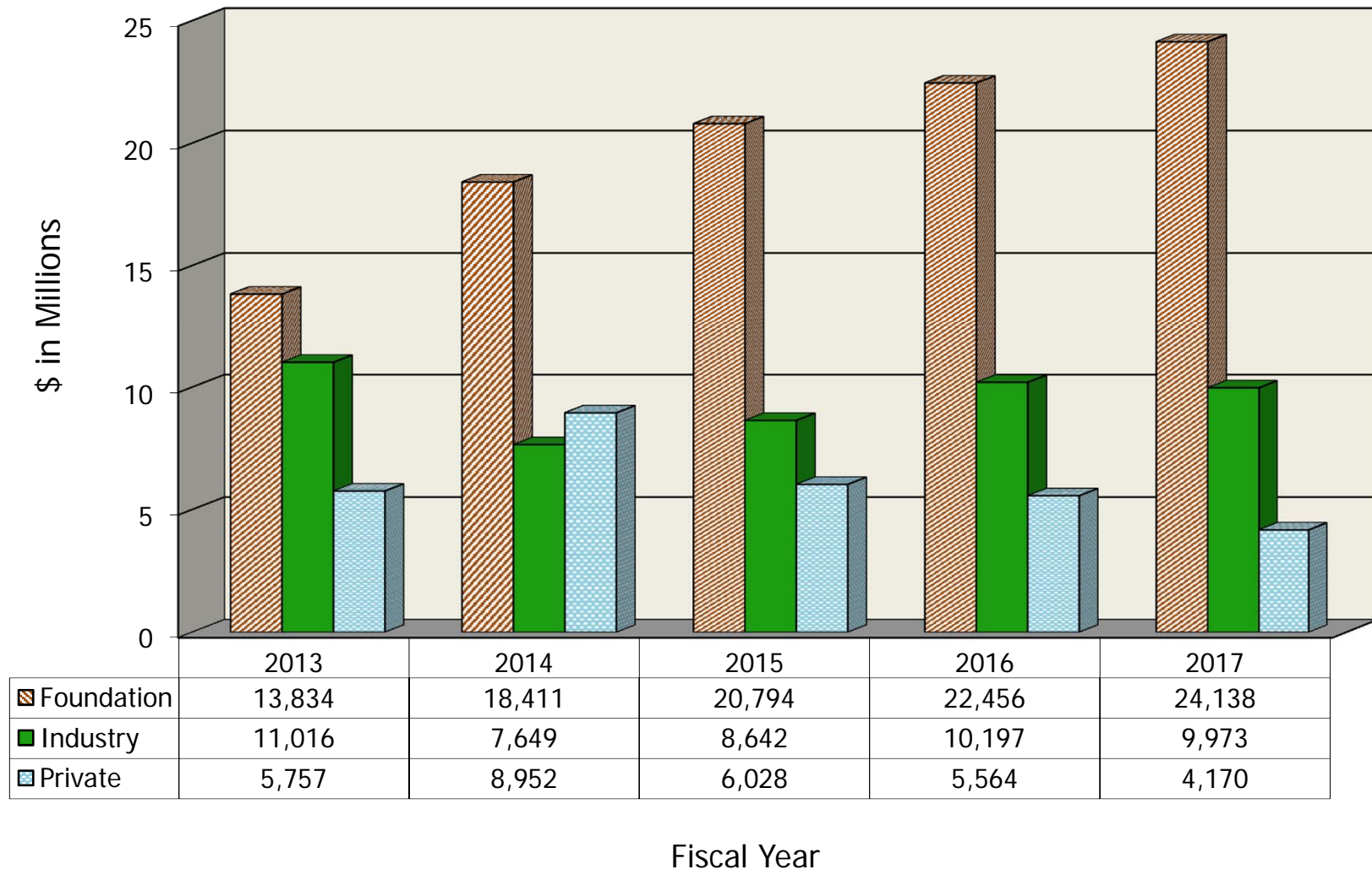
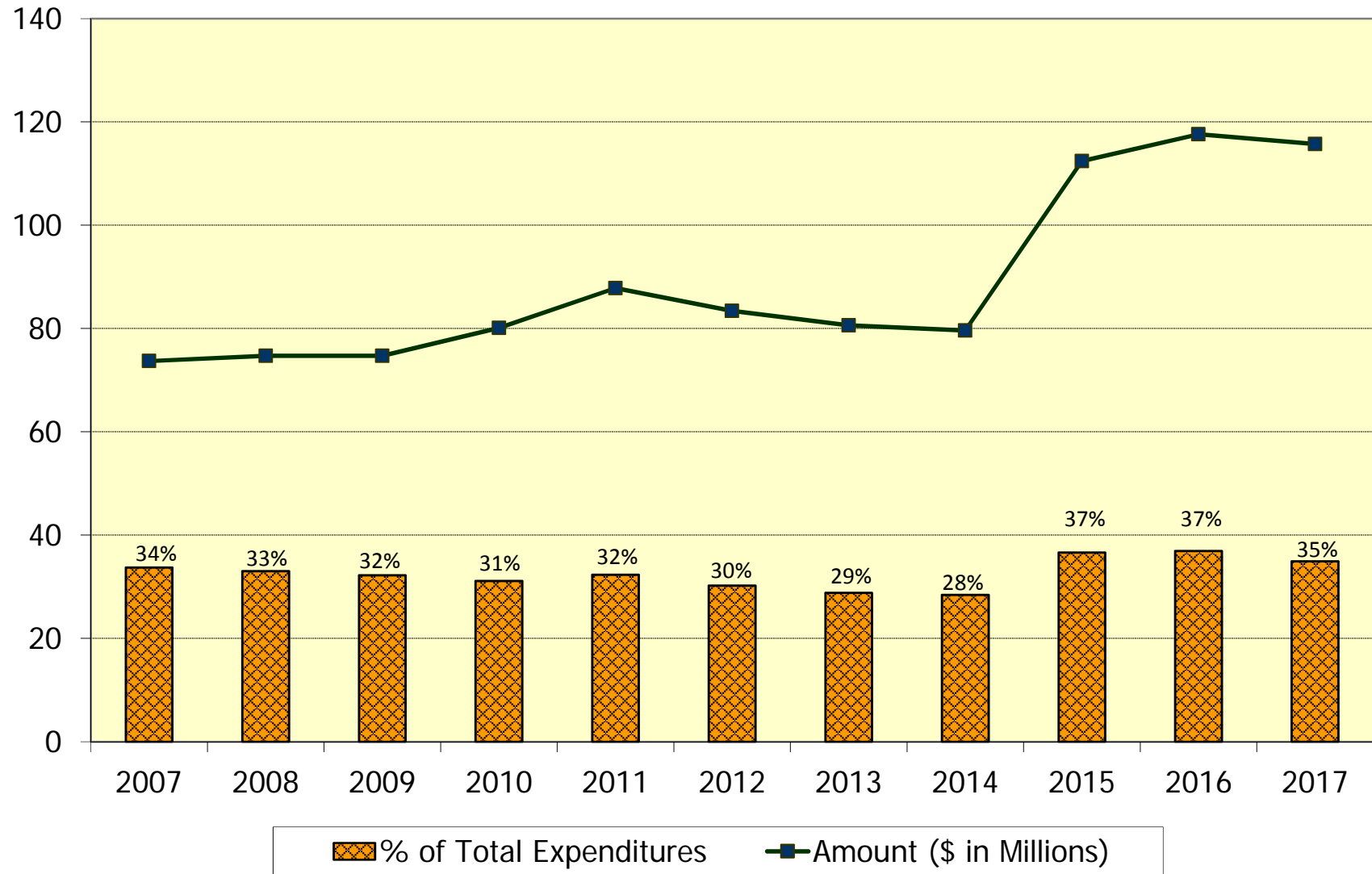


Chart 6

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

TABLE 4

SUMMARY OF SPONSORED EXPENDITURES BY DEPARTMENT OR PROGRAM

July 1, 2016 - June 30, 2017

DEPARTMENT/PROGRAM	# of Awards*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NATURAL SCIENCES	825	\$93,136,535	\$5,216,715	\$7,406,176	\$31,633,155	\$137,392,581
Applied & Computational Math (PACM)	19	1,648,135	98,294	50,000	658,378	2,454,807
Astrophysical Sciences	109	8,017,228	297,877	1,119,746	3,292,488	12,727,340
Atmospheric & Oceanic Sciences	22	7,037,614	316	3,516	2,335,424	9,376,869
Center for Statistics and Machine Learning	1	42,596	0	0	26,410	69,006
Chemistry	86	8,908,043	545,306	1,210,514	3,350,204	14,014,066
Ecology & Evolutionary Biology	50	2,141,755	203,660	170,568	672,223	3,188,206
Geosciences	48	2,282,481	97,339	6,537	1,097,904	3,484,261
Lewis-Siegler Institute	79	8,115,672	816,131	299,791	3,467,990	12,699,584
Mathematics	45	2,551,608	105,325	(2,238)	1,123,197	3,777,892
Molecular Biology	141	11,699,248	2,048,715	874,064	5,472,358	20,094,385
Physics	88	20,145,113	107,286	2,615,768	3,566,611	26,434,778
Princeton Environmental Institute (PEI)	17	6,203,200	93,962	147,207	928,556	7,372,925
Princeton Inst for Comput'l Sci & Eng (PICSciE)	5	263,985	0	0	151,086	415,071
Princeton Neuroscience Institute (PNI)	96	12,105,339	763,127	787,939	4,810,214	18,466,618
Psychology	19	1,974,518	39,376	122,767	680,113	2,816,773
ENGINEERING & APPLIED SCIENCES	474	41,708,358	738,766	4,869,391	16,220,909	63,537,425
Andlinger Center	26	1,892,715	2,000	602,704	956,334	3,453,752
Center for Information Technology	1	5,000	0	0	0	5,000
Chemical & Biological Engineering	74	5,100,587	173,971	851,196	1,997,176	8,122,929
Civil & Environmental Engineering	62	3,870,928	152,660	42,453	1,572,859	5,638,899
Computer Science	67	7,426,754	75,180	0	2,551,999	10,053,934
Electrical Engineering	83	6,135,181	50,524	585,963	2,667,471	9,439,139
Mechanical & Aerospace Engineering	80	5,426,052	79,704	219,118	2,444,343	8,169,218
Operations Research & Financial Engin.	29	2,548,743	34,939	(2,040)	1,226,235	3,807,877
PRISM	52	9,302,397	169,789	2,569,997	2,804,493	14,846,676
HUMANITIES & SOCIAL SCIENCES	124	11,142,203	174,771	6,761	2,355,587	13,679,321
Anthropology	2	15,611	0	0	4,059	19,670
Architecture	1	542,043	1,362	0	0	543,404

TABLE 4 (CONT.)

DEPARTMENT/PROGRAM	# of Awards*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
Center for Study of Religion	3	282,081	0	0	847	282,928
Classics	0	(2)	0	0	0	(2)
Comparative Literature	0	(22)	0	0	0	(22)
East Asian Studies	1	118,126	0	0	0	118,126
East Asian Program	1	15,037	1,500	0	1,654	18,191
Economics	16	377,867	0	0	194,085	571,952
English	1	207,154	0	0	0	207,154
Gender and Sexuality Studies	1	(11,573)	0	0	(1,736)	(13,309)
History	6	216,193	65,720	0	0	281,913
History of Science	1	4,284	0	0	1,114	5,398
Industrial Relations Section	1	78,508	0	0	0	78,508
Peter B. Lewis Center - Arts	0	333	0	0	0	333
Near Eastern Studies	1	87,460	0	(850)	54,225	140,835
Near Eastern Studies Program	1	135,021	0	0	10,802	145,823
Philosophy	3	101,585	0	0	32,637	134,222
Politics	12	287,557	46,687	0	45,322	379,565
Princeton Inst. for Int'l & Regional Studies (PIIRS)	2	18,077	0	0	134	18,211
Sociology	5	276,324	0	0	79,350	355,673
Woodrow Wilson School	48	5,582,122	59,503	634	850,149	6,492,407
Population Research (WWS)	16	2,717,793	0	6,977	1,073,765	3,798,535
Survey Research Center (WWS)	2	90,625	0	0	9,180	99,805
NON-ACADEMIC DEPARTMENTS	19	\$538,358	\$0	\$0	\$59,827	\$598,185
Art Museum	8	232,112	0	0	14,545	246,657
Graduate School	2	28,015	0	0	0	28,015
Health Services	4	193,969	0	0	42,442	236,411
Library	1	41,418	0	0	0	41,418
Teacher Preparation	3	40,244	0	0	2,450	42,693
University Center for Human Values	1	2,600	0	0	390	2,990
SUBTOTAL MAIN CAMPUS	1,442	\$146,525,454	\$6,130,252	\$12,282,328	\$50,269,478	\$215,207,512
Plasma Physics Laboratory**	1	\$113,106,622	(\$4,630)	(\$231,972)	\$2,856,943	\$115,726,963
GRAND TOTAL	1,443	\$259,632,076	\$6,125,622	\$12,050,356	\$53,126,421	\$330,934,475

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

Awards that have multiple Projects in different Departments are counted in Lead Award Department but expenditures are added to Project Dept.

**To be consistent with Finance Office, PPPL is now counted as one award. Expenditures reported by PPPL are different due to their Fiscal Year.

SECTION II

TABLE 5

SUMMARY OF SPONSORED EXPENDITURES BY SPONSOR

July 1, 2016 - June 30, 2017

GOVERNMENT AGENCY OR DEPARTMENT	# of Awards*	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NSF	368	38,728,526	857,776	2,925,675	11,933,820	54,445,798
NIH	195	27,458,086	3,048,441	2,306,189	12,944,378	45,757,093
DOE	74	7,510,844	16,034	217,963	3,770,499	11,515,341
DOC (NOAA & NIST)	15	6,436,082	5,566	5,329	2,165,845	8,612,822
ARMY	28	5,036,295	10,158	1,025,485	1,756,001	7,827,939
NASA	51	4,059,476	181,434	581,242	1,572,969	6,395,121
AF	23	4,769,860	0	152,801	1,328,911	6,251,572
NAVY	33	3,978,470	20,164	506,343	1,558,101	6,063,077
NI (IARPA)	1	1,905,111	0	181,957	957,073	3,044,141
DARPA	9	1,752,299	0	369,901	558,044	2,680,243
OTHER DOD (DTRA & NSA)	4	1,326,993	19,861	226,107	330,426	1,903,387
STATE OF NEW JERSEY	17	675,781	115,515	32,364	49,296	872,955
USAID	1	202,955	0	0	24,355	227,310
DOT (FHWA & FAA)	2	153,236	2,000	0	21,221	176,457
NEH	2	100,531	4,000	(850)	54,225	157,906
DoED	1	135,021	0	0	10,802	145,823
MISC. GOVT.**	7	42,907	5,660	46,434	(5,260)	89,740
DOI (USGS)	1	25,278	0	0	15,107	40,385
TOTAL GOVERNMENT	832	\$104,297,750	\$4,286,609	\$8,576,939	\$39,045,811	\$156,207,109
PRIVATE/OTHER	299	\$16,482,133	\$733,040	\$1,213,881	\$6,402,660	\$24,831,713
FOUNDATION	218	\$17,575,685	\$1,087,742	\$1,938,967	\$1,832,851	\$22,435,244
INDUSTRIAL	90	\$8,169,886	\$22,862	\$552,541	\$2,988,157	\$11,733,446
TOTAL MAIN CAMPUS	1,439	\$146,525,454	\$6,130,252	\$12,282,328	\$50,269,478	\$215,207,512
PPPL DOE PRIME CONTRACT***	1	113,106,622	(4,630)	(231,972)	2,856,943	115,726,963
TOTAL CAMPUS / PPPL	1,440	\$259,632,076	\$6,125,622	\$12,050,356	\$53,126,421	\$330,934,475

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

**Includes CDC, EPA, FBI, IMLS, NEA, State Dept, & USDA

***To be consistent with Finance Office, PPPL is now counted as one award. Expenditures reported by PPPL are different due to their Fiscal Year.

SECTION II

TABLE 6

SUMMARY OF SPONSORED EXPENDITURES BY PRIME* SPONSOR

July 1, 2016 - June 30, 2017

GOVERNMENT AGENCY OR DEPARTMENT	# of Awards**	Operating Expenses	Student Aid/ Training Grants	Equipment & Facilities	Indirect Costs	Total
NSF	401	41,082,540	926,986	3,023,492	13,233,350	58,266,368
NIH	256	30,530,897	3,062,091	2,698,097	14,648,024	50,939,109
DOE	97	8,922,170	22,284	266,265	4,486,795	13,697,514
NASA	103	6,853,759	458,689	587,985	2,255,407	10,155,841
ARMY	38	5,787,699	10,158	1,025,485	2,126,007	8,949,349
DOC (NOAA & NIST)	16	6,442,655	5,566	5,329	2,165,845	8,619,395
AF	36	5,542,774	0	152,801	1,770,706	7,466,282
NAVY	37	4,371,131	22,164	506,343	1,793,848	6,693,485
DARPA	18	2,988,915	2,660	435,799	1,154,184	4,581,557
NI (CIA & IARPA)	2	2,007,624	0	181,957	1,020,631	3,210,212
DTRA	3	1,326,993	0	226,107	330,426	1,883,527
STATE OF NEW JERSEY	19	699,114	115,515	32,364	51,746	898,738
OTHER DOD (DSCA, NSA & Secy)	5	321,823	19,861	0	169,981	511,665
USAID	2	225,800	31,487	0	38,518	295,805
DOT (FHWA & FAA)	3	182,092	2,000	0	38,823	222,915
NEH	2	100,531	4,000	(850)	54,225	157,906
DoED	1	135,021	0	0	10,802	145,823
EPA	2	66,450	0	0	39,947	106,397
MISC. GOVT.***	8	63,980	5,660	46,434	9,346	125,420
TOTAL GOVERNMENT	1,049	\$117,651,966	\$4,689,121	\$9,187,608	\$45,398,611	\$176,927,306
FOUNDATION	241	\$19,114,236	\$1,087,742	\$1,971,542	\$1,964,433	\$24,137,953
INDUSTRIAL	67	\$7,050,148	\$22,862	\$506,571	\$2,393,006	\$9,972,586
PRIVATE/OTHER	85	\$2,709,104	\$330,528	\$616,606	\$513,429	\$4,169,667
TOTAL MAIN CAMPUS	1,442	\$146,525,454	\$6,130,252	\$12,282,328	\$50,269,478	\$215,207,512
PPPL DOE PRIME CONTRACT	1	113,106,622	(4,630)	(231,972)	2,856,943	115,726,963
TOTAL CAMPUS / PPPL	1,443	\$259,632,076	\$6,125,622	\$12,050,356	\$53,126,421	\$330,934,475

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

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

***Inc: CDC, DOI, FBI, IMLS, NEA, State Dept, USAID and USDA

SECTION II

TABLE 7-1 - Section 1

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2016 - June 30, 2017)

DEPARTMENT / PROGRAM	No. of Awards*	GRAND TOTAL EXPENDITURES	NIH		NSF		DOE		AIR FORCE	
NATURAL SCIENCES	825	137,393	171	38,320	183	33,881	41	6,471	7	1,470
Applied & Computational Math	19	2,455	2	354	6	581	1	118	1	332
Astrophysical Sciences	109	12,727			19	2,798	15	1,345	2	267
Atmospheric & Oceanic Sciences	22	9,377			7	502	2	202		
Center for Statistics and Machine Learning	1	69								
Chemistry	86	14,014	25	4,064	11	1,218	6	1,075	1	105
Ecology & Evolutionary Biology	50	3,188	3	431	17	848				
Geosciences	48	3,484			25	1,707	2	271		
Lewis-Siegler Institute	79	12,700	34	8,102	5	887	1	406		
Mathematics	45	3,778			34	2,680			1	298
Molecular Biology	141	20,094	57	13,627	5	971				
Physics	88	26,435			36	16,411	13	2,915	2	469
Princeton Environmental Institute	17	7,373			6	4,135	1	139		
Princeton Inst for Computat'l Sci & Engin (PICSciE)	5	415			3	290				
Princeton Neuroscience Institute (PNI)	96	18,467	44	9,641	7	668				
Psychology	19	2,817	6	2,100	2	185				
ENGINEERING & APPLIED SCIENCES	474	63,537	15	3,949	166	19,709	33	5,044	16	4,781
Andlinger Ctr for Energy & Environment	26	3,454			7	405	7	1,272	1	151
Center for Information Technology Policy	1	5								
Chemical & Biological Engineering	74	8,123	9	2,688	15	1,087	5	824	3	816
Civil & Environ. Engineering	62	5,639			14	2,131	3	376		
Computer Science	67	10,054	1	282	41	5,377			1	1,739
Electrical Engineering	83	9,439			43	2,878	4	1,217	4	655
Mechanical & Aerospace Engineering	80	8,169			16	1,007	8	170	4	612
Oper. Res. & Financial Engineering	29	3,808	3	877	16	1,030			2	808
PRISM	52	14,847	2	102	14	5,796	6	1,187	1	2
HUMANITIES & SOCIAL SCIENCES	124	13,679	9	3,488	19	855	0	0	0	0
Anthropology	2	20			2	20				
Architecture School	1	543								
Center for the Study of Religion	3	283								
East Asian Studies	1	118								
East Asian Studies Program	1	18								
Economics	16	572			8	504				
English	1	207								
Gender and Sexuality Studies	1	(13)								
History	6	282								
History of Science	1	5			1	5				
Industrial Relations	1	79								
Near Eastern Studies	1	141								
Near Eastern Studies Program	1	146								
Philosophy	3	134								
Politics	12	380			5	101				
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	2	18								
Sociology	5	356			2	194				
Woodrow Wilson School	48	6,492			1	31				
Population Research (WWS)	16	3,799	9	3,488						
Survey Research Center (WWS)	2	100								
NON-ACADEMIC DEPARTMENTS	19	598	0	0	0	0	0	0	0	0
Art Museum	8	247								
Center for Human Values	1	3								
Graduate School	2	28								
Health Services	4	236								
Library	1	41								
Teacher Preparation	3	43								
TOTAL, MAIN CAMPUS	1442	215,208	195	45,757	368	54,446	74	11,515	23	6,252
Plasma Physics Laboratory	1	115,727					1	115,727		
GRAND TOTAL	1443	330,934	195	45,757	368	54,446	75	127,242	23	6,252

*Count added to Award Dept. but expenditures added to Project Dept.

NOTES:

- Figures are rounded out to nearest dollar
- Expenditures less than +/- \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes CDC, DoED, DOI, DOT, FAA, FBI, IMLS, NEA, State Dept, USAID, & USDA

SECTION II

TABLE 7-1 - Section 2

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2016 - June 30, 2017)

DEPARTMENT / PROGRAM	NAVY		NASA		ARMY		STATE OF NJ		DOC (NIST/NOAA)		DARPA	
NATURAL SCIENCES	9	755	33	4,643	10	4,286	14	771	6	7,857	2	807
Applied & Computational Math	4	235			1	134						
Astrophysical Sciences			18	1,964								
Atmospheric & Oceanic Sciences			5	610					5	7,850		
Center for Statistics and Machine Learning												
Chemistry	1	(5)			3	1,591	*	65			1	537
Ecology & Evolutionary Biology					1	125						
Geosciences			3	189					1	8		
Lewis-Siegler Institute		(0)					2	87				
Mathematics												
Molecular Biology	1	14			2	801	9	449				
Physics	2	69	6	1,808	2	1,431					1	270
Princeton Environmental Institute			1	72								
Princeton Inst for Computat'l Sci & Engin (PICSciE)												
Princeton Neuroscience Institute (PNI)	1	443			1	205	2	121				
Psychology							1	49				
ENGINEERING & APPLIED SCIENCES	23	5,108	18	1,753	18	3,542	2	72	9	756	7	1,873
Andlinger Ctr for Energy & Environment	2	207										
Center for Information Technology Policy												
Chemical & Biological Engineering					1	24	2	72	2	9	1	305
Civil & Environ. Engineering			11	756	1	38			7	746		
Computer Science	1	175			1	2					4	810
Electrical Engineering	5	683			3	251					1	566
Mechanical & Aerospace Engineering	10	2,660	7	996	6	654						
Oper. Res. & Financial Engineering	2	185			1	209						
PRISM	3	1,197			5	2,365					1	193
HUMANITIES & SOCIAL SCIENCES	1	200	0	0	0	0	0	0	0	0	0	0
Anthropology												
Architecture School												
Center for the Study of Religion												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
Gender and Sexuality Studies												
History												
History of Science												
Industrial Relations												
Near Eastern Studies												
Near Eastern Studies Program												
Philosophy												
Politics												
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)												
Sociology												
Woodrow Wilson School	1	200										
Population Research (WWS)												
Survey Research Center (WWS)												
NON-ACADEMIC DEPARTMENTS	0	0	0	0	0	0	1	30	0	0	0	0
Art Museum							1	30				
Center for Human Values												
Graduate School												
Health Services												
Library												
Teacher Preparation												
TOTAL, MAIN CAMPUS	33	6,063	51	6,395	28	7,828	17	873	15	8,613	9	2,680
Plasma Physics Laboratory												
GRAND TOTAL	33	6,063	51	6,395	28	7,828	17	873	15	8,613	9	2,680

*Count added to Award Dept. but expenditures added to I

NOTES:

- Figures are rounded out to nearest dollar
- Expenditures less than +/- \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes CDC, DoED, DOI, DOT, FAA, FBI, IMLS, NEA, State Dept, USAID, & USDA

SECTION II

TABLE 7-1 - Section 3

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2016 - June 30, 2017)

DEPARTMENT / PROGRAM	DTRA/ DSCA/NSA		NEH		NI (IARPA/CIA)		EPA		OTHER GOVT		GOVERNMENT	
NATURAL SCIENCES	2	439	0	0	1	3,044	0	0	3	77	482	102,821
Applied & Computational Math											15	1,754
Astrophysical Sciences	1	173									55	6,547
Atmospheric & Oceanic Sciences											19	9,163
Center for Statistics and Machine Learning											0	0
Chemistry											48	8,650
Ecology & Evolutionary Biology									1	31	22	1,434
Geosciences	1	266							1	40	33	2,481
Lewis-Siegler Institute											42	9,482
Mathematics											35	2,978
Molecular Biology											74	15,862
Physics											62	23,373
Princeton Environmental Institute									1	6	9	4,352
Princeton Inst for Computat'l Sci & Engin (PICSciE)											3	290
Princeton Neuroscience Institute (PNI)					1	3,044					56	14,122
Psychology											9	2,334
ENGINEERING & APPLIED SCIENCES	2	1,465	0	0	0	0	1	2	4	187	314	48,241
Andlinger Ctr for Energy & Environment											17	2,034
Center for Information Technology Policy											0	0
Chemical & Biological Engineering											38	5,823
Civil & Environ. Engineering							1	2	1	103	38	4,151
Computer Science											49	8,385
Electrical Engineering											60	6,250
Mechanical & Aerospace Engineering									2	89	53	6,188
Oper. Res. & Financial Engineering	1	20									25	3,129
PRISM	1	1,445							1	(5)	34	12,281
HUMANITIES & SOCIAL SCIENCES	0	0	2	158	0	0	0	0	2	373	33	5,074
Anthropology											2	20
Architecture School											0	0
Center for the Study of Religion											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											8	504
English											0	0
Gender and Sexuality Studies											0	0
History			1	17							1	17
History of Science											1	5
Industrial Relations											0	0
Near Eastern Studies			1	141							1	141
Near Eastern Studies Program									1	146	1	146
Philosophy											0	0
Politics											5	101
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)											0	0
Sociology											2	194
Woodrow Wilson School									1	227	3	459
Population Research (WWS)											9	3,488
Survey Research Center (WWS)											0	0
NON-ACADEMIC DEPARTMENTS	0	0	0	0	0	0	0	0	2	41	3	71
Art Museum									2	41	3	71
Center for Human Values											0	0
Graduate School											0	0
Health Services											0	0
Library											0	0
Teacher Preparation											0	0
TOTAL, MAIN CAMPUS	4	1,903	2	158	1	3,044	1	2	11	678	832	156,207
Plasma Physics Laboratory											1	115,727
GRAND TOTAL	4	1,903	2	158	1	3,044	1	2	11	678	833	271,934

*Count added to Award Dept. but expenditures added to I

NOTES:

- Figures are rounded out to nearest dollar
- Expenditures less than +/- \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes CDC, DoED, DOI, DOT, FAA, FBI, IMLS, NEA, State Dept, USAID, & USDA

SECTION II

TABLE 7-1 - Section 4

MASTER SUMMARY OF SPONSORED RESEARCH - (Expenditures - \$ in Thousands)
BY DEPARTMENT AND SPONSOR (July 1, 2016 - June 30, 2017)

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
NATURAL SCIENCES	121	12,519	37	6,658	185	15,394
Applied & Computational Math	3	534			1	166
Astrophysical Sciences	3	419	1	4	50	5,757
Atmospheric & Oceanic Sciences					3	213
Center for Statistics and Machine Learning			1	69		
Chemistry	9	1,559	18	2,778	11	1,026
Ecology & Evolutionary Biology	11	486			17	1,268
Geosciences	4	160	3	295	8	549
Lewis-Siegler Institute	13	1,210			24	2,007
Mathematics	10	800				(0)
Molecular Biology	26	1,671	6	409	35	2,153
Physics	16	2,347	4	408	6	307
Princeton Environmental Institute	2	644	2	2,067	4	310
Princeton Inst for Computat'l Sci & Engin (PICSciE)					2	125
Princeton Neuroscience Institute (PNI)	20	2,522	2	629	18	1,194
Psychology	4	167			6	316
ENGINEERING & APPLIED SCIENCES	22	2,608	52	4,837	86	7,851
Andlinger Ctr for Energy & Environment	2	34	4	946	3	439
Center for Information Technology Policy					1	5
Chemical & Biological Engineering	9	636	11	644	16	1,020
Civil & Environ. Engineering		(0)	9	924	15	563
Computer Science	4	690	3	79	11	901
Electrical Engineering	2	122	7	444	14	2,624
Mechanical & Aerospace Engineering	2	60	11	596	14	1,325
Oper. Res. & Financial Engineering			2	562	2	117
PRISM	3	1,067	5	642	10	857
HUMANITIES & SOCIAL SCIENCES	66	7,091	1	238	24	1,276
Anthropology						
Architecture School	1	543				
Center for the Study of Religion	2	274			1	9
East Asian Studies	1	118				
East Asian Studies Program	1	18				
Economics	5	48			3	20
English	1	207				
Gender and Sexuality Studies	1	(13)				
History	4	220			1	45
History of Science						
Industrial Relations					1	79
Near Eastern Studies						
Near Eastern Studies Program						
Philosophy					3	134
Politics	5	205			2	74
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	2	18				
Sociology	2	122			1	39
Woodrow Wilson School	35	4,981	1	238	9	814
Population Research (WWS)	4	248			3	63
Survey Research Center (WWS)	2	100				
NON-ACADEMIC DEPARTMENTS	9	217	0	0	7	310
Art Museum	5	175				
Center for Human Values					1	3
Graduate School	2	28				
Health Services	2	14			2	223
Library					1	41
Teacher Preparation					3	43
TOTAL, MAIN CAMPUS	218	22,435	90	11,733	302	24,832
Plasma Physics Laboratory						
GRAND TOTAL	218	22,435	90	11,733	302	24,832

*Count added to Award Dept. but expenditures added to I

NOTES:

- Figures are rounded out to nearest dollar
- Expenditures less than +/- \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes CDC, DoED, DOI, DOT, FAA, FBI, IMLS, NEA, State Dept, USAID, & USDA

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, 2016 - June 30, 2017)

DEPARTMENT / PROGRAM	No. of Awards*	GRAND TOTAL EXPENDITURES	NIH		NSF		DOE		AIR FORCE	
NATURAL SCIENCES	825	137,393	217	42,615	200	36,573	51	7,121	11	1,599
Applied & Computational Math	19	2,455	3	521	6	581	1	118	1	332
Astrophysical Sciences	109	12,727			20	4,498	19	1,461	3	270
Atmospheric & Oceanic Sciences	22	9,377			8	526	2	202		
Center for Statistics and Machine Learning	1	69								
Chemistry	86	14,014	27	4,492	14	1,358	9	1,429	4	231
Ecology & Evolutionary Biology	50	3,188	6	866	18	877				
Geosciences	48	3,484			27	1,772	4	421		
Lewis-Siegler Institute	79	12,700	46	9,271	6	1,062	1	406		
Mathematics	45	3,778			34	2,680			1	298
Molecular Biology	141	20,094	77	15,093	5	971				
Physics	88	26,435	1	33	37	16,490	14	2,945	2	469
Princeton Environmental Institute	17	7,373			8	4,401	1	139		
Princeton Inst for Computat'l Sci & Engin (PICSciE)	5	415			5	415				
Princeton Neuroscience Institute (PNI)	96	18,467	50	10,130	9	738				
Psychology	19	2,817	7	2,208	3	204				
ENGINEERING & APPLIED SCIENCES	474	63,537	28	4,784	180	20,806	46	6,577	25	5,867
Andlinger Ctr for Energy & Environment	26	3,454			7	405	7	1,272	2	376
Center for Information Technology Policy	1	5								
Chemical & Biological Engineering	74	8,123	14	2,938	17	1,132	7	910	5	1,275
Civil & Environ. Engineering	62	5,639			16	2,148	9	983		
Computer Science	67	10,054	6	663	44	5,700			1	1,739
Electrical Engineering	83	9,439			46	3,100	5	1,309	5	715
Mechanical & Aerospace Engineering	80	8,169	1	41	16	1,007	11	804	9	955
Oper. Res. & Financial Engineering	29	3,808	4	918	16	1,064			2	808
PRISM	52	14,847	3	224	18	6,252	7	1,299	1	1
HUMANITIES & SOCIAL SCIENCES	124	13,679	11	3,541	21	887	0	0	0	0
Anthropology	2	20			2	20				
Architecture School	1	543								
Center for the Study of Religion	3	283								
East Asian Studies	1	118								
East Asian Studies Program	1	18								
Economics	16	572			8	504				
English	1	207								
Gender and Sexuality Studies	1	(13)								
History	6	282								
History of Science	1	5			1	5				
Industrial Relations	1	79								
Near Eastern Studies	1	141								
Near Eastern Studies Program	1	146								
Philosophy	3	134	1	33	1	27				
Politics	12	380			6	106				
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	2	18								
Sociology	5	356			2	194				
Woodrow Wilson School	48	6,492			1	31				
Population Research (WWS)	16	3,799	10	3,508						
Survey Research Center (WWS)	2	100								
NON-ACADEMIC	19	598	0	0	0	0	0	0	0	0
Art Museum	8	247								
Center for Human Values	1	3								
Graduate School	2	28								
Health Services	4	236								
Library	1	41								
Teacher Preparation	3	43								
TOTAL, MAIN CAMPUS	1442	215,207	256	50,939	401	58,266	97	13,698	36	7,466
Plasma Physics Laboratory	1	115,727					1	115,727		
GRAND TOTAL	1443	330,934	256	50,939	401	58,266	98	129,424	36	7,466

*Count added to Award Dept. but expenditures added to Project Dept.

NOTES:

- Figures are rounded out to nearest dollar
- Expenditures less than +/- \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes CDC, DoED, DOI, DOT, FAA, FBI, IMLS, NEA, State Dept, USAID, & USDA

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, 2016 - June 30, 2017)

DEPARTMENT / PROGRAM	NAVY		NASA		ARMY		STATE OF NJ		DOC (NIST/NOAA)		DARPA	
NATURAL SCIENCES	11	939	76	7,848	12	4,573	14	771	7	7,864	4	937
Applied & Computational Math	4	235			1	134						
Astrophysical Sciences			60	5,100								
Atmospheric & Oceanic Sciences			5	610					5	7,850		
Center for Statistics and Machine Learning												
Chemistry	1	(5)			3	1,591	*	65			1	537
Ecology & Evolutionary Biology					1	125			1	7	2	130
Geosciences			4	257	1	210			1	8		
Lewis-Siegler Institute		(0)					2	87				
Mathematics												
Molecular Biology	1	14			2	801	9	449				
Physics	3	150	6	1,808	2	1,431					1	270
Princeton Environmental Institute			1	72								
Princeton Inst for Computat'l Sci & Engin (PICSciE)												
Princeton Neuroscience Institute (PNI)	2	546			2	282	2	121				
Psychology							1	49				
ENGINEERING & APPLIED SCIENCES	24	5,445	27	2,309	25	4,242	2	72	9	756	14	3,645
Andlinger Ctr for Energy & Environment	2	207										
Center for Information Technology Policy												
Chemical & Biological Engineering					1	24	2	72	2	9	1	305
Civil & Environ. Engineering			13	905	2	51			7	746		
Computer Science	1	175			1	2					4	810
Electrical Engineering	5	683			6	673					6	2,182
Mechanical & Aerospace Engineering	11	2,997	13	1,369	6	654					1	113
Oper. Res. & Financial Engineering	2	185			1	209					1	42
PRISM	3	1,197	1	34	8	2,629					1	193
HUMANITIES & SOCIAL SCIENCES	2	310	0	(1)	0	0	0	0	0	0	0	0
Anthropology												
Architecture School												
Center for the Study of Religion												
East Asian Studies												
East Asian Studies Program												
Economics												
English												
Gender and Sexuality Studies												
History												
History of Science												
Industrial Relations												
Near Eastern Studies												
Near Eastern Studies Program												
Philosophy												
Politics												
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)												
Sociology				(1)								
Woodrow Wilson School	2	310										
Population Research (WWS)												
Survey Research Center (WWS)												
NON-ACADEMIC	0	0	0	0	1	134	3	56	0	0	0	0
Art Museum							1	30				
Center for Human Values												
Graduate School												
Health Services					1	134						
Library												
Teacher Preparation							2	26				
TOTAL, MAIN CAMPUS	37	6,693	103	10,156	38	8,949	19	899	16	8,619	18	4,582
Plasma Physics Laboratory												
GRAND TOTAL	37	6,693	103	10,156	38	8,949	19	899	16	8,619	18	4,582

*Count added to Award Dept. but expenditures added to I

NOTES:

- Figures are rounded out to nearest dollar
- Expenditures less than +/- \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes CDC, DoED, DOI, DOT, FAA, FBI, IMLS, NEA, State Dept, USAID, & USDA

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, 2016 - June 30, 2017)

DEPARTMENT / PROGRAM	DTRA/ DSCA/NSA		NEH		NI (IARPA/CIA)		EPA		OTHER GOVT		GOVERNMENT	
NATURAL SCIENCES	5	780	0	0	2	3,210	0	0	4	74	614	114,905
Applied & Computational Math											16	1,921
Astrophysical Sciences	1	173									103	11,502
Atmospheric & Oceanic Sciences											20	9,188
Center for Statistics and Machine Learning											0	0
Chemistry											59	9,697
Ecology & Evolutionary Biology									2	28	30	2,033
Geosciences	1	266							1	40	39	2,975
Lewis-Siegler Institute											55	10,825
Mathematics											35	2,978
Molecular Biology											94	17,328
Physics	2	317									68	23,914
Princeton Environmental Institute	1	24							1	6	12	4,641
Princeton Inst for Computat'l Sci & Engin (PICSciE)											5	415
Princeton Neuroscience Institute (PNI)					2	3,210					67	15,028
Psychology											11	2,461
ENGINEERING & APPLIED SCIENCES	3	1,615	0	0	0	0	2	106	5	233	390	56,456
Andlinger Ctr for Energy & Environment											18	2,260
Center for Information Technology Policy											0	0
Chemical & Biological Engineering											49	6,664
Civil & Environ. Engineering							2	106	2	149	51	5,088
Computer Science											57	9,088
Electrical Engineering											73	8,661
Mechanical & Aerospace Engineering									2	89	70	8,028
Oper. Res. & Financial Engineering	1	20									27	3,246
PRISM	2	1,595							1	(5)	45	13,421
HUMANITIES & SOCIAL SCIENCES	0	0	2	158	0	0	0	0	3	441	39	5,336
Anthropology											2	20
Architecture School											0	0
Center for the Study of Religion											0	0
East Asian Studies											0	0
East Asian Studies Program											0	0
Economics											8	504
English											0	0
Gender and Sexuality Studies											0	0
History			1	17							1	17
History of Science											1	5
Industrial Relations											0	0
Near Eastern Studies			1	141							1	141
Near Eastern Studies Program									1	146	1	146
Philosophy											2	60
Politics									1	68	7	174
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)											0	0
Sociology											2	194
Woodrow Wilson School									1	227	4	568
Population Research (WWS)										(1)	10	3,507
Survey Research Center (WWS)											0	0
NON-ACADEMIC	0	0	0	0	0	0	0	0	2	41	6	231
Art Museum									2	41	3	71
Center for Human Values											0	0
Graduate School											0	0
Health Services											1	134
Library											0	0
Teacher Preparation											2	26
TOTAL, MAIN CAMPUS	8	2,395	2	158	2	3,210	2	106	14	790	1049	176,927
Plasma Physics Laboratory											1	115,727
GRAND TOTAL	8	2,395	2	158	2	3,210	2	106	14	790	1050	292,654

*Count added to Award Dept. but expenditures added to I

NOTES:

- Figures are rounded out to nearest dollar
- Expenditures less than +/- \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes CDC, DoED, DOI, DOT, FAA, FBI, IMLS, NEA, State Dept, USAID, & USDA

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, 2016 - June 30, 2017)

DEPARTMENT / PROGRAM	FOUNDATIONS		INDUSTRY		PRIVATE/ OTHER	
NATURAL SCIENCES	137	14,059	31	6,121	43	2,308
Applied & Computational Math	3	534				
Astrophysical Sciences	3	419			3	807
Atmospheric & Oceanic Sciences	1	186			1	3
Center for Statistics and Machine Learning			1	69		
Chemistry	9	1,559	17	2,728	1	30
Ecology & Evolutionary Biology	14	740			6	415
Geosciences	5	208	3	295	1	6
Lewis-Siegler Institute	17	1,720			7	154
Mathematics	10	800				
Molecular Biology	28	1,809	6	409	13	548
Physics	18	2,406	1	91	1	25
Princeton Environmental Institute	2	644	2	2,067	1	20
Princeton Inst for Computat'l Sci & Engin (PICSciE)						
Princeton Neuroscience Institute (PNI)	22	2,700	1	463	6	276
Psychology	5	332			3	24
ENGINEERING & APPLIED SCIENCES	24	2,634	35	3,613	25	835
Andlinger Ctr for Energy & Environment	2	34	5	968	1	193
Center for Information Technology Policy					1	5
Chemical & Biological Engineering	9	636	10	584	6	238
Civil & Environ. Engineering	1	8	4	394	6	149
Computer Science	5	708	3	79	2	180
Electrical Engineering	2	122	5	645	3	11
Mechanical & Aerospace Engineering	2	60	4	106	4	(24)
Oper. Res. & Financial Engineering			2	562		
PRISM	3	1,067	2	276	2	83
HUMANITIES & SOCIAL SCIENCES	70	7,225	1	238	14	880
Anthropology						
Architecture School	1	543				
Center for the Study of Religion	2	274			1	9
East Asian Studies	1	118				
East Asian Studies Program	1	18				
Economics	6	51			2	17
English	1	207				
Gender and Sexuality Studies	1	(13)				
History	4	220			1	45
History of Science						
Industrial Relations					1	79
Near Eastern Studies						
Near Eastern Studies Program						
Philosophy					1	74
Politics	5	205				
Princeton Inst. for Int'l. & Reg'l Studies (PIIRS)	2	18				
Sociology	3	162				(0)
Woodrow Wilson School	36	5,032	1	238	7	653
Population Research (WWS)	5	289			1	3
Survey Research Center (WWS)	2	100				
NON-ACADEMIC	10	220	0	0	3	147
Art Museum	5	175				
Center for Human Values	1	3				
Graduate School	2	28				
Health Services	2	14			1	88
Library					1	41
Teacher Preparation					1	17
TOTAL, MAIN CAMPUS	241	24,138	67	9,973	85	4,170
Plasma Physics Laboratory						
GRAND TOTAL	241	24,138	67	9,973	85	4,170

*Count added to Award Dept. but expenditures added to I

NOTES:

- Figures are rounded out to nearest dollar
- Expenditures less than +/- \$1,000 not counted
- Figures in () represent negative quantities, usually the result of adjustments to closed accounts.
- Other Govt includes CDC, DoED, DOI, DOT, FAA, FBI, IMLS, NEA, State Dept, USAID, & USDA

SECTION III

This Section lists sponsored awards by department/program which were active during the period of July 1, 2016 to June 30, 2017.

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Andlinger Center for Energy and the Environment

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Ann	CNV1000881	Grant	Quantum Mechanical Evaluation of CZTS Photovoltaic Materials	DOE - Washington	9/1/2009	11/30/2017	\$1,207,000
Carter, Emily Ann	CNV1002660	Grant	CDS&E: Correlated Wavefunction Methods for Gas and Condensed Phases	NSF - National Science Foundation	9/1/2013	8/31/2017	\$420,000
White, Claire Emily	CNV1003136	Grant	Sulfate Attack Mechanisms in Geopolymers: Measurements and Modeling at the Nanoscale	NSF - National Science Foundation	7/1/2014	6/30/2018	\$299,933
Carter, Emily Ann	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.	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 Artemus	AWD1004104	Grant	Collaborative Research: High-Density, Cost-Effective Electrochemical Power Management with Real-Time Diagnostics	NSF - National Science Foundation	9/1/2014	8/31/2017	\$150,000
Rand, Barry P.	AWD1004182	Grant	ITO-Free White OLEDs on Flexible Substrates with Enhanced Light Out Coupling	DOE - Pittsburgh NETL	9/10/2014	11/9/2016	\$1,021,242
Larson, Eric David	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 David	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	3/31/2017	\$1,275,832
Carter, Emily Ann	AWD1004297	Grant	Shedding Light on Plasmon-Based Photochemical and Photophysical Processes	Rice University	11/1/2014	10/31/2017	\$869,054
Meggers, Forrest Michael	AWD1004353	Grant	Downdraft Solar Chimney for Passive Cooling in Arid Climates	Tides Foundation	4/1/2015	12/31/2016	\$10,000
Carter, Emily Ann	AWD1004388	Grant	Advancing Orbital-Free Density Functional Theory: Physics, Algorithms, and Applications	Office of Naval Research	4/1/2015	3/31/2018	\$675,000
Larson, Eric David	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
Loo, Yueh Lin	AWD1004474	Contract	ExxonMobil Research and Engineering (EMRE) Company - Princeton E-filiates Partnership	ExxonMobil Research and Engineering Co.	6/4/2015	6/3/2020	\$4,681,651
Meggers, Forrest Michael	AWD1004702	Contract	3-for-2 - Beyond Efficiency: Realizing Spatial, Material, and Energy Savings Through Integrated Design, Advanced Systems and Controls	ETH Zurich	7/1/2015	8/31/2018	\$143,000
Steingart, Daniel Artemus	AWD1004607	Contract	Determination of Aqueous / Aprotic Lithium Plating Properties	alpha-En Corporation	9/1/2015	8/31/2017	\$226,247

Andlinger Center for Energy and the Environment (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Steingart, Daniel Artemus	AWD1004649	Cooperative Agreement	FEASIBLE: Fast Electrochemical Acoustic Signal Interrogation for Battery Lifetime Extrapolation and Extension	DOE Advanced Res Projects Agency - Energy	10/1/2015	3/30/2017	\$499,976
Rand, Barry P.	AWD1004653	Grant	Uncovering the Device Physics of Metal Halide Perovskite Solar Cells	U.S.-Israel Binational Science Fdn.	10/1/2015	9/30/2017	\$60,000
Kolemen, Egemen	AWD1004852	Grant	Real-time Electron Temperature and Density Profile Measurements for NSTX-U	DOE - Washington	5/15/2016	5/14/2019	\$648,052
White, Claire Emily	AWD1004840	Grant	CAREER: SusChEM: Controlling Carbonation Degradation in Sustainable Cements by Stabilizing Amorphous Calcium Carbonate	NSF - National Science Foundation	7/1/2016	6/30/2021	\$549,718
Rand, Barry P.	AWD1004884	Grant	Exploiting Multiple Exciton Effects in Organic Solar Cells	NSF - National Science Foundation	7/1/2016	6/30/2019	\$329,609
Kolemen, Egemen	AWD1004885	Grant	Physics-Based Real-time Analysis and Control to Achieve Transient-Free Operations for the ITER Era	DOE - Washington	7/15/2016	7/14/2021	\$848,599
Loo, Yueh Lin	AWD1005050	Grant	DMREF: Collaborative Research: Organic Semiconductors by Computationally-Accelerated Refinement (OSCAR)	NSF - National Science Foundation	10/1/2016	9/30/2019	\$255,000
Koel, Bruce E.	AWD1005330	Grant	University Coalition for Fossil Energy Research	The Pennsylvania State University	10/1/2016	3/31/2018	\$199,632
Rand, Barry P.	AWD1004849	Grant	Understanding Processing and Device Function of Metal Halide Perovskite Thin Film Solar Cells	Office of Naval Research	12/1/2016	11/30/2019	\$547,110
Steingart, Daniel Artemus	AWD1005091	Contract	A Membrane Free Natural Convection ZnBr ₂ Battery	Bromine Compounds Ltd (BCL)	1/1/2017	12/31/2017	\$150,000
Chen, Minjie	AWD1005397	Grant	Developing a Smart Energy Router for Flexible and Efficient DC Power Distribution in Smart Homes and Buildings	Siebel Energy Institute	4/17/2017	2/28/2018	\$50,000

AnthropologyACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	NSF - National Science Foundation	9/1/2014	2/28/2017	\$16,733
Greenhouse, Carol Jane	AWD1004524	Grant	Doctoral Dissertation Research: An Ethnographic Study of Lay Participation in the United States Criminal Justice System	NSF - National Science Foundation	9/1/2015	8/31/2018	\$21,033
Davis, Elizabeth Anne	AWD1004820	Grant	Doctoral Dissertation Research: An Ethnographic Analysis of Care and Criminal Law in California's Mental Health Courts	NSF - National Science Foundation	3/1/2016	2/28/2017	\$13,860

Applied & Computational Mathematics

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	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	NSF - National Science Foundation	9/17/2012	9/30/2017	\$599,998
E, Weinan	CNV1002142	Grant	Modeling Mesoscale Processes of Scalable Synthesis	DOE - Washington	12/1/2012	11/30/2017	\$600,000
E, Weinan	CNV1002178	Grant	Multi-scale/Multi-physics Modeling: Rare events in Complex Systems	Office of Naval Research	2/1/2013	7/31/2016	\$523,794
Seymour, Paul Douglas	CNV1002422	Grant	"Collaborative Research: Cliques, Stable Sets, and Approximate Structure"	NSF - National Science Foundation	8/1/2013	7/31/2018	\$240,000
Seymour, Paul Douglas	CNV1003052	Grant	Problems in Graph Theory	Office of Naval Research	4/1/2014	9/30/2017	\$533,986
Singer, Amit	AWD1004091	Grant	Improved Algorithms for Macromolecular Structure Determination by Cryo-EM	NIH NIGMS	8/1/2014	6/30/2018	\$1,311,545
Singer, Amit	CNV1003113	Grant	Simons Collaboration on Algorithms and Geometry	The Simons Foundation	8/1/2014	7/31/2018	\$656,816
Holmes, Philip John	AWD1004096	Grant	U.S. - German Collaboration: Central Pattern Generators and Reflexive Feedback in Insect Locomotion: A Cross-Species Study	NSF - National Science Foundation	8/15/2014	7/31/2018	\$506,745
Holmes, Philip John	AWD1004257	Cooperative Agreement	Integrative Functional Mapping of Sensory-Motor Pathways	Calif Inst of Technology (Cal Tech)	9/30/2014	7/31/2018	\$412,937
Singer, Amit	AWD1004217	Grant	Moore Investigators in Data Driven-Discovery	Gordon and Betty Moore Foundation	12/1/2014	11/20/2019	\$1,501,459
Chudnovsky, Maria	AWD1004526	Grant	Collaborative Research: Cliques, Stable Sets and Approximate Structure	NSF - National Science Foundation	7/15/2015	7/31/2018	\$210,155
Constantin, Peter	AWD1004562	Grant	Mathematical Methods for Water Problems	NSF - National Science Foundation	8/15/2015	7/31/2018	\$600,000
Singer, Amit	AWD1004655	Grant	Diffusion Scattering Networks	U.S.-Israel Binational Science Fdn.	9/1/2015	8/31/2019	\$35,568
Abbe, Emmanuel Auguste	AWD1004727	Grant	CAREER: Information-Theoretic Foundations of Community Detection and Graphical Channels	NSF - National Science Foundation	2/15/2016	1/31/2021	\$500,000
Chudnovsky, Maria	AWD1004908	Grant	Coloring Perfect Graphs	Army Research Office	7/18/2016	12/17/2018	\$422,056
Seymour, Paul Douglas	AWD1005230	Grant	Graph Coloring Questions	Office of Naval Research	6/1/2017	5/31/2018	\$125,000

ArchitectureACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	\$1,967,981
Nordenson, Guy J.P.	AWD1005235	Contract	Regional Corridors of Resilience and Equity	Regional Plan Association	11/1/2016	10/31/2017	\$120,000
Gandelsonas, Mario Isaac	AWD1005241	Grant	Princeton-Mellon Initiative: Cities on the Edge: Hemispheric Comparisons and Connections	The Andrew W. Mellon Foundation	3/22/2017	9/30/2020	\$1,200,810

Art Museum

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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.	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	10/31/2017	\$99,493
Steward, James C.	AWD1004696	Grant	Nature's Nation: American Art and Environment	The Henry Luce Foundation, Inc.	11/5/2015	11/4/2017	\$125,000
Steward, James C.	AWD1004675	Grant	Programming for the Art Museum	Rita Allen Foundation, Inc.	12/1/2015	11/30/2016	\$5,000
Steward, James C.	AWD1005113	Grant	2016 General Operating Support	Rita Allen Foundation, Inc.	1/1/2016	12/31/2016	\$4,000
Steward, James C.	AWD1004857	Grant	The Berlin Painter	Stavros Niarchos Foundation	6/2/2016	9/17/2017	\$100,000
Steward, James C.	AWD1005041	Grant	Nature's Nation: American Art and Environment	National Endowment for the Arts	7/1/2016	6/30/2018	\$50,000
Steward, James C.	AWD1005112	Grant	PUAM - FY2017 Application for General Support	NJ State Council on the Arts	7/1/2016	6/30/2017	\$30,000
Steward, James C.	AWD1005037	Grant	Princeton University Art Museum Asian Art Collections Discovery	U.S. Inst of Museum & Library Services	11/1/2016	10/31/2018	\$150,000
Steward, James C.	AWD1005116	Grant	Clarence White and His World: The Art and Craft of Photography, 1895 -1925	The Henry Luce Foundation, Inc.	1/1/2017	12/31/2018	\$150,000
Steward, James C.	AWD1005117	Grant	Collections Research Initiative	The Andrew W. Mellon Foundation	1/1/2017	12/31/2019	\$300,000
Steward, James C.	AWD1005200	Grant	NEA 2016 Berlin Painter Proposal	National Endowment for the Arts	1/1/2017	12/31/2017	\$30,000

Astrophysical Sciences

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Goodman, Jeremy J.	CNV1001093	Grant	Predicting Signatures of Accretion and Turbulence in Protoplanetary Disks	NASA Headquarters - Washington	9/1/2010	8/31/2017	\$362,000
Fisch, Nathaniel J.	CNV1001447	Grant	Wave Compression in High Energy Density Matter: Building Switches in Dense Plasmas	Defense Threat Reduction Agency	7/7/2011	6/14/2017	\$810,000
Cen, Renyue	CNV1001519	Grant	Simulating Galaxies Across Reionization: A Multiwavelength View	NSF - National Science Foundation	9/1/2011	2/28/2017	\$624,088
Bowen, David Vernon	CNV1001616	Contract	QSO Absorption Line Systems from Dwarf Galaxies	Space Telescope Science Institute	11/1/2011	2/28/2017	\$184,453
Spergel, David N.	CNV1001817	Grant	Cosmic Microwave Background as a Probe of the Low Redshift	NASA Headquarters - Washington	5/1/2012	4/30/2017	\$300,000
Cen, Renyue	CNV1001755	Grant	High-Redshift Galaxy Formation Simulations	NASA Headquarters - Washington	7/1/2012	6/30/2017	\$529,000
Bowen, David Vernon	CNV1002153	Contract	Mapping Baryons in the Halo of NGC 1097	Space Telescope Science Institute	10/1/2012	9/30/2016	\$221,221
Fisch, Nathaniel J.	CNV1002184	Grant	Center for Pulsed Power Driven High Energy Density Plasmas	Cornell University	10/1/2012	9/30/2017	\$525,000
Bakos, Gaspar Aron	CNV1002124	Grant	Packard Fellowship Grant: Gaspar Bakos	The David and Lucile Packard Foundation	10/17/2012	10/15/2017	\$875,000
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
Bakos, Gaspar Aron	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	4/8/2017	\$771,800
Bhattacharjee, Amitava	CNV1002432	Grant	Collaborative Research: Integration of Extended MHD and Kinetic Effects in Global Magnetosphere Models	NSF - National Science Foundation	6/15/2013	5/31/2018	\$1,280,000
Brennan, Dylan Patrick	CNV1002433	Grant	Interactions Between Microturbulence and Magnetohydrodynamic Instabilities in Magnetized Plasmas	DOE - Washington	8/15/2013	1/31/2018	\$345,000
Ebrahimi, Fatima	CNV1002434	Grant	Extended MHD Studies of Flow-Driven and Reconnecting Instabilities in Toroidal Plasmas	DOE - Germantown	8/15/2013	8/14/2017	\$425,000
Stone, James McLellan	CNV1002436	Grant	Collaborative Research: Black Hole Accretion Theory and Computation Network	NSF - National Science Foundation	9/1/2013	8/31/2017	\$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	\$289,129
Stone, James McLellan	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	\$289,759

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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>
Greene, Jenny E.	CNV1002440	Grant	Megamaser Disk Galaxies and Secular Black Hole Growth	NSF - National Science Foundation	9/1/2013	8/31/2016	\$223,500
Stone, James McLellan	CNV1002441	Grant	MHD Models of Accretion Disks in Close Binaries	NSF - National Science Foundation	9/1/2013	8/31/2017	\$311,500
Ostriker, Eve Charis	CNV1002443	Grant	The Physics of Feedback and Star Formation Regulation in Galactic Disks	NSF - National Science Foundation	9/1/2013	8/31/2017	\$415,516
Spergel, David N.	CNV1002442	Grant	Combining Thermal SZ and Gravitational Lensing Measurements: A Novel Approach to Measuring the Amplitude of Matter Fluctuations	NSF - National Science Foundation	9/15/2013	8/31/2017	\$539,488
Goodman, Jeremy J.	CNV1002444	Grant	Experiments in Magnetohydrodynamic and Hydrodynamic Instabilities of Astrophysical Interest	NSF - National Science Foundation	9/15/2013	8/31/2018	\$487,630
Penev, Kaloyan Minev	CNV1002445	Grant	The Origins of Close-in Extrasolar Planets	NASA Headquarters - Washington	10/1/2013	9/30/2016	\$104,000
Jenkins, Edward Beynon	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	9/30/2017	\$42,026
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
Ji, Hantao	CNV1002989	Grant	MRI Consortium: Development of A Large Plasma Device for Studies of Magnetic Reconnection and Related Phenomena	NSF - National Science Foundation	10/1/2013	9/30/2017	\$3,078,369
Jenkins, Edward Beynon	CNV1002901	Contract	Advanced Spectral Library II: Hot Stars	Space Telescope Science Institute	11/1/2013	10/31/2016	\$146,818
Burrows, Adam S.	CNV1002929	Contract	Follow The Water: The Ultimate WFC3 Exoplanet Atmosphere Survey	Space Telescope Science Institute	12/1/2013	11/30/2016	\$19,999
Ostriker, Eve Charis	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	12/31/2017	\$502,897
Morton, Timothy Davies	CNV1002965	Grant	Completing the Kepler Census of Earth-like Planets	NASA Shared Services Center	2/11/2014	2/10/2018	\$448,851
Hartman, Joel David	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	\$162,061
Gunn, James Edward	AWD1004250	Grant	ARC Agreement SSP422, SDSS-IV Support	Astrophysical Research Consortium (ARC)	4/1/2014	12/31/2017	\$223,513
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

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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>
Jenkins, Edward Beynon	CNV1003137	Contract	Directly Probing $>10^6$ K Gas in Lyman Limit Absorbers at $z > 2$	Space Telescope Science Institute	5/1/2014	4/30/2018	\$84,752
Bakos, Gaspar Aron	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
Spitkovsky, Anatoly	CNV1003037	Grant	Simons Investigator - A. Spitkovsky	The Simons Foundation	8/1/2014	7/31/2019	\$660,000
Draine, Bruce T.	AWD1004067	Grant	Interstellar Dust: Optics and Models	NSF - National Science Foundation	8/15/2014	7/31/2018	\$454,820
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	NSF - National Science Foundation	9/1/2014	8/31/2018	\$317,602
Spitkovsky, Anatoly	AWD1004192	Grant	Gamma-Ray Production in Pulsar Current Sheets	NASA Headquarters - Washington	9/1/2014	8/31/2016	\$180,000
Ebrahimi, Fatima	AWD1004183	Grant	Global Simulations of Dynamo and Magnetorotational Instability in Madison Plasma Experiments and Astrophysical Disks	DOE - Germantown	9/15/2014	9/14/2017	\$220,000
Bakos, Gaspar Aron	AWD1004209	Contract	Supporting TESS from the ground with HATNET	Massachusetts Institute of Technology	10/1/2014	10/8/2019	\$374,646
Lupton, Robert Hugh	AWD1004264	Contract	Testbed Photometric Data Processor	Assn of Univ for Rsrch in Astronomy, Inc	10/1/2014	9/30/2017	\$4,189,655
Bhattacharjee, Amitava	AWD1004507	Grant	Collaborative Research: Integration of Extended MHD and Kinetic Effects in Global Magnetosphere Models	NSF - National Science Foundation	10/21/2014	5/31/2019	\$612,689
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
Spergel, David N.	AWD1004187	Grant	Tidal Effects in Few-body Interactions	Smithsonian Astrophysical Observatory	12/1/2014	11/30/2017	\$336,689
Goulding, Andrew David	AWD1004302	Grant	Probing the Extreme AGN Blowout Phase of Galaxy Evolutio	Smithsonian Astrophysical Observatory	12/25/2014	1/31/2018	\$36,183
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 Vernon	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
Morton, Timothy Davies	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
Burrows, Adam S.	AWD1004324	Grant	Optimal Observational Diagnostics for Transiting Exoplanetary Atmospheres	University of Maryland	1/26/2015	1/25/2018	\$135,000

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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>
Jenkins, Edward Beynon	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
Bowen, David Vernon	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
Goulding, Andrew David	AWD1004332	Grant	Harnessing the Full Power of the Widest Chandra Field	Smithsonian Astrophysical Observatory	3/3/2015	9/30/2016	\$43,576
Bakos, Gaspar Aron	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
Huang, Yi-Min	AWD1004381	Grant	Plasma Instabilities in Post-Eruption Solar Corona, Formation of Plasmoids and Supra-Arcade Downflows	NSF - National Science Foundation	5/15/2015	4/30/2018	\$357,000
Jenkins, Edward Beynon	AWD1004428	Contract	Using ISM Abundances in the SMC to Correct for Element Depletions by Dust in QSO Absorption Line Systems	Space Telescope Science Institute	6/1/2015	6/30/2017	\$227,204
Spitkovsky, Anatoly	AWD1004518	Grant	First-Principles Simulations of Pulsar Magnetospheres	NASA Headquarters - Washington	6/5/2015	6/4/2018	\$599,406
Brennan, Dylan Patrick	AWD1004433	Grant	Stability and Control of Burning Tokamak Plasmas with Resistive Walls	DOE - Washington	7/1/2015	6/30/2018	\$450,000
Greene, Jenny E.	AWD1005057	Contract	Extended X-ray Emission From a Quasar-driven Superbubble	Space Telescope Science Institute	7/1/2015	6/30/2018	\$10,373
Hartman, Joel David	AWD1004558	Contract	Confirming the Inflated Size of a Transiting Super-Jupiter with WHIRC	Cal Tech - Jet Propulsion Lab (JPL)	7/22/2015	7/1/2017	\$19,250
Stone, James McLellan	AWD1004536	Grant	A Max-Planck/Princeton Research Center for Plasma Physics	NSF - National Science Foundation	8/1/2015	7/31/2018	\$540,000
Spitkovsky, Anatoly	AWD1004583	Grant	Formation and Diagnostics of Collisionless Shock in Laser-Produced Plasmas	DOE - Chicago	8/15/2015	8/14/2018	\$640,000
Fisch, Nathaniel J.	AWD1004505	Grant	Equation of State for Hydrodynamic Compression in Turbulent Z-pinch	NSF - National Science Foundation	9/1/2015	8/31/2018	\$285,000
Cen, Renyue	AWD1004564	Grant	Unveiling True Galaxy Abundance Evolution at z=6-15 with Precision Simulations and Analysis	NSF - National Science Foundation	9/1/2015	8/31/2018	\$764,413
Spitkovsky, Anatoly	AWD1004574	Grant	Kinetic and Multiscale Simulations of Particle Acceleration in Astrophysical Shocks	NSF - National Science Foundation	9/1/2015	8/31/2018	\$457,936
Spitkovsky, Anatoly	AWD1004582	Grant	Particle Acceleration and Emission Processes in Pulsar Magnetospheres	NASA Headquarters - Washington	9/1/2015	8/31/2017	\$60,000
Ji, Hantao	AWD1004661	Grant	Creation of Magnetized Jet Using a Hollow Ring of Laser Beams	Rice University	9/1/2015	8/31/2017	\$52,333
Bakos, Gaspar Aron	AWD1004634	Contract	Confirming and Characterizing Transiting Neptunes and Transiting Planets around M Dwarfs	Cal Tech - Jet Propulsion Lab (JPL)	9/8/2015	7/30/2017	\$14,500

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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>
Spitkovsky, Anatoly	AWD1004308	Grant	Generation of Collisionless Shocks in Laser - Produced Plasmas	DOE - National Nuclear Security Admin	9/15/2015	9/14/2017	\$209,698
Fisch, Nathaniel J.	AWD1004588	Grant	Studies in Raman Compression	Air Force Office of Scientific Research	9/15/2015	9/14/2020	\$1,200,000
Lupton, Robert Hugh	AWD1004489	Grant	Joint Source Detection, Deblending, and Measurement for WFIRST-AFTA and LSST	NASA Headquarters - Washington	10/1/2015	9/30/2017	\$312,510
Stone, James McLellan	AWD1004548	Grant	Modeling and Probing the Physics of Multiphase Gas Condensation in Hot Halos	Smithsonian Astrophysical Observatory	10/1/2015	9/30/2017	\$229,470
Bhattacharjee, Amitava	AWD1004606	Grant	Dynamics of Magnetic Reconnection and Instabilities of Current Sheets in High-Energy-Density Plasmas	DOE - National Nuclear Security Admin	10/1/2015	9/30/2017	\$370,078
Fisch, Nathaniel J.	AWD1004609	Grant	Fundamental Issues in the Interaction of Intense Lasers with Plasma	DOE - National Nuclear Security Admin	10/1/2015	9/30/2018	\$930,000
Spergel, David N.	AWD1004652	Contract	Combining CMB (ActPol, Stage IV) and Weak Lensing Data (HSC, Euclid, WFIRST, LSST)	Cal Tech - Jet Propulsion Lab (JPL)	10/6/2015	9/25/2016	\$17,500
Burrows, Adam S.	AWD1004679	Contract	Preparing to Observe Exoplanets with the JWST and WFIRST-AFTA - Year 2	Cal Tech - Jet Propulsion Lab (JPL)	10/27/2015	3/25/2017	\$75,000
Brennan, Dylan Patrick	AWD1004711	Contract	DIH-D National Fusion Program Research and Facility Operations and Advanced Fusion Technology Research and Development	General Atomics	11/18/2015	11/17/2017	\$185,000
Brennan, Dylan Patrick	AWD1004715	Contract	Stability Analyses of Compact Toroid Compression Experiments	General Fusion Inc.	1/1/2016	12/31/2018	\$156,460
Bakos, Gaspar Aron	AWD1004737	Contract	Confirming and Characterizing Transiting Neptunes and Transiting Planets around M Dwarfs Using Keck/Hires 2016	Cal Tech - Jet Propulsion Lab (JPL)	1/4/2016	12/31/2017	\$15,000
Hartman, Joel David	AWD1004740	Contract	Secondary Eclipse Observations of Hot Jupiters with WHIRC	Cal Tech - Jet Propulsion Lab (JPL)	1/4/2016	1/1/2018	\$10,800
Spergel, David N.	AWD1004745	Contract	WFIRST Science Investigation Teams and Adjutant Scientists	NASA Goddard Space Flight Center	1/19/2016	1/18/2018	\$593,270
Goulding, Andrew David	AWD1004759	Grant	Probing AGN Feedback on Nuclear and Galaxy-Wide Scales	Smithsonian Astrophysical Observatory	1/21/2016	1/20/2018	\$52,664
Jenkins, Edward Beynon	AWD1004758	Contract	Project AMIGA: Mapping the Circumgalactic Medium of Andromeda	Space Telescope Science Institute	2/1/2016	1/31/2019	\$12,654
Bakos, Gaspar Aron	AWD1004760	Grant	Observing High-priority Transit Candidates and Eclipsing Binaries from HATSouth with K2 Long-cadence Photometry	NASA Headquarters - Washington	2/5/2016	2/4/2017	\$14,000
Greene, Jenny E.	AWD1004769	Contract	Homogeneous Distances and Central Profiles for MASSIVE Survey Galaxies with Supermassive Black Holes	Space Telescope Science Institute	3/1/2016	2/28/2019	\$39,181

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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>
Bowen, David Vernon	AWD1004770	Contract	Damped Lyman-alpha Systems in the Disks of Low-z SDSS Galaxies on Top of QSOs	Space Telescope Science Institute	3/1/2016	2/28/2019	\$47,782
Ebrahimi, Fatima	AWD1004765	Contract	Numerical Studies of Flux Closure and Plasmoid Instability during CHI Startup in NSTX-U	Princeton Plasma Physics Laboratory	3/2/2016	9/30/2016	\$137,500
Spergel, David N.	AWD1004818	Contract	Constraining Dark Energy and Modified Gravity with Euclid Part 2	Cal Tech - Jet Propulsion Lab (JPL)	3/9/2016	5/31/2018	\$125,373
Greene, Jenny E.	AWD1004803	Contract	The Structures of Dwarf Galaxies Hosting Massive Black Holes	Space Telescope Science Institute	4/1/2016	3/31/2019	\$8,779
Spergel, David N.	AWD1004895	Contract	Integration and Operational Test of Individually Tested H4RG Detector in The Near-infrared (NIR) Camera System	Kavli Institute for Physics & Mathematics	4/1/2016	3/15/2017	\$450,000
Greene, Jenny E.	AWD1004816	Grant	Extended X-ray Emission From a Quasar-driven Superbubble	Smithsonian Astrophysical Observatory	4/5/2016	4/4/2018	\$25,135
Brennan, Dylan Patrick	AWD1004799	Contract	Computational Assessment of the Effects of Differential Rotation between Rational Surfaces on Disruptive Instabilities in DIII-D	Princeton Plasma Physics Laboratory	4/6/2016	11/30/2016	\$72,392
Greene, Jenny E.	AWD1004948	Contract	WFIRST-EXPO	University of California at Santa Cruz	4/19/2016	4/18/2018	\$9,720
Zirnstien, Eric J.	AWD1005179	Grant	Pick-Up Ions and Energetic Neutral Atoms: Implications for the Termination Shock	University of Alabama at Huntsville	5/1/2016	3/31/2019	\$69,883
Burrows, Adam S.	AWD1004890	Contract	Characterizing Extrasolar Planetary Systems with the WFIRST Chronograph	Stanford University	5/20/2016	4/28/2021	\$622,719
Kunz, Matthew Walter	AWD1004888	Grant	Kinetic Turbulence, Ion Heating, and Plasma Microphysics in the Solar Wind and Numerical	NASA Headquarters - Washington	6/1/2016	5/31/2019	\$427,883
Fisch, Nathaniel J.	AWD1004933	Grant	Optimizing Current Drive in the Presence of Alpha Particles	DOE - Chicago	6/15/2016	6/14/2019	\$350,000
McComas, David J.	AWD1004920	Contract	Integrated Science Investigation of the Sun	The Johns Hopkins University	7/11/2016	9/29/2018	\$6,321,394
Brennan, Dylan Patrick	AWD1004974	Cooperative Agreement	Simulation Center for Runaway Electron Avoidance and Mitigation	DOE - Washington	7/15/2016	7/14/2018	\$168,942
Winn, Joshua Nathan	AWD1004993	Contract	Stellar Obliquities for Hosts of Warm Jupiters	Cal Tech - Jet Propulsion Lab (JPL)	7/21/2016	6/30/2018	\$18,000
Spergel, David N.	AWD1004994	Contract	Cosmology with the WFIRST High Latitude Survey	Cal Tech - Jet Propulsion Lab (JPL)	7/21/2016	3/15/2017	\$149,080
Huang, Yi-Min	AWD1004961	Grant	Collaborative Research: The Evolution of Magnetic Skeletons During 3D Reconnection	DOE - Chicago	8/1/2016	7/31/2019	\$119,000
Bhattacharjee, Amitava	AWD1004958	Grant	Magnetic Reconnection in High-Energy-Density Laboratory Plasmas	DOE - Washington	8/15/2016	8/14/2019	\$753,300

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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>
Greene, Jenny E.	AWD1004990	Contract	Unveiling the Relationship Between AGN and the CGM: Feeding and Feedback	Space Telescope Science Institute	9/1/2016	8/31/2019	\$121,160
Strauss, Michael Abram	AWD1005022	Grant	Exploring the Dark Universe: Panoramic Imaging and Spectroscopy with the Subaru 8 meter Telescope	NSF - National Science Foundation	9/1/2016	8/31/2021	\$5,544,861
Greene, Jenny E.	AWD1005046	Grant	The Importance of Merging and Changes Over Time in Luminous Quasars Selected by the Wide-field Infrared Survey Explorer Observatory.	NSF - National Science Foundation	9/1/2016	8/31/2019	\$325,820
Winn, Joshua Nathan	AWD1005069	Contract	Toward a Comprehensive View of Planet Formation and Evolution: Probing the Role of Orbital Migration in Explanatory Systems from their Observed Architecture.	Cal Tech - Jet Propulsion Lab (JPL)	9/1/2016	8/31/2018	\$331,200
Hammett, Gregory Wayne	AWD1005129	Grant	Studies of Plasma Sheath Physics Using Continuum Kinetic Simulations of Plasmas	Virginia Polytechnic Inst & State Univ	9/1/2016	8/31/2019	\$336,000
Hartman, Joel David	AWD1005061	Contract	Searching for Faint Stellar Companions to Transiting Planet Candidates from HATNet with DSSI/WIYN	Cal Tech - Jet Propulsion Lab (JPL)	9/21/2016	9/21/2017	\$11,100
McComas, David J.	AWD1005058	Grant	IBEX - Interstellar Boundary Explorer Extended Mission	NASA Headquarters - Washington	10/1/2016	9/30/2017	\$1,517,900
McComas, David J.	AWD1005059	Grant	The Two Wide-angle Imaging Neutral-atom Spectrometers (TWINS) Mission of Opportunity	NASA Headquarters - Washington	10/21/2016	10/20/2017	\$569,000
Goulding, Andrew David	AWD1005143	Grant	A Homogeneous View of X-ray Halos in Massive Early-type Galaxies	Smithsonian Astrophysical Observatory	11/22/2016	1/10/2018	\$112,590
McComas, David J.	AWD1005101	Contract	Interstellar Boundary Explorer (IBEX- Contract)	NASA Headquarters - Washington	12/1/2016	11/30/2020	\$6,332,157
Jenkins, Edward Beynon	AWD1005103	Contract	Understanding the Sequestration of Krypton Atoms in the Interstellar Medium	Space Telescope Science Institute	12/1/2016	11/30/2019	\$192,898
Jenkins, Edward Beynon	AWD1005262	Contract	Metal Evolution and Transport in the Large Magellanic Cloud (METAL): Probing Dus Evolution in Star Forming Galaxies	Space Telescope Science Institute	12/1/2016	11/30/2019	\$121,046
Bakos, Gaspar Aron	AWD1005087	Grant	Monitoring the Sky with HATPI	Gordon and Betty Moore Foundation	12/2/2016	11/30/2018	\$1,000,931
Strauss, Michael Abram	AWD1005158	Contract	Constraining Dark Energy and Modified Gravity with Euclid	Cal Tech - Jet Propulsion Lab (JPL)	12/13/2016	11/30/2017	\$87,500
Bakos, Gaspar Aron	AWD1005080	Grant	Finding and Characterizing a Large and Diverse Population of Transiting Exoplanets with HATSouth in Support of NASA Space Missions	NASA Headquarters - Washington	1/1/2017	12/31/2019	\$613,855
Penev, Kaloyan Minev	AWD1005104	Grant	Unstable Roche-Lobe Overflow of Gaseous Planets	Boise State University	1/1/2017	12/31/2018	\$56,068
Cantiello, Matteo	AWD1005263	Grant	Time Domain Astrophysics	Research Corporation	1/1/2017	12/31/2017	\$50,000

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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>
Gaspari, Massimo	AWD1005160	Grant	The Spectacular Case of a Ram-Pressure Stripped Galaxy Group in the Outskirts of Hydra A/A780	Smithsonian Astrophysical Observatory	1/16/2017	1/15/2019	\$33,960
Raitses, Yevgeny	AWD1005156	Grant	Developing Methods of Control of Self-Organized Plasma Structures in Devices Relevant to Electric Propulsion	Air Force Office of Scientific Research	2/1/2017	1/31/2020	\$1,095,500
Spergel, David N.	AWD1005168	Contract	Combining CMB (ActPol, Stage IV) and Weak Lensing Data (HSC, Euclid, WFIRST, LSST)	Cal Tech - Jet Propulsion Lab (JPL)	2/14/2017	9/24/2017	\$17,500
Ostriker, Eve Charis	AWD1005213	Grant	Resolving Star Formation, Multiphase ISM Structure, and Wind Driving with MHD and RHD Models of Galactic Disks.	NASA Headquarters - Washington	2/14/2017	2/13/2020	\$490,061
Hartman, Joel David	AWD1005182	Contract	Follow-up Observations of HATNet Transiting Planet Candidates with WIYN	Cal Tech - Jet Propulsion Lab (JPL)	2/24/2017	1/17/2019	\$16,000
Burrows, Adam S.	AWD1005183	Contract	Transits and Eclipses of the Best of the Best: 23 Hot Jupiters for Atmospheric Characterization by Spitzer, Hubble and JWST	Cal Tech - Jet Propulsion Lab (JPL)	2/24/2017	3/31/2020	\$10,000
Bowen, David Vernon	AWD1005222	Contract	What is a Galaxy Halo Really Like?	Space Telescope Science Institute	3/1/2017	2/29/2020	\$138,171
Goulding, Andrew David	AWD1005223	Contract	High Spatial Resolution Imaging of AGN-driven Super-bubbles in Two Low-redshift Quasars	Space Telescope Science Institute	3/1/2017	2/29/2020	\$18,980
Greene, Jenny E.	AWD1005267	Contract	The Search for AU-scale Supermassive Black Hole Binaries	Space Telescope Science Institute	4/1/2017	3/31/2020	\$55,628
Stone, James McLellan	AWD1005287	Contract	Performance Evaluation of Detector and Read out System, Subaru Prime Focus Spectrograph	Kavli Institute for Physics & Mathematics	4/1/2017	3/15/2018	\$350,000
Spergel, David N.	AWD1005305	Contract	Optimal Cosmological Inference from Lensing and Redshift Observations, Cosmology Beyond Cosmic	Cal Tech - Jet Propulsion Lab (JPL)	5/3/2017	9/30/2017	\$60,000
Spergel, David N.	AWD1005335	Contract	Cosmology with the WFIRST High Latitude Survey	Cal Tech - Jet Propulsion Lab (JPL)	5/31/2017	9/24/2017	\$154,659
Kunz, Matthew Walter	AWD1005424	Grant	Instability, Turbulence, and Enhanced Transport in Collisionless Black-Hole Accretion Flows	NASA Headquarters - Washington	6/1/2017	5/31/2020	\$476,248
Hartman, Joel David	AWD1005347	Contract	Follow-up Observations of HATNet Transiting Planet Candidates with WIYN/WHIRC	Cal Tech - Jet Propulsion Lab (JPL)	6/29/2017	7/5/2019	\$19,950

Atmospheric & Oceanic Sciences

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Louis	CNV1000439	Cooperative Agreement	Cooperative Institute for Climate Science	U.S. DOC - Natl Oceanic & Atmos Admin	7/1/2008	6/30/2018	\$20,203,301
Vallis, Geoffrey K.	CNV1002831	Grant	Energy Pathways and Scale Interactions in the Ocean	NSF - National Science Foundation	3/15/2013	2/28/2017	\$365,082
Sarmiento, Jorge Louis	AWD1004131	Cooperative Agreement	Cooperative Institute for Climate Science	U.S. DOC - Natl Oceanic & Atmos Admin	7/1/2013	6/30/2018	\$27,033,211
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
Vecchi, Gabriel Andres	CNV1002682	Grant	Collaborative Research: Understanding and Forecasting North Atlantic and US Landfalling Tropical Cyclone Activity and Associated Rainfall	NSF - National Science Foundation	9/1/2013	2/28/2017	\$302,378
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	8/31/2018	\$451,000
Sarmiento, Jorge Louis	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
Legg, Sonya Allayne	CNV1003054	Grant	Collaborative Research: Continuation and Enhancement of MPOWIR	NSF - National Science Foundation	4/1/2014	3/31/2018	\$249,958
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	5/31/2018	\$42,266
Sarmiento, Jorge Louis	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 Louis	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	6/25/2018	\$715,124
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	6/27/2018	\$697,306
Fueglistaler, Stephan Andreas	AWD1004008	Grant	Analysis of Cirrus Clouds and Atmospheric Humidity with Cloud Resolving Numerical Model Calculations	NSF - National Science Foundation	7/1/2014	6/30/2018	\$443,075
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
Sarmiento, Jorge Louis	AWD1004094	Cooperative Agreement	Three-Dimensional Structure of the Southern Ocean Overturning Circulation	DOE - Washington	8/15/2014	8/14/2018	\$624,213
Sarmiento, Jorge Louis	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	\$553,557

Atmospheric & Oceanic Sciences (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Petrik, Colleen Mary	AWD1004659	Grant	Growth and Dispersal of Early Life History Stages of Arctic Cod and Saffron Cod under Variable Climate Forcing	North Pacific Research Board	9/1/2015	1/31/2018	\$11,800
Muhling, Barbara	AWD1004780	Grant	Fisheries and the Environment (FATE): A New Zooplankton Community Index and Recruitment Model to Improve Understanding of the Stock-Recruit Relationship for Western Atlantic Bluefin Tuna	University of Miami	9/1/2015	8/31/2016	\$28,454
Adcroft, Alistair James	AWD1004529	Grant	Collaborative Research: Energetically Consistent, Resolution Aware, Parameterization of Meso-Scale Eddies	NSF - National Science Foundation	10/1/2015	9/30/2018	\$364,137
Legg, Sonya Allayne	AWD1004626	Grant	Collaborative Research: Dynamics of the Orkney Passage Outflow	NSF - National Science Foundation	10/1/2015	9/30/2018	\$84,220
Key, Robert Marion	AWD1004754	Grant	Collaborative Research: Understanding the Changing Global Distribution of Radiocarbon: Sampling and Analysis from GO-SHIP and Ships of Opportunity Cruises	NSF - National Science Foundation	2/15/2016	1/31/2021	\$262,530
Balaji, Venkatramani	AWD1004880	Cooperative Agreement	Dream: Distributed Resources for the Earth System Grid Federation Advanced Management	DOE - Washington	3/1/2016	2/28/2018	\$900,000
Rodgers, Keith B.	AWD1005232	Grant	Roses 2016/Carbon Cycle Science - Evaluating Spatiotemporal Scales and Underlying Mechanisms for Emergence of Anthropogenic Trends in the Solubility and Biological Ocean Carbon Pumps	NASA Headquarters - Washington	3/16/2017	3/15/2020	\$572,982
Sarmiento, Jorge Louis	AWD1005306	Grant	Determination of the Relationship between Primary Production and Net Community Production in the Southern Ocean through the use Profiling Floats, Satellite Data, and Ecosystem Models	NASA Headquarters - Washington	3/16/2017	3/15/2020	\$907,349
Lin, Meiyun	AWD1005176	Contract	Characterizing Daily-to-yearly Variability in High-ozone Events from Regional Pollution Versus Stratospheric Intrusion	Clark County Department of Air Quality	4/1/2017	12/1/2018	\$142,605
Fueglistaler, Stephan Andreas	AWD1005319	Grant	Collaborative Research: Using SOCRATES Datasets to Improve Simulations of Clouds, Aerosols and their Climate Impacts	NSF - National Science Foundation	6/15/2017	5/31/2020	\$235,667

Center for Human Values

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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.	CNV1002869	Grant	Ethics of Reading and Cultures of Professionalism	Christian A. Johnson Endeavor Foundation	9/1/2013	12/31/2017	\$50,000
Singer, Peter Albert David	AWD1005194	Grant	The Good Life: A Utilitarian Perspective	Yale University	5/1/2017	6/30/2018	\$20,000

Center for Information Technology PolicyACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Feamster, Nicholas G.	AWD1005258	Grant	Gender-Based Violence and Safety in IT Design: Design Ethics Workshop	Institute of International Education	3/1/2017	6/1/2017	\$5,000

Center for Statistics and Machine LearningACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	3/31/2019	\$283,699

Center for the Study of Religion

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Teiser, Stephen F.	CNV1002951	Grant	Proposal to the Henry Luce Foundation: Dunhuang Art and Manuscripts	The Henry Luce Foundation, Inc.	11/1/2013	12/31/2018	\$250,000
Miller, David W.	AWD1004255	Grant	Princeton University: Advancing the Understanding of the Intersection of Faith & Work	The Kern Family Foundation	11/4/2014	9/1/2018	\$783,657
Wuthnow, Robert J.	AWD1005184	Grant	Making Choice Sacred: Liberal Religion and Reproductive Rights in the United States, 1965 - 1980	The Louisville Institute	1/2/2017	12/22/2017	\$20,325

Chemical and Biological Engineering

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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.	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	11/30/2018	\$1,262,325
Loo, Yueh Lin	CNV1001806	Cooperative Agreement	BASF-Understanding and Controlong Crystallization of our Semiconductors on Various Surfaces	BASF Corporation	6/1/2012	8/31/2016	\$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	5/30/2019	\$75,000
Brangwynne, Clifford Paul	CNV1002097	Grant	Cell Growth Control by Cell and Organelle Size-Dependent Ribosome Biogenesis	NIH NIGMS	9/30/2012	6/30/2017	\$2,415,000
Brangwynne, Clifford Paul	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
Aksay, Ilhan A.	CNV1002165	Grant	Smart Functional Nanoenergetic Materials	The Pennsylvania State University	11/1/2012	10/31/2017	\$2,375,001
Koel, Bruce E.	CNV1002542	Grant	Collaborative Research: Fundamentals of Biomass Upgrading to Fuels and Chemicals Over Catalytic Bimetallic Nanoparticles	NSF - National Science Foundation	8/15/2013	7/31/2016	\$199,998
Kevrekidis, Yannis George	CNV1002543	Grant	Collaborative Research: The Integration of Data-Mining with Multiscale Engineering Computations	NSF - National Science Foundation	8/15/2013	1/31/2017	\$525,000
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
Link, Aaron James	CNV1002535	Grant	Alfred P. Sloan Research Fellowship for Dr. A. James Link in ChemistryBiosynthesis, Discovery, and Engineering of Lasso Peptides	Alfred P. Sloan Foundation	9/15/2013	9/14/2017	\$50,000
Brangwynne, Clifford Paul	CNV1002544	Grant	CAREER: Non-Equilibrium RNA/Protein Liquids and Intracellular Phase Transitions	NSF - National Science Foundation	9/15/2013	8/31/2018	\$700,000
Loo, Yueh Lin	CNV1002899	Grant	Ultimate Electronic Device Scaling Using Structurally Precise Graphene Nanoribbons	Cornell University	9/15/2013	8/31/2016	\$215,652
Debenedetti, Pablo Gaston	CNV1002537	Contract	Computational Investigations of Keratins for Improved Hair Product Formulations	Unilever R&D, Port Sunlight	10/1/2013	9/30/2016	\$312,961
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	2/1/2017	\$383,329
Nelson, Celeste M.	CNV1002971	Grant	Exogenous Fluid Forces and Branching of the Mammalian Lung	NIH NHLBI	2/18/2014	1/31/2017	\$441,837
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	\$1,725,250

Chemical and Biological Engineering (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Register, Richard Alan	CNV1003149	Grant	Novel Block Copolymers (BCPs) for Butanol Pervaporation Membranes	Promerus LLC	4/15/2014	4/14/2017	\$150,000
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
Link, Aaron James	AWD1004050	Grant	Lasso Peptide Discovery	NIH NIGMS	8/1/2014	3/31/2019	\$1,582,050
Register, Richard Alan	CNV1003040	Grant	Melt-Miscible Polyethylene Block Copolymers	NSF - National Science Foundation	8/1/2014	7/31/2018	\$560,000
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	4/30/2018	\$1,613,925
Nelson, Celeste M.	AWD1004036	Grant	The Mechanics of Lung Development in Three Different Species	NSF - National Science Foundation	9/1/2014	8/31/2018	\$400,000
Kevrekidis, Yannis George	AWD1004095	Grant	Collaborative Research: A Distributed Approximate Dynamic Programming Approach for Robust Adaptive Control of Multiscale Dynamical Systems	NSF - National Science Foundation	9/1/2014	8/31/2017	\$167,000
Kevrekidis, Yannis George	AWD1004124	Grant	CDS&E: Collaborative Research: Data-Driven Predictive Modeling of Flows Containing Aggregating Particles	NSF - National Science Foundation	9/1/2014	8/31/2017	\$175,000
Brangwynne, Clifford Paul	CNV1003057	Grant	FG/RGG Mediated Nucleolar Assembly and its Impact on the Growth Dynamics of C. Elegans	Helen Hay Whitney Foundation	9/1/2014	9/1/2016	\$158,500
Panagiotopoulos, Athanassios Z.	CNV1003222	Grant	Collaborative Research: Exploiting Void Symmetries to Control the Self-Assembly of Nanoparticles	NSF - National Science Foundation	9/1/2014	8/31/2018	\$230,000
Prud'homme, Robert Krafft	AWD1004150	Contract	Targeting Nanoparticles for Therapeutic Delivery	GlaxoSmithKline - US	9/7/2014	12/31/2017	\$186,781
Brangwynne, Clifford Paul	CNV1003123	Grant	Alfred P. Sloan-Computational and Evolutionary Molecular Biology	Alfred P. Sloan Foundation	9/15/2014	9/14/2018	\$50,000
Priestley, Rodney D.	CNV1003143	Grant	Novel Nanoscale Studies, Processing and Discovery in Glassy Polymers	Alfred P. Sloan Foundation	9/15/2014	9/14/2018	\$50,000
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	\$213,461
Brynildsen, Mark Philip	AWD1004282	Grant	Career: Metabolic Engineering to Potentiate Immunity and Discover Novel Antivirulence Therapies	NSF - National Science Foundation	2/1/2015	1/31/2020	\$500,000

Chemical and Biological Engineering (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Prud'homme, Robert Krafft	AWD1004539	Grant	Anti-HIV Colorectal Nanocarrier-based Foams for Mucosal Preeexposure Prophylaxis	Rutgers University - New Brunswick	2/1/2015	1/31/2017	\$390,811
Koel, Bruce E.	AWD1004328	Contract	Evaluation of Synthesized Nanoparticles and Nanostructures, and Fundatmental Lab-Based Studies of Synthesis Processes	Princeton Plasma Physics Laboratory	3/3/2015	9/30/2017	\$230,000
Brynildsen, Mark Philip	AWD1004357	Grant	Investigating the Metabolic Mechanisms of Bacterial Persistence	Army Research Office	4/24/2015	4/23/2018	\$390,000
Brynildsen, Mark Philip	AWD1004377	Grant	Exploring Persister Antibiotic Responses as a Source of Biomarkers and Elimination Strategies	NIH NIAID	5/11/2015	4/30/2018	\$445,500
Koel, Bruce E.	AWD1004378	Grant	SusChEM: Insights into the Surface Chemistry of Water Oxidation on Pure and Modified Hematite Surfaces	NSF - National Science Foundation	6/1/2015	5/31/2018	\$498,223
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
Kevrekidis, Yannis George	AWD1004482	Grant	Collaborative Research: Unique Binding Geometries: Engineering and Modeling of Sticky Patches on Lipid Nanoparticles for Effective Targeting of Otherwise Untargetable Cells	NSF - National Science Foundation	8/1/2015	7/31/2018	\$225,722
Loo, Yueh Lin	AWD1004477	Grant	EAGER: Structural Development of Organometal Halide Perovskites for Thin-film Photovoltaics	NSF - National Science Foundation	9/1/2015	8/31/2017	\$100,000
Brangwynne, Clifford Paul	AWD1004587	Cooperative Agreement	Optogenetic Droplets: Using Light to Control Nucleoplasmic Phase Separation	NIH NIDA	9/1/2015	8/31/2018	\$677,894
Loo, Yueh Lin	AWD1004764	Grant	Electrical Response of MoS2 Transistors under Complex Strains	Oak Ridge Institute for Science & Educ	9/1/2015	8/31/2017	\$34,000
Kevrekidis, Yannis George	AWD1004589	Grant	EAGER-DynamicData: Collaborative Research: Dynamically Data-driven Morphing of Parsimonious Models for the Description of Transient Dynamics in Complex Systems	NSF - National Science Foundation	9/15/2015	8/31/2017	\$75,000
Loo, Yueh Lin	AWD1004572	Grant	Collaborative Research: Designing Functional Materials with Optimal Learning	NSF - National Science Foundation	1/1/2016	12/31/2018	\$249,999
Nelson, Celeste M.	AWD1004772	Grant	Matrix Stiffness Regulates Multinucleation in Mammary Epithelial Cells	NJ Commission on Cancer Research	1/1/2016	12/31/2017	\$50,000
Nelson, Celeste M.	AWD1004882	Grant	Interplay Between Matrix Stiffness, Hypoxia and Integrin-linked Kinase in the Regulation of Breast Cancer Stem Cell Niche	NJ Commission on Cancer Research	1/1/2016	12/31/2017	\$100,000
Brynildsen, Mark Philip	AWD1004742	Grant	High-throughput Quantification of Persister Physiology at the Systems Level	NIH NIAID	2/15/2016	1/31/2018	\$430,166

Chemical and Biological Engineering (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Aksay, Ilhan A.	AWD1004802	Grant	DURIP: Acquisition of an Evolved Gas Analysis System for Materials and Propellant Applications	Air Force Office of Scientific Research	3/15/2016	3/14/2017	\$72,326
Sundaresan, Sankaran	AWD1004783	Contract	Carbon Capture Simulation Initiative (CSI)	Lawrence Berkeley National Laboratory	3/17/2016	4/30/2017	\$237,288
Elbaum, Shana	AWD1004811	Grant	From Physiological Liquids to Pathological Gels: Regulation of Protein Phase Separation in Neurodegenerative Disease	NIH NINDS	4/1/2016	3/31/2018	\$182,190
Panagiotopoulos, Athanassios Z.	AWD1004782	Grant	Properties and Phase Equilibria for Product and Process Design (PPEPPD) International Conference, May 22 - 26, 2016 Porto , Portugal	NSF - National Science Foundation	5/1/2016	4/30/2017	\$22,000
Brangwynne, Clifford Paul	AWD1004832	Cooperative Agreement	NIST SURF-Gaithersburg Program-Anushka Dasgupta	Ntl Inst of Standards and Technology	5/1/2016	9/30/2016	\$9,290
Kevrekidis, Yannis George	AWD1005067	Cooperative Agreement	Multiscale Analysis of Trauma	University of Pennsylvania	5/1/2016	1/31/2017	\$50,993
Prud'homme, Robert Krafft	AWD1004860	Grant	Flash Nano Precipitation as a Scalable Platform for Drug Development	Bill & Melinda Gates Foundation	5/25/2016	11/30/2017	\$1,479,488
Prud'homme, Robert Krafft	AWD1004863	Grant	Collaborative Research: SuSchEM: Root-Targeted Delivery of Encapsulated Agrochemicals using Natural Microbial Carriers	NSF - National Science Foundation	6/1/2016	5/31/2019	\$111,056
Koel, Bruce E.	AWD1004924	Contract	STTR Phase I: High Performace Carbon Materials and Fuels form Cold Plasma Catalysis of Natural Gas	NEI Corporation	6/13/2016	3/12/2017	\$60,000
Sundaresan, Sankaran	AWD1004869	Grant	Coupling Tribocharging and Hydrodynamics in Fluidized Beds	NSF - National Science Foundation	7/1/2016	6/30/2019	\$393,037
Brynildsen, Mark Philip	AWD1004905	Grant	Investigating the Metabolic Program of Bacterial Persistence	Charles H. Revson Foundation	7/1/2016	6/30/2018	\$191,660
Brangwynne, Clifford Paul	AWD1004944	Grant	Cytoplasmic Organization by Phase Separations	Univ of No Carolina at Chapel Hill	7/1/2016	6/30/2018	\$59,522
Prud'homme, Robert Krafft	AWD1004988	Contract	Targeting Nanoparticles for Therapeutic Delivery-Dolutegravir	ViiV Healthcare	8/22/2016	8/21/2017	\$37,841
Panagiotopoulos, Athanassios Z.	AWD1005011	Grant	Leadership Class Scientific and Engineering Computing: Breaking Through the Limits (Blue Waters)	University of Illinois at Chicago	9/1/2016	8/31/2017	\$50,000
Avalos, Jose L.	AWD1004875	Grant	Alfred P. Sloan Research Fellowship for Dr. J. Avalos in Computational & Evolutionary Molecular Biology	Alfred P. Sloan Foundation	9/15/2016	9/14/2018	\$55,000
Kevrekidis, Yannis George	AWD1005075	Grant	Multiscale Modeling of the Mammalian Circadian Clock: The Role of GABA Signaling	University of Massachusetts	9/15/2016	6/30/2017	\$130,064

Chemical and Biological Engineering (5)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Debenedetti, Pablo Gaston	AWD1004871	Contract	Computational Investigation of Keratin Associated Proteins for Improved Hair Actives	Unilever R&D, Port Sunlight	10/1/2016	9/30/2019	\$332,978
Prud'homme, Robert Krafft	AWD1005205	Contract	Improve Current Ink Formulations or/and Generate a New Ink Formulation	Albert Browne Limited	10/1/2016	6/30/2017	\$45,346
Brangwynne, Clifford Paul	AWD1005029	Contract	HHMI Faculty Scholars Program Award - Clifford Brangwynne	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$900,000
Nelson, Celeste M.	AWD1005030	Contract	Howard Hughes Medical Institute - Celeste M Nelson	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$600,000
Brangwynne, Clifford Paul	AWD1005049	Cooperative Agreement	Cyborg Computation with Liquid Phases of Cytoplasm	Defense Advanced Research Projects Agency	11/1/2016	10/31/2017	\$478,499
Prud'homme, Robert Krafft	AWD1005079	Contract	Nanoparticle Formulations for Imaging and the Delivery of Biologics	Optimeos Life Sciences, LLC	12/8/2016	12/8/2017	\$270,122
Nelson, Celeste M.	AWD1005317	Grant	The Regulation of Tumor Dormancy by the Host Microenvironment	NJ Commission on Cancer Research	1/1/2017	12/31/2018	\$50,000
Brangwynne, Clifford Paul	AWD1005140	Contract	Collaborative Research Consortium: The Structure and Function of Membrane-less Organelles in Health and Disease	St. Jude's Children Research Hospital	2/1/2017	1/31/2022	\$1,500,000
Kevrekidis, Yannis George	AWD1005228	Grant	The DDDS Design of Programmable Mechanical Metamaterials	Massachusetts Institute of Technology	2/1/2017	1/31/2019	\$34,500
Kevrekidis, Yannis George	AWD1005296	Cooperative Agreement	Multiscale Analysis of Trauma	University of Pennsylvania	2/1/2017	1/31/2018	\$52,028
Brynildsen, Mark Philip	AWD1005173	Grant	Removing the Death Sentence from Enterohemorrhagic E.Coli Infections	New Jersey Health Foundation, Inc.	3/1/2017	2/28/2018	\$35,000
Brangwynne, Clifford Paul	AWD1005298	Grant	Architecture and Stability of Non-Membranated Organelles Investigated by Novel Cryo-Electron Tomography	U.S.-Israel Binational Science Fdn.	3/1/2017	2/28/2020	\$150,000
Panagiotopoulos, Athanassios Z.	AWD1005214	Contract	Supramolecular Structures Based on Tunable Building Blocks and Patchiness (SUSTUP)	King Abdullah Univ of Science and Tech	4/1/2017	3/31/2020	\$140,000
Brangwynne, Clifford Paul	AWD1005229	Grant	Elucidating Nucleolar Self-organization by Seeding Nuclei with Segregated Nucleolar Sublayers	Human Frontier Science Prog Org (HFSP)	4/1/2017	3/31/2020	\$189,060
Nelson, Celeste M.	AWD1005283	Cooperative Agreement	Engineering Invasive Human Breast Tumors with Integrated Capillaries and Lymphatics	Trustees of Boston University	4/1/2017	3/31/2018	\$231,941
Panagiotopoulos, Athanassios Z.	AWD1005285	Cooperative Agreement	2017 NIST Surf-Gaithersburg-Kevin Liu & Sally Jiao	Ntl Inst of Standards and Technology	5/1/2017	9/30/2017	\$13,836

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Cava, Robert Joseph	CNV1000008	Grant	New Superconducting Materials	DOE - Chicago	9/1/1998	1/31/2020	\$3,780,414
Rabitz, Herschel Albert	CNV1000102	Grant	Control of Molecular Dynamics: Algorithms for Design and Implementation	DOE - Washington	9/1/2002	10/31/2017	\$1,939,999
MacMillan, David W.C.	CNV1000335	Grant	Merck Center for Catalysis at Princeton University	Merck & Co., Inc.	10/18/2006	10/17/2026	\$10,098,630
Cava, Robert Joseph	CNV1000639	Grant	Johns Hopkins University Institute for Quantum Matter	The Johns Hopkins University	9/1/2008	8/31/2017	\$1,475,141
Bocarsly, Andrew Bruce	CNV1000683	Contract	The Electrocatalyzed Conversion of CO2 Organic Products	Liquid Light	7/1/2009	7/25/2016	\$524,591
Bocarsly, Andrew Bruce	CNV1000876	Grant	Photoelectrochemical Conversion of Carbon Dioxide to Methanol and Higher Order Alcohols	DOE - Washington	9/1/2009	8/31/2017	\$1,325,000
Cava, Robert Joseph	CNV1001304	Grant	Cryogenic Peltier Cooling	Ohio State University	9/15/2010	9/14/2016	\$937,500
Bocarsly, Andrew Bruce	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	9/14/2016	\$2,486,375
Chirik, Paul J.	CNV1001544	Grant	Understanding Nitrogen Fixation	DOE - Chicago	7/15/2011	8/14/2018	\$880,000
Rabitz, Herschel Albert	CNV1001670	Grant	Control of Quantum Open Systems:Theory and Experiment	University of Southern California	8/9/2011	11/8/2016	\$750,000
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
Doyle, Abigail Gutmann	CNV1001694	Grant	CAREER: New Reagents and Strategies for Catalytic Nucleophilic Fluorination	NSF - National Science Foundation	2/1/2012	1/31/2017	\$601,893
Groves, John Taylor	CNV1001804	Grant	MERIT: Molecular Probes of the Mechanisms of Cytochrome P450	NIH NIGMS	6/1/2012	3/31/2018	\$1,879,779
Muir, Thomas William	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	7/31/2018	\$1,357,384
Car, Roberto	CNV1002020	Grant	Predictive Computing for Condensed Matter	DOE - Chicago	9/1/2012	8/31/2017	\$749,998
Cava, Robert Joseph	CNV1002062	Grant	The Physics of Surface States with Interactions Mediated by Bulk Properties, Defects and Surface Chemistry	Army Research Office	9/15/2012	12/14/2017	\$5,532,335
Sorensen, Erik J.	CNV1002098	Cooperative Agreement	CCI Center in Selective C-H Functionalization	Emory University	9/15/2012	8/31/2017	\$546,272
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

Chemistry (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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.	CNV1002492	Contract	Base Metal Catalysis for Flavors and Fragrances	Firmenich SA	6/1/2013	8/31/2017	\$311,000
Doyle, Abigail Gutmann	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
Doyle, Abigail Gutmann	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 Albert	CNV1002505	Grant	RESEARCH AREA 7.1:Exploring the Systematics of Controlling Quantum Phenomena	Army Research Office	7/15/2013	7/14/2016	\$450,000
Fiedler, Dorothea	CNV1002497	Grant	Understanding Phosphate Metabolism in Cancer and Metastasis	Rita Allen Foundation, Inc.	9/1/2013	8/31/2018	\$500,000
Chan, Garnet Kin-Lic	CNV1002507	Grant	Quantum Embedding for Correlated Electronic Structure in Large Systems and the Condensed	DOE - Chicago	9/1/2013	8/31/2016	\$465,000
Muir, Thomas William	CNV1002508	Grant	Development and Applications of 'Designer Chromatin'	NIH NIGMS	9/1/2013	4/30/2017	\$1,200,180
Bocarsly, Andrew Bruce	CNV1002509	Grant	SusChEM: A Mechanistic Approach to Understanding and Lowering the Overpotential for CO2 Reduction to C1 Organic Products.	NSF - National Science Foundation	9/15/2013	8/31/2017	\$420,000
Carey, Jannette	CNV1003065	Grant	REU Site: Molecular Biophysics	NSF - National Science Foundation	4/1/2014	3/31/2018	\$599,309
Chirik, Paul J.	CNV1003141	Grant	Modern Alchemy: Base Metal Catalyzed Cross Coupling for the Pharmaceutical Industry	American Chemical Society	6/1/2014	5/31/2017	\$100,000
Hecht, Michael H.	AWD1004031	Grant	Toward Artificial Proteomes	NSF - National Science Foundation	7/1/2014	6/30/2018	\$991,483
Seyedsayamdost, Mohammad R.	AWD1004032	Grant	Searching the Cryptic Metabolome for New Therapeutic Molecules	Searle Scholars Program	7/1/2014	6/30/2018	\$300,000
Barstow, Buz Michael	AWD1004075	Grant	Career Award at the Scientific Interface	The Burroughs Wellcome Fund	7/1/2014	6/30/2018	\$146,464
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	\$607,918
Muir, Thomas William	CNV1003221	Grant	Mechanisms and Epigenetic Effectors of Cellular Reprogramming Factor Activity	NIH NIGMS	7/1/2014	6/30/2017	\$158,374
Seyedsayamdost, Mohammad R.	AWD1004014	Grant	Pew Scholars Program in the Biomedical Sciences	The Pew Charitable Trusts	8/1/2014	7/31/2019	\$240,006
Scholes, Gregory D.	AWD1004245	Grant	Photosynthetic Antenna Research Center (PARC)	Washington University	8/1/2014	7/31/2018	\$350,000
Cava, Robert Joseph	AWD1004093	Grant	Moore Synthesis Investigators	Gordon and Betty Moore Foundation	8/7/2014	8/6/2019	\$1,902,144
Ando, Nozomi	AWD1004105	Grant	Structural Characterizations of Transient and Heterogeneous Protein Complexes	NIH NIGMS	9/1/2014	7/31/2017	\$755,908

Chemistry (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
MacMillan, David W.C.	AWD1004136	Grant	Photoredox Catalysis in Organic Chemistry	NIH NIGMS	9/15/2014	5/31/2018	\$1,182,840
Knowles, Robert Randolph	CNV1003119	Grant	Sloan Research Fellowship	Alfred P. Sloan Foundation	9/15/2014	9/15/2016	\$50,000
MacMillan, David W.C.	AWD1004276	Grant	New Activation Modes in Organocatalysis	NIH NIGMS	12/15/2014	11/30/2018	\$1,209,260
Rabitz, Herschel Albert	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	\$953,913
Knowles, Robert Randolph	AWD1004253	Grant	Proton-Coupled Electron Transfer in Organic Synthesis and Asymmetric Catalysis	NIH NIGMS	1/1/2015	12/31/2019	\$1,339,615
Groves, John Taylor	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	2/1/2018	\$200,000
Bernasek, Steven L.	AWD1004439	Contract	Electrochemical Devices for Space-Based Sensor Applications	Utah State University Research Fdn	5/4/2015	11/16/2016	\$195,015
Rabitz, Herschel Albert	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	\$772,247
Groves, John Taylor	AWD1004436	Grant	Metal-Oxo and Metal-Peroxo Intermediates in Oxidative Catalysis	NSF - National Science Foundation	6/15/2015	5/31/2019	\$800,000
Rabitz, Herschel Albert	AWD1004438	Grant	Altering the Course of Quantum Dynamics Phenomena	NSF - National Science Foundation	6/15/2015	5/31/2018	\$549,000
MacMillan, David W.C.	AWD1004478	Contract	BMS Collaboration	Bristol-Myers Squibb Company	7/1/2015	6/30/2019	\$2,600,000
Muir, Thomas William	AWD1004500	Contract	Merck Nucleosome Collaboration	Merck & Co., Inc.	7/21/2015	7/20/2018	\$657,291
Rabitz, Herschel Albert	AWD1004473	Grant	Equipment for Optimal Dynamic Control of Multiple Quantum Systems	Army Research Office	8/15/2015	8/14/2017	\$357,729
Bocarsly, Andrew Bruce	AWD1004382	Grant	Structure and Dynamics in Heterogeneous Reactions	NSF - National Science Foundation	9/1/2015	8/31/2018	\$555,000
Groves, John Taylor	AWD1004441	Grant	Directing Metalloenzyme Movies	Arnold and Mabel Beckman Foundation	9/1/2015	8/31/2018	\$189,745
Knowles, Robert Randolph	AWD1004573	Grant	Fellowship: Faculty for the Future Program	Schlumberger Foundation	9/1/2015	8/31/2016	\$50,000
Doyle, Abigail Gutmann	AWD1004575	Grant	Electron-Deficient Olefins: New Ligands for Asymmetric Transition Metal Catalysis	NIH NIGMS	9/1/2015	8/31/2018	\$161,102
Muir, Thomas William	AWD1004698	Grant	Oncohistones: Role of Histone H3 Mutations in the Oncogenesis of Pediatric Cancers	Rockefeller University	9/9/2015	8/31/2020	\$2,430,270
Seyedsayamdost, Mohammad R.	AWD1004645	Grant	Implementing Innovative Approaches to Access the Hidden Metabolomes of Bacteria	NIH NIAID	9/30/2015	6/30/2020	\$2,344,925
Yang, Haw	AWD1004643	Contract	The Molecular Optical Deep-Cell Explorer: Beyond Imaging	Gordon and Betty Moore Foundation	10/1/2015	9/30/2018	\$2,327,572

Chemistry (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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.	AWD1004644	Contract	Redox-Non Innocent Catalysts for Alkene-CO2 Couplings	SABIC Technology Center	10/1/2015	9/30/2017	\$467,238
Groves, John Taylor	AWD1004662	Contract	BMS/PU Collaboration (Groves Oncology)	Bristol-Myers Squibb Company	10/22/2015	10/21/2016	\$126,328
Rabitz, Herschel Albert	AWD1004678	Grant	Optimal Dynamic Control of Multiple Quantum Systems for Multiplexed Bio-network Analysis and Optogenetics	Army Research Office	12/1/2015	11/30/2020	\$800,000
Scholes, Gregory D.	AWD1004851	Contract	Quantum Coherences in Artificial Light-Harvesting Complexes	University of Adelaide	1/1/2016	12/31/2018	\$26,508
Scholes, Gregory D.	AWD1004756	Grant	Bioinspired Solar Energy	Canadian Institute for Advanced Research	2/1/2016	1/31/2018	\$59,000
Chirik, Paul J.	AWD1004747	Grant	Toward Safe, Sustainable Chemical Synthesis: Iron-Catalyzed C-C and C-N Cross-Coupling	NIH NIGMS	2/4/2016	6/3/2017	\$74,791
Rabitz, Herschel Albert	AWD1004757	Grant	Optimal Dynamic Discrimination of Similar Molecules Exploiting OFC Sources	Defense Advanced Research Projects Agency	2/15/2016	2/14/2018	\$990,000
Cava, Robert Joseph	AWD1004881	Grant	MIP: Platform for the Accelerated Realization, Analysis, and Discovery of Interface Materials (Paradim)	Cornell University	3/1/2016	2/28/2021	\$650,000
Muir, Thomas William	AWD1004762	Grant	Epigenetic Mechanisms of Oncohistone Detoxification	NIH NCI	4/1/2016	3/31/2019	\$166,302
Scholes, Gregory D.	AWD1004853	Grant	Charge Transfer Resonance and Coherence in Solar Photochemistry	DOE - Washington	4/1/2016	3/31/2019	\$660,000
MacMillan, David W.C.	AWD1004834	Grant	Princeton Chemistry Catalysis Center Funding	AbbVie Inc.	5/1/2016	4/30/2017	\$50,000
Doyle, Abigail Gutmann	AWD1004844	Grant	Methods for Late-Stage Nucleophilic Fluorination and Radiofluorination	NSF - National Science Foundation	5/1/2016	4/30/2019	\$450,000
MacMillan, David W.C.	AWD1004850	Grant	C-H Activation via Synergistic Catalysis	NIH NIGMS	6/1/2016	5/31/2018	\$111,360
Chirik, Paul J.	AWD1004929	Grant	Novel Polymer-Derived Carbide and Boride Refractory Ceramics	Triton Systems Inc.	6/7/2016	2/6/2017	\$50,000
Chirik, Paul J.	AWD1004845	Grant	GOALI: SusChEM: An Industrial-Academic Collaboration for High Throughput Discovery of Base Metal Catalysis	NSF - National Science Foundation	7/1/2016	6/30/2019	\$516,000
Knowles, Robert Randolph	AWD1004910	Grant	Development of Novel Catalytic and Enantioselective Reactions of Radical Cations	NIH NIGMS	7/1/2016	5/31/2020	\$1,192,388
Bondar, Denys Ivanovych	AWD1004911	Grant	Operational Dynamical Modelling: Towards Efficient Model-Building and Simulation of Complex Systems	Air Force Office of Scientific Research	7/1/2016	6/30/2019	\$360,000
MacMillan, David W.C.	AWD1004931	Grant	Combining Nickel and Photoredox Catalysis	NIH NIGMS	8/1/2016	5/31/2020	\$1,391,281

Chemistry (5)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Albert	AWD1004968	Contract	Multiplexed Operational Control of Biological Sensors and Switches: Instrument R&D to Breakout Viability	Massive Dynamics, LLC	9/1/2016	3/31/2017	\$304,045
Doyle, Abigail Gutmann	AWD1005042	Contract	Celgene Research Agreement	Celgene Corporation	9/13/2016	9/12/2017	\$150,000
Ando, Nozomi	AWD1005009	Grant	Allosteric Motions of B12 Enzymes	NIH NIGMS	9/26/2016	9/25/2018	\$114,120
MacMillan, David W.C.	AWD1005035	Contract	Janssen Hydrogen_Deuterium Exchange Using Photocatalysis	Janssen Research & Development, LLC	9/26/2016	9/25/2017	\$40,000
MacMillan, David W.C.	AWD1005038	Contract	Direct C-H Methylation via Photoredox, Nickel, and HAT Catalysis	Janssen Research & Development, LLC	10/13/2016	10/12/2017	\$125,000
Doyle, Abigail Gutmann	AWD1005039	Contract	Visible Light Promoted Fluorination for Application to PET Imaging	Janssen Research & Development, LLC	10/13/2016	10/12/2017	\$125,000
Carey, Jannette	AWD1005012	Grant	NSF INCLUDES Launch Pilot: STEPs to STEM	NSF - National Science Foundation	11/1/2016	10/31/2018	\$299,998
Kleiner, Ralph Elliot	AWD1005074	Grant	Investigating the Importance of Post-translational Microtubule Modification using Recombinant Acetylated Tubulin	Damon Runyon Cancer Research Foundation	11/18/2016	8/31/2018	\$100,000
Muir, Thomas William	AWD1005084	Grant	Sculpting Chromatin Architecture in Live Cells Using Protein Chemistry	Damon Runyon Cancer Research Foundation	1/1/2017	12/31/2020	\$231,000
Chirik, Paul J.	AWD1005107	Grant	Earth Abundant Catalysts as an Enabling Tool for Organic Synthesis	NIH NIGMS	1/1/2017	12/31/2020	\$1,210,488
Groves, John Taylor	AWD1005280	Contract	Mechanism and Transient Kinetics of Hypervalent Iodine Alkane Oxidation (HIAO)	University of Virginia	1/27/2017	9/30/2017	\$20,000
Muir, Thomas William	AWD1005161	Grant	Peptide Autoinducers of Staphylococcal Pathogenicity	NIH NIAID	2/8/2017	1/31/2022	\$2,657,117
Muir, Thomas William	AWD1005180	Grant	Exploring Second-Tier Post-Translational Modifications in Chromatin Biology: A New Class of Histone Modifications with Undetermined Function	NIH NIGMS	3/1/2017	2/28/2019	\$116,232
Doyle, Abigail Gutmann	AWD1005186	Grant	Visible Light Promoted Fluorination for Application to PET Imaging	NIH NIGMS	3/1/2017	2/28/2019	\$113,760
MacMillan, David W.C.	AWD1005195	Contract	Discovery and Use of Novel Photoredox Transformations to Drug Discovery: Application in Continuous Flow	Eli Lilly and Company	3/8/2017	3/7/2019	\$260,000
Chirik, Paul J.	AWD1005226	Contract	C-H Functionalization with Earth Abundant Metal Catalysts: A New Tool for Drug Discovery	GlaxoSmithKline - US	3/21/2017	3/20/2019	\$40,000
MacMillan, David W.C.	AWD1005210	Grant	Alcohols as Latent Alkylating Agents Using Photoredox Organocatalysis	NIH NIGMS	4/1/2017	3/31/2019	\$113,760
Knowles, Robert Randolph	AWD1005264	Grant	Proton-Coupled Electron Transfer in Organic Synthesis and Asymmetric Catalysis	The Camille and Henry Dreyfus Fdn., Inc.	4/28/2017	4/27/2022	\$75,000

Chemistry (6)ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Carey, Jannette	AWD1005256	Grant	REU Training Site: Molecular Biophysics	NSF - National Science Foundation	5/1/2017	4/30/2021	\$588,674
Carrow, Bradley Patrick	AWD1005181	Grant	CAREER: Enabling Sustainable Polymer Synthesis through Design of New Catalysts	NSF - National Science Foundation	6/1/2017	5/31/2022	\$700,000
Selloni, Annabella	AWD1005351	Grant	Electronic Structure Workshop (ES17)	DOE - Washington	6/15/2017	6/14/2018	\$10,000

Civil and Environmental Engineering

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Garlock, Maria Eugenia Moreyra	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
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	NSF - National Science Foundation	1/1/2011	9/30/2016	\$1,375,182
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	NSF - National Science Foundation	9/1/2011	8/31/2016	\$310,404
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
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	6/30/2017	\$800,000
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
Celia, Michael Anthony	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	\$599,896
Wood, Eric F.	CNV1002847	Grant	Multi-Sensor Enhancement of Real-Time Satellite Precipitation Retrievals for Improved Drought Monitoring	NASA Headquarters - Washington	2/11/2013	2/10/2017	\$436,685
Pan, Ming	CNV1002530	Grant	Developing a Statistical-physical Integrated Approach for Downscaling Hydrologic Information from GCM	Michigan State University	3/20/2013	3/19/2017	\$110,341
Scherer, George W.	CNV1002531	Grant	Optimization of Frost Protection	NSF - National Science Foundation	7/1/2013	6/30/2017	\$299,892
Lin, Ning	CNV1003107	Contract	Hydrodynamic Modeling for Pacific Island-based Defense Installations	Woods Hole Oceanographic Institute	9/20/2013	9/19/2018	\$281,501
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	1/31/2018	\$188,754
Wood, Eric F.	CNV1002918	Grant	Development of Consistent Global Long-Term Records of Atmospheric Evaporative Demand	NASA Headquarters - Washington	1/1/2014	12/31/2017	\$647,809

Civil and Environmental Engineering (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Zondlo, Mark Andrew	CNV1003108	Contract	Fast Nitrous Oxide Sensor for Continuous Flux Measurements	Southwest Sciences, Inc.	2/18/2014	1/17/2017	\$827,602
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	\$185,411
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
Wood, Eric F.	AWD1004062	Contract	Forecasting Drought Impacts Months Ahead using Satellite Data	The Australian National University	6/1/2014	5/30/2017	\$121,706
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
Glisic, Branko	CNV1003122	Grant	Fiber Optic Method for Bridge Health Assessment Based on Long-Gauge Sensors	NSF - National Science Foundation	7/1/2014	6/30/2017	\$200,000
Jaffe, Peter R.	CNV1003142	Contract	NatureNet Science Fellowship	The Nature Conservancy	7/1/2014	7/31/2016	\$231,000
Glisic, Branko	AWD1004047	Grant	Collaborative Research: Structural Identification & Health Monitoring using Temperature-Driven Data	NSF - National Science Foundation	8/1/2014	7/31/2018	\$119,992
Zondlo, Mark Andrew	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 Leonore	AWD1004141	Grant	Constraining Methane Leakage from Abandoned Oil and Gas Wells	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2014	7/31/2018	\$742,216
Zondlo, Mark Andrew	AWD1004185	Grant	EAGER: Collaborative Research: Development of a New Technique to Measure Ecosystem-level Soil Nitrous Oxide Fluxes using Micrometeorological Towers	NSF - National Science Foundation	8/1/2014	7/31/2016	\$59,998
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	7/31/2018	\$317,000
Wood, Eric F.	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	7/31/2018	\$423,615
Wood, Eric F.	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	8/31/2017	\$90,000
Peters, Catherine Anne	AWD1004052	Grant	Geochemical Controls on Hazardous Element Mobilization in Shales and Precipitation in Wastewater Treatment	NSF - National Science Foundation	9/1/2014	8/31/2017	\$330,484

Civil and Environmental Engineering (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Garlock, Maria Eugenia Moreyra	AWD1004060	Grant	Collaborative Research: Advancing the Dissemination of the Creative Art of Structural/Civil Engineering	NSF - 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	9/30/2016	\$315,000
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	8/31/2017	\$90,000
Caylor, Kelly K.	AWD1004175	Grant	EPA Star Graduate Fellowship	U.S. Environmental Protection Agency	9/1/2014	8/31/2016	\$34,000
Zondlo, Mark Andrew	AWD1004159	Grant	PFI: AIR - TT: Prototype Mid-infrared, Methane Sensor for Natural Gas Leak Detection on Small Unmanned Aerial Systems	NSF - National Science Foundation	9/15/2014	2/28/2017	\$199,627
Zondlo, Mark Andrew	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
Zondlo, Mark Andrew	AWD1004177	Grant	Quantifying Ammonia Emissions from Agriculture and Cities during DISCOVER-AQ	NASA Langley Research Center	10/1/2014	9/30/2016	\$50,000
Peters, Catherine Anne	AWD1004180	Grant	Geophysical and Mineralogical Controls on the Rheology of Fracture Slip and Seal Breaching	The Pennsylvania State University	10/1/2014	9/30/2017	\$382,512
Celia, Michael Anthony	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
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	8/31/2017	\$487,550
Zondlo, Mark Andrew	AWD1004483	Grant	Methane Observation Networks with Innovative Technology to Obtain Reductions (MONITOR)	Physical Sciences Inc.	4/24/2015	4/16/2018	\$432,975
Bourg, Ian Charles	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	\$139,225
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	6/10/2018	\$731,841

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ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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.	AWD1004488	Grant	Assessing Phase 2 NMME (NMME-2) Forecasts for Improved Predictions of Drought and Water Management	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2015	7/31/2017	\$69,632
Wood, Eric F.	AWD1004502	Grant	Process Orientated Metrics of Land Surface-atmospheric Interactions for Diagnosing Coupled Model Simulations of Land Surface Hydro-meteorological Extremes	U.S. DOC - Natl Oceanic & Atmos Admin	8/1/2015	7/31/2018	\$439,283
Estes, Lyndon Despard	AWD1004541	Grant	Hazards SEES: Understanding Cross-scale Interactions of Trade and Food Policy to Improve Resilience to Drought Risk in Zambia	NSF - National Science Foundation	8/15/2015	7/31/2019	\$2,519,689
Scherer, George W.	AWD1004497	Contract	Marie Curie - Multi-functionalization of Hydroxyapatite for Restoration and Preventive Conservation of Marble Artwork - HAP4MARBLE	University of Bologna	9/1/2015	3/31/2017	\$18,957
Lin, Ning	AWD1004514	Grant	Hazards SEES: An Integrated Approach to Risk Assessment and Management in Responding to Land Falling Hurricanes in a Changing Climate	NSF - National Science Foundation	9/1/2015	8/31/2019	\$2,734,526
Adriaenssens, Sigrid M.	AWD1004565	Grant	Adaptive Building Skin to Enhance Interior of Buildings	NSF - National Science Foundation	9/1/2015	8/31/2018	\$299,979
Smith, James A.	AWD1004586	Grant	Collaborative Research: Extreme Rainfall in Urban Environments	NSF - National Science Foundation	9/15/2015	8/31/2018	\$283,121
Scherer, George W.	AWD1004688	Contract	Microproportioning with Crushed Sand	Norwegian Univ of Science & Technology	10/1/2015	9/30/2020	\$24,000
Fitts, Jeffrey P.	AWD1004713	Grant	Area [3] Targeted Mineral Carbonation to Enhance Wellbore Integrity	University of Virginia	10/1/2015	9/30/2018	\$299,998
Caylor, Kelly K.	AWD1004665	Contract	Mapping Agricultural Fields Across Sub-Saharan Africa	Cal Tech - Jet Propulsion Lab (JPL)	10/5/2015	9/25/2016	\$20,000
Wood, Eric F.	AWD1004666	Grant	International Symposium on Observations and Modeling of Land Surface Water and Energy Exchanges Across Scales: Learning from the Past and Looking to the Future	NSF - National Science Foundation	1/1/2016	12/31/2017	\$42,240
Bou Zeid, Elie R.	AWD1004815	Contract	Short Term Wind Forecasting for Energy Applications	HKF Technology	2/1/2016	6/30/2017	\$149,094
Zondlo, Mark Andrew	AWD1004872	Contract	STTR Phase I: Compact Laser Hygrometer for In-situ Measurements of Water Vapor from Small Unmanned Vehicles	Physical Sciences Inc.	3/5/2016	11/21/2016	\$82,000
Wood, Eric F.	AWD1004827	Grant	Algorithm Development for SWOT River Discharge Retrievals	NASA Headquarters - Washington	4/4/2016	4/3/2020	\$654,374
Bou Zeid, Elie R.	AWD1005068	Grant	Novel Physically-driven Approaches for Multiscale Wind-energy Forecasting	UC Berkeley Fdn. and Siebel Energy Inst.	7/1/2016	3/31/2017	\$50,000

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ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Zondlo, Mark Andrew	AWD1004962	Grant	Spatiotemporal Variability of Ammonia through Syntheses of In-situ-, Ground-based, and Remote Sensing Measurements	NASA Headquarters - Washington	8/17/2016	8/16/2019	\$386,268
Smith, James A.	AWD1004903	Grant	Extreme Floods in Arid/Semi-Arid Watersheds: Paired Studies in Israel and the US	NSF - National Science Foundation	9/1/2016	8/31/2019	\$295,967
Wood, Eric F.	AWD1004995	Grant	ECOSystem Spaceborne Thermal Radiometer Experiment on Space Station (ECOSTRESS)	NASA Langley Research Center	9/1/2016	8/31/2018	\$155,000
Estes, Lyndon Despard	AWD1005294	Contract	Infrared Remote Sensing of Canopy Water During the California Megadrought	Cal Tech - Jet Propulsion Lab (JPL)	11/14/2016	9/24/2017	\$20,000
Wood, Eric F.	AWD1005146	Grant	Development of a Latin America and Caribbean Drought Monitor	Army Corps of Engineers	2/1/2017	10/31/2017	\$68,000
Smith, James A.	AWD1005268	Grant	LTER: Dynamic Heterogeneity: Investigating Causes and Consequences of Ecological Change in the Baltimore Urban Ecosystem	Cary Institute of Ecosystem Studies	3/1/2017	2/28/2019	\$20,000
Zondlo, Mark Andrew	AWD1005201	Contract	Support for Ammonia Eddy Covariance Flux Measurements	Amec Foster Wheeler	3/9/2017	7/8/2017	\$100,000

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7/1/2016 - 6/30/2017

<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	6/30/2018	\$292,494

Computer Science

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7/1/2016 - 6/30/2017

<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>
Peterson, Larry L.	CNV1000203	Cooperative Agreement	Planet Lab Memebership Agreement - Income Account	PlanetLab	9/1/2003	8/31/2020	\$3,180,000
Peterson, Larry L.	CNV1001050	Grant	CI-ADDO-EN: Scaling, Diversifying and Enriching Planet Lab	NSF - National Science Foundation	7/1/2010	12/31/2016	\$2,194,652
Freedman, Michael Joseph	CNV1001107	Grant	CAREER: Towards Scalable Datacenter Services with Strong Robustness Guarantees	NSF - National Science Foundation	7/1/2010	6/30/2017	\$529,306
Walker, David P.	CNV1001490	Grant	TC: Large: Collaborative Research: High-Level Language Support for Trustworthy Networks	NSF - National Science Foundation	8/1/2011	7/31/2016	\$1,400,000
Martonosi, Margaret Rose	CNV1001434	Grant	SHF: Small: Collaborative Research: Tailoring Memory Accesses and Communication in Heterogeneous Multiprocessors: Power and Performance Opportunities	NSF - National Science Foundation	9/1/2011	8/31/2016	\$225,000
Martonosi, Margaret Rose	CNV1001529	Grant	CPS: Medium: Collaborative Research: Efficient Mapping and Management of Applications onto Cyber-Physical Systems	NSF - National Science Foundation	9/1/2011	8/31/2016	\$392,011
Freedman, Michael Joseph	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
Braverman, Mark	CNV1001679	Grant	CAREER: Coding and Information Theory for Interactive Computing	NSF - 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	NSF - National Science Foundation	5/1/2012	4/30/2017	\$600,000
Arora, Sanjeev	CNV1001852	Grant	Simons Investigator Award for Sanjeev Arora	The Simons Foundation	8/1/2012	7/31/2022	\$1,320,000
Appel, Andrew Wilson	CNV1001912	Cooperative Agreement	CARS: A Platform for Scaling Formal Verification to Component-Based Vehicular Software Stacks	Air Force Research Laboratory (Rome)	8/3/2012	6/30/2017	\$6,108,346
Freedman, Michael Joseph	CNV1001938	Grant	TC: Large: Collaborative Research: Facilitating Free and Open Access to Information on the Internet	NSF - National Science Foundation	9/1/2012	8/31/2018	\$750,000
Martonosi, Margaret Rose	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
Funkhouser, Thomas Allen	CNV1002561	Grant	BIGDATA: SMALL: DA: Semantic Modeling of Cities from Scanned Data	NSF - National Science Foundation	8/1/2013	7/31/2017	\$600,000
Arora, Sanjeev	CNV1002560	Grant	AF: Medium: Towards Provable Bounds for Machine Learning	NSF - National Science Foundation	9/1/2013	8/31/2017	\$900,000
Freedman, Michael Joseph	CNV1002563	Grant	BIGDATA: Small: DCM: JetStream: A Flexible Distributed System for Online and In-Place Data Analysis	NSF - National Science Foundation	9/15/2013	8/31/2018	\$700,000

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7/1/2016 - 6/30/2017

<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>
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	8/21/2018	\$1,820,000
Narayanan, Arvind	AWD1004023	Grant	TWC: Small: Addressing the Challenges of Cryptocurrencies: Security, Anonymity, Stability	NSF - National Science Foundation	7/1/2014	6/30/2018	\$500,000
Appel, Andrew Wilson	CNV1003256	Grant	SHF: Medium: Collaborative Research: Principled Optimizing Compilation of Dependently Typed Languages	NSF - National Science Foundation	7/1/2014	6/30/2018	\$600,000
Rusinkiewicz, Szymon M.	AWD1004041	Grant	RI: Small: Micro GPS: Localization using Visual Landmarks in Commonplace Texture	NSF - National Science Foundation	7/15/2014	6/30/2018	\$499,993
August, David I.	AWD1004033	Grant	XPS: EXPL: CCA: A Framework for Portable Parallel Performance	NSF - National Science Foundation	8/1/2014	7/31/2017	\$300,000
Braverman, Mark	CNV1003125	Grant	Simons 2014 Braverman	The Simons Foundation	8/1/2014	7/31/2018	\$440,000
Arora, Sanjeev	CNV1003126	Grant	Simons 2014 Arora	The Simons Foundation	8/1/2014	7/31/2018	\$609,268
August, David I.	AWD1004101	Grant	SaTC:STARSS: An Architecture for Restoring Trust in Our Personal Computing Systems	NSF - National Science Foundation	9/1/2014	8/31/2018	\$500,000
Chazelle, Bernard	AWD1004155	Grant	AF: Small: An Algorithmic Approach to Collective Behavior	NSF - National Science Foundation	9/1/2014	8/31/2017	\$420,000
Martin, Barbara Engelhardt	AWD1004299	Grant	Identification and Validation of Cell Specific eQTLs by Bayesian Modeling	University of Pennsylvania	9/1/2014	6/30/2017	\$227,233
Rexford, Jennifer L.	AWD1004065	Grant	NeTS: Medium: Collaborative Research: A Software Defined Internet Exchange	NSF - National Science Foundation	10/1/2014	9/30/2018	\$350,000
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
Feamster, Nicholas G.	AWD1004346	Grant	TC:Large: Collaborative Research:Facilitating Free and Open Access to Information on the Internet	NSF - National Science Foundation	1/15/2015	8/31/2018	\$1,225,153
Feamster, Nicholas G.	AWD1004315	Grant	NeTS: Medium: Collaborative Research: Optimizing Network Support for Cloud Services: From Short-Term Measurements to Long-Term Planning	NSF - National Science Foundation	1/16/2015	4/30/2017	\$400,278
Feamster, Nicholas G.	AWD1004316	Grant	CI-New: Collaborative Research: An Open Observatory for the Internet's Last Mile	NSF - National Science Foundation	1/16/2015	6/30/2018	\$372,393
Feamster, Nicholas G.	AWD1004319	Grant	NeTS: Medium: Collaborative Research: A Software Defined Internet Exchange	NSF - National Science Foundation	1/16/2015	9/30/2018	\$500,000

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7/1/2016 - 6/30/2017

<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>
Feamster, Nicholas G.	AWD1004361	Grant	CI-New: Collaborative Research: An Open Platform for Internet Routing Experiments	NSF - National Science Foundation	1/16/2015	12/31/2017	\$51,164
Feamster, Nicholas G.	AWD1004525	Grant	NeTS: Small: Collaborative Research: Studying and Improving the Performance of Access Networks.	NSF - National Science Foundation	1/16/2015	9/30/2018	\$271,701
Arora, Sanjeev	AWD1004416	Grant	Statistical and Computational Tradeoffs in High Dimensional Learning	Massachusetts Institute of Technology	2/1/2015	8/31/2016	\$102,000
Dvir, Zeev	AWD1004310	Grant	CAREER: New Algebraic Techniques for Line-Point Incidence Problems	NSF - National Science Foundation	3/15/2015	2/29/2020	\$481,354
Arora, Sanjeev	AWD1004421	Grant	AF: Small: Linear Algebra++ and Applications to Machine Learning	NSF - National Science Foundation	6/15/2015	5/31/2018	\$466,000
Narayanan, Arvind	AWD1004545	Grant	TWC: Small: Ending the Web Privacy Arms Race: Threat Detection, Measurement and Response	NSF - National Science Foundation	7/1/2015	6/30/2018	\$500,000
Rusinkiewicz, Szymon M.	AWD1004523	Cooperative Agreement	Investigating Novel Geometric Representations for Computational Fabrication	Defense Advanced Research Projects Agency	7/27/2015	10/26/2016	\$399,163
Rexford, Jennifer L.	AWD1004312	Grant	AiTF: FULL: Collaborative Research: Compact Data Structures for Traffic Measurement in Software-Defined Networks	NSF - National Science Foundation	9/1/2015	8/31/2019	\$360,000
Gupta, Aarti	AWD1004476	Grant	SHF: Small: Driving Learning for Program Verification	NSF - National Science Foundation	9/1/2015	8/31/2018	\$463,706
Dvir, Zeev	AWD1004511	Grant	AF:Small:New Techniques for Private Information Retrieval and Locally Decodable Codes	NSF - National Science Foundation	9/1/2015	8/31/2018	\$427,093
Braverman, Mark	AWD1004531	Grant	AF: Small: Noise Across Computational Settings	NSF - National Science Foundation	9/1/2015	8/31/2018	\$450,000
Hazan, Elad E.	AWD1004532	Grant	RI: SMALL: Efficient Projection-Free Algorithms for Optimization and Online Learning	NSF - National Science Foundation	9/1/2015	8/31/2018	\$500,000
Martonosi, Margaret Rose	AWD1004537	Grant	XPS: EXPL: CCA: Verification and Optimization Tools for Heterogeneous Memory Consistency Models	NSF - National Science Foundation	9/1/2015	8/31/2018	\$300,000
Bavier, Andrew Charles	AWD1004570	Grant	CC*DNI DIBBs: Give Your Data the Edge: A Scalable Data Delivery Platform	University of Arizona	9/1/2015	8/31/2019	\$811,939
Funkhouser, Thomas Allen	AWD1004581	Grant	VEC: Small: Collaborative Research: Scene Understanding from RGB-D Images	NSF - National Science Foundation	9/1/2015	8/31/2018	\$135,000
Feamster, Nicholas G.	AWD1004685	Grant	TWC: TTP Option: Large: Collaborative: Towards a Science of Censorship Resistance	NSF - National Science Foundation	9/1/2015	8/31/2019	\$400,000
Martin, Barbara Engelhardt	AWD1004725	Cooperative Agreement	Decoding and Reprogramming the Corticosteroid Transcriptional Regulatory Network	Duke University	12/1/2015	11/30/2016	\$64,944
Appel, Andrew Wilson	AWD1004700	Grant	Collaborative Research: Expeditions in Computing: The Science of Deep Specification	NSF - National Science Foundation	12/15/2015	11/30/2020	\$3,453,419

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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>
Singh, Mona	AWD1004689	Grant	Student Support for RECOMB 2016	NSF - National Science Foundation	2/1/2016	1/31/2017	\$15,000
Arora, Sanjeev	AWD1004777	Grant	Unsupervised Learning with Provable Guarantees	Office of Naval Research	4/1/2016	3/31/2019	\$430,000
Gupta, Aarti	AWD1004800	Grant	Verification Mentoring Workshop II	NSF - National Science Foundation	4/1/2016	3/31/2018	\$30,600
Feamster, Nicholas G.	AWD1005005	Grant	Detecting Abnormal Activity on the Internet of Things with Real Time Outlier Detection	UC Berkeley Fdn. and Siebel Energy Inst.	4/21/2016	10/31/2017	\$50,000
Martin, Barbara Engelhardt	AWD1005147	Grant	Identification and Validation of Cell Specific eQTLs by Bayesian Modeling	University of Pennsylvania	7/1/2016	6/30/2017	\$152,086
Zhandry, Mark Landry	AWD1004928	Grant	TWC: Small: Bridging the Gap Between Cutting-Edge Cryptography and Practice	NSF - National Science Foundation	8/1/2016	7/31/2019	\$490,927
Martonosi, Margaret Rose	AWD1004940	Grant	SHF: Small: DeSCPar: Decoupled Supply-Compute Communication Management for Heterogeneous, Accelerator-Oriented Parallelism	NSF - National Science Foundation	8/1/2016	7/31/2019	\$300,000
Rusinkiewicz, Szymon M.	AWD1004927	Grant	CHS: Small: Collaborative Research: Detailed Shape and Reflectance Capture with Light Field Cameras	NSF - National Science Foundation	9/1/2016	8/31/2019	\$250,000
Raphael, Benjamin J.	AWD1005289	Grant	CAREER: Algorithms for Next-Generation Genomics	NSF - National Science Foundation	9/1/2016	12/31/2017	\$292,101
Raphael, Benjamin J.	AWD1005352	Grant	Computational Characterization of Genetic Heterogeneity	NIH NHGRI	9/1/2016	8/31/2017	\$349,564
Raphael, Benjamin J.	AWD1005138	Grant	Deep Discovery and Clinical Interpretation of Germline and Somatic Cancer Drivers	Washington University	9/14/2016	8/31/2017	\$10,000
Martin, Barbara Engelhardt	AWD1004897	Grant	Alfred P. Sloan Research Fellowship for Dr. Barbara Engelhardt in Computational & Evolutionary Molecular Biology	Alfred P. Sloan Foundation	9/15/2016	9/14/2018	\$55,000
Raphael, Benjamin J.	AWD1005092	Grant	Pathway and Network Integration of Cancer Genomics and Clinical Data	NIH NCI	9/15/2016	8/31/2021	\$1,687,990
Jamieson, Kyle Andrew	AWD1004953	Grant	NeTS: Small: Continuous Spatial Awareness (CoSA) for Smart and Connected Objects	NSF - National Science Foundation	10/1/2016	9/30/2019	\$400,000
Martin, Barbara Engelhardt	AWD1005134	Grant	March of Dimes Prematurity Research Center UChicago-Northwestern-Duke	University of Chicago	10/1/2016	12/31/2017	\$89,365
Chetty, Marshini	AWD1005157	Grant	TWC SBE: TTP Option: Medium: Collaborative: EPICA: Empowering People to Overcome Information Controls and Attacks	NSF - National Science Foundation	10/14/2016	7/31/2018	\$194,829
Walker, David P.	AWD1005056	Grant	Synthesizing Data Wranglers	Air Force Research Laboratory (Rome)	11/1/2016	10/31/2018	\$450,002

Computer Science (5)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Feamster, Nicholas G.	AWD1005094	Contract	Securing the Internet of Things with Traffic Analysis and SDN-Based Control Systems	Siemens Corporation, Corporate Tech	11/1/2016	10/31/2017	\$142,000
Martin, Barbara Engelhardt	AWD1005148	Grant	Decoding and Reprogramming the Corticosteriod Transcriptional Regulatory Network	Duke University	12/1/2016	11/30/2017	\$130,000
Raz, Ran	AWD1005126	Grant	Simons Collaboration on Algorithms and Geometry	The Simons Foundation	1/1/2017	7/31/2018	\$186,781
Chazelle, Bernard	AWD1005139	Grant	New Perspectives on Multiagent Dynamics	Army Research Office	1/17/2017	1/16/2019	\$399,846
Narayanan, Arvind	AWD1005167	Grant	CAREER: Measurement, Analysis, and Novel Application of Blockchains	NSF - National Science Foundation	2/15/2017	1/31/2022	\$585,636
Martin, Barbara Engelhardt	AWD1005303	Grant	Epigenetic Fine-Mapping of Cardiometabolic Disease Loci in the Human Liver	University of Pennsylvania	4/1/2017	2/28/2018	\$288,251
Rexford, Jennifer L.	AWD1005328	Contract	DARPA Dispersed Computing BAA-16-41 TA2	Vencore Labs, Inc.	4/18/2017	4/17/2021	\$1,994,812
Arora, Sanjeev	AWD1005290	Grant	AF: Large: Collaborative Research: Nonconvex Methods and Models for Learning: Toward Algorithms with Provable and Interpretable Guarantees	NSF - National Science Foundation	6/1/2017	5/31/2022	\$1,700,000
Funkhouser, Thomas Allen	AWD1005301	Contract	Facebook - Funkhouser	Facebook, Inc.	6/1/2017	6/1/2018	\$254,000

East Asian Studies / EAS Program

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	3/31/2018	\$1,503,166
Teiser, Stephen F.	CNV1000436	Grant	National Consortium for Teaching About Asia Seminar	Freeman Foundation	9/1/2008	6/30/2018	\$270,045

Ecology & Evolutionary Biology

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Asher	CNV1001212	Grant	Dimensions: Collaborative Research: Biological Controls on the Ocean C:N:P Ratios	NSF - National Science Foundation	1/1/2011	9/30/2016	\$498,848
Dobson, Andrew P.	CNV1001452	Grant	Collaborative Research: Modeling Infectious Diseases:How Much Ecological Complexity Must We Address?	NSF - National Science Foundation	8/1/2011	7/31/2017	\$350,469
Levin, Simon Asher	CNV1002006	Grant	CNH: Social-Ecological Complexity and Adaptation in Marine Systems	NSF - National Science Foundation	9/1/2012	8/31/2018	\$1,498,903
Rubenstein, Daniel Ian	CNV1002138	Grant	CREATIV: Mingle: Sensing the Social Interactions of Animals	University of Illinois at Chicago	9/1/2012	8/15/2017	\$85,691
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 Ian	CNV1002490	Grant	RNA-guided Genome Rearrangement: Experiments Coupled with Discrete Models	University of South Florida	9/1/2013	6/30/2018	\$959,193
Landweber, Laura Faye	CNV1002489	Grant	"Understanding Complex Gene Editing Systems in Protists"	National Institutes of Health	9/5/2013	6/30/2017	\$0
Metcalf, Charlotte Jessica Eland	CNV1003148	Grant	Models to Support Decision Making for Measles and Rubella Vaccination Planning	The Pennsylvania State University	10/18/2013	6/3/2018	\$677,195
Levin, Simon Asher	AWD1004069	Contract	Green Growth based on Marine Resources: Ecological and Socio-Economic Constraints	University of Oslo	4/1/2014	12/31/2018	\$291,076
Levin, Simon Asher	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	5/31/2018	\$96,249
Graham, Andrea Linn	CNV1003115	Grant	RCN: Infectious Disease Evolution Across Scales	NSF - National Science Foundation	7/1/2014	6/30/2019	\$499,916
Couzin, Iain D.	AWD1004090	Grant	IOS: Sensory Networks and Collective Information Processing in Animal Groups	NSF - National Science Foundation	8/1/2014	7/31/2018	\$325,000
Landweber, Laura Faye	AWD1004120	Grant	Molecular Mechanisms and Epigenetic Control of Beneficial Transposons: Lessons from Ciliates	Human Frontier Science Prog Org (HFSP)	8/1/2014	1/31/2018	\$375,000
Levin, Simon Asher	AWD1004044	Grant	Coastal SEES Collaborative Research: Adaptations of Fish and Fishing Communities to Rapid Climate Change	NSF - National Science Foundation	9/1/2014	8/31/2018	\$135,442
Levin, Simon Asher	AWD1004173	Grant	Robustness and Adaptability in Complex Biological Systems	Army Research Office	9/1/2014	7/31/2017	\$360,000
McBride, Carolyn Sarah	AWD1004203	Grant	Genetic Analysis of Mosquito Olfactory Preference for Humans	NIH NIDCD	9/1/2014	8/31/2017	\$738,063
Rubenstein, Daniel Ian	AWD1004208	Grant	Collaborative Research: EAGER: Prototype of an Image-Based Ecological Information System (IBEIS)	NSF - National Science Foundation	9/1/2014	8/31/2018	\$88,928

Ecology & Evolutionary Biology (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Asher	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
Rubenstein, Daniel Ian	AWD1004235	Grant	NatureNet Science Fellows Program for Megan McSherry	The Nature Conservancy	10/1/2014	9/30/2016	\$231,000
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	2/28/2018	\$278,550
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	NSF - National Science Foundation	11/1/2014	10/31/2017	\$379,998
Rubenstein, Daniel Ian	AWD1004267	Grant	Dynamic Network Analysis of Gelada Herding and Movement	L.S.B. Leakey Foundation	1/1/2015	12/1/2016	\$24,670
Pringle, Robert Mitchell	AWD1004387	Grant	Predation, Competition, and Establishment Dynamics within an Insular Adaptive Radiation	NSF - National Science Foundation	5/1/2015	4/30/2019	\$882,925
vonHoldt, Bridgett Marie	AWD1004418	Grant	A Temporal Assessment of Genetic Ancestry in the Endangered Red Wolf (<i>Canis rufus</i>) 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
Pringle, Robert Mitchell	AWD1004350	Grant	Dissertation Research: Testing the Effects of Large Mammalian Herbivores on Savanna Dynamics and Community Structure with Regional and Continent-Scale Natural Experiments	NSF - National Science Foundation	6/1/2015	9/30/2016	\$15,144
Wilcove, David S.	AWD1004422	Grant	Dissertation Research: Disentangling Drivers of Community Structure and Composition of a Tropical Forest	NSF - National Science Foundation	6/1/2015	5/31/2017	\$16,277
Levin, Simon Asher	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	NSF - National Science Foundation	6/1/2015	5/31/2017	\$16,336
Pringle, Robert Mitchell	AWD1004430	Grant	NatureNet Science Fellows Program for Tyler Kratzl	The Nature Conservancy	6/1/2015	5/31/2017	\$231,000
Graham, Andrea Linn	AWD1004654	Grant	DISSERTATION RESEARCH: The Effects of Multi-Species Interactions on the Community Structure of Parasites	NSF - National Science Foundation	6/15/2015	5/31/2017	\$16,293
McBride, Carolyn Sarah	AWD1004492	Grant	Using Evolution to Decode the Genetic and Neural Basis of Preference for Human Odor	Esther A. & Joseph Klingenstein Fund	7/1/2015	6/30/2018	\$225,000
McBride, Carolyn Sarah	AWD1004451	Grant	Using Evolution to Decode the Genetic and Neural Basis of Mosquito Preference for Human Odor	The Pew Charitable Trusts	8/1/2015	7/31/2020	\$270,000

Ecology & Evolutionary Biology (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Grenfell, Bryan T.	AWD1005102	Contract	Modeling the Risk of Measles Outbreaks and the Effectiveness of Public Health Response Strategies in the United States	Centers for Disease Control & Prevention	8/31/2015	12/31/2018	\$147,000
Rubenstein, Daniel Ian	AWD1004540	Grant	EAGER-NEON: IBEIS: Combining Computer Vision and Mark-Recapture Data for NEON	NSF - National Science Foundation	9/1/2015	8/31/2018	\$50,000
Tarnita, Corina E.	AWD1004364	Grant	Alfred P. Sloan Research Fellowship for Dr. Corina Tarnita in Computational & Evolutionary Molecular Biology	Alfred P. Sloan Foundation	9/15/2015	9/14/2017	\$50,000
vonHoldt, Bridgett Marie	AWD1004619	Grant	The Population Genomics of the Reintroduced Yellowstone Wolves	Yellowstone Park Foundation	10/1/2015	9/30/2016	\$12,000
vonHoldt, Bridgett Marie	AWD1004639	Grant	A Temporal Assessment of Genetic Ancestry in the Endangered Red Wolf (<i>Canis rufus</i>) Throughout their Recovery in Relation to other Canis in the Eastern U.S.	Point Defiance Zoo & Aquarium	10/1/2015	9/30/2016	\$8,000
Metcalf, Charlotte Jessica Eland	AWD1005106	Grant	Assessing the Feasibility of Using Serological Data to Monitor and Guide Immunization Programs in Low Income Countries	The Johns Hopkins University	12/1/2015	5/31/2020	\$92,375
McBride, Carolyn Sarah	AWD1004704	Grant	Using Evolution to Decode the Genetic and Neural Basis of Mosquito Preference for Human Odor	Peter Gruber Foundation	1/1/2016	12/31/2018	\$75,000
Pringle, Robert Mitchell	AWD1004779	Grant	DISSERTATION RESEARCH: Plant Defenses in African Savannas: Testing the Effects of Induced and Associational Defenses on Plant Phenotype, Fitness and Diversity	NSF - National Science Foundation	6/1/2016	5/31/2018	\$16,380
Dobson, Andrew P.	AWD1004790	Grant	Dissertation Research: Within-host Seasonal Drivers of Pathogen Dynamics in a Fruit Bat Reservoir.	NSF - National Science Foundation	6/1/2016	8/31/2017	\$16,301
Graham, Andrea Linn	AWD1005099	Grant	Characterization of Deer Mouse Disease Space for Sin Nombre Virus	Stanford University	6/16/2016	12/15/2017	\$238,971
Grenfell, Bryan T.	AWD1004904	Contract	Exploring Predictive Models for Improving Influenza Vaccine Virus Selection	World Health Organization	6/28/2016	7/22/2016	\$18,490
Levin, Simon Asher	AWD1004838	Grant	A New Framework for Ecological Kinetics in Natural Environments	The Simons Foundation	7/1/2016	6/30/2019	\$518,463
McBride, Carolyn Sarah	AWD1004898	Grant	Using Evolution to Decode the Genetic and Neural Basis of Mosquito Behavior	Searle Scholars Program	7/1/2016	6/30/2019	\$300,000
Grenfell, Bryan T.	AWD1004923	Grant	Impact of Human Travel on Infectious Disease Dynamics	The Burroughs Wellcome Fund	7/1/2016	6/30/2018	\$140,000
Tarnita, Corina E.	AWD1004935	Grant	Using Dictyostelium Discoideum to understand the role of Ecology and Multiple Fitness Tradeoffs in the Evolution of Multicellular.	Life Sciences Research Foundation	8/1/2016	7/31/2019	\$180,000

Ecology & Evolutionary Biology (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Rubenstein, Daniel Ian	AWD1004814	Grant	Develop Strategies for Reconciling Agricultural Practices with Indigenous Livelihood Patterns in Protected Area Landscapes	Schlumberger Foundation	9/1/2016	8/31/2018	\$80,000
Levin, Simon Asher	AWD1004970	Grant	Conservation Implications of Community-supported Fishery (CSF) Programs: A Multidisciplinary Analysis of Ecological, Economic and Social Outcomes	Society for Conservation Biology	9/1/2016	8/31/2018	\$193,253
Levin, Simon Asher	AWD1004975	Grant	Collaborative Research: The Role of Spatial Interactions in Determining the Distribution of Savanna and Forest	NSF - National Science Foundation	9/1/2016	8/31/2019	\$109,998
Altmann, Jeanne	AWD1005082	Grant	Demography of Sex Differences in Health and Survival	Duke University	9/15/2016	4/30/2021	\$609,326
Martinez-Bakker, Micaela E.	AWD1005077	Grant	Hacking Epidemics: Unlocking the Drivers of Transmission Seasonality to Battle Vaccine-Preventable Diseases	NIH Office of the Director	9/19/2016	8/31/2021	\$1,802,109
Levin, Simon Asher	AWD1005127	Cooperative Agreement	The Statistical Mechanics of Crowds - Tools for Predictive Modeling in the Social Sciences.	University of Pennsylvania	10/17/2016	10/16/2018	\$276,785
Rubenstein, Daniel Ian	AWD1005211	Grant	Dissertation Research: Revealing the Spatial Distribution of Risk in Animal Groups	NSF - National Science Foundation	4/1/2017	3/31/2019	\$13,190
Stoddard, Mary Caswell	AWD1005234	Grant	Evolution of Plumage Patterns in a Continental Radiation of Passerines: the Setophaga Warblers (Parulidae)	British Ornithologists' Union	5/1/2017	7/10/2017	\$3,121

Economics

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Kiyotaki, Nobuhiro	CNV1002512	Grant	Financial Intermediation, Crises and Aggregate Economic Activity	NSF - National Science Foundation	8/15/2013	7/31/2017	\$187,284
Pesendorfer, Wolfgang	AWD1004039	Grant	Risk, Ambiguity and Dynamic Choice	NSF - National Science Foundation	8/1/2014	7/31/2018	\$380,526
Brunnermeier, Markus Konrad	AWD1004191	Grant	Princeton Initiative: Macro, Money and Finance Workshops	Alfred P. Sloan Foundation	9/1/2014	12/31/2016	\$115,000
Kastl, Jakub	AWD1004437	Grant	Empirical Analysis of Auction Markets: Liquidity, Electricity, and Information Structure	NSF - National Science Foundation	1/1/2015	7/31/2016	\$35,725
Evdokimov, Kirill	AWD1004370	Grant	New Econometric Approaches to Models with Unobserved Heterogeneity	NSF - National Science Foundation	4/15/2015	3/31/2018	\$239,964
Currie, Janet Marion	AWD1004601	Grant	The Undergraduate Women in Economics Challenge	National Bureau of Economic Research	5/1/2015	6/30/2020	\$12,500
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
Kiyotaki, Nobuhiro	AWD1004804	Contract	Credit and Labour Market Foundations of the Macroeconomy	University of Edinburgh	6/1/2015	5/31/2020	\$23,720
Abreu, Dilip J.	AWD1004503	Grant	Collaborative Research: New Algorithms for Computing Equilibria of Stochastic Games	NSF - National Science Foundation	8/1/2015	7/31/2018	\$395,410
Honore, Bo E.	AWD1004509	Grant	Issues in Estimation of Structural Economic Models	NSF - National Science Foundation	8/1/2015	7/31/2018	\$227,187
Morris, Stephen E.	AWD1004408	Grant	Collaborative Research: Information, Markets and Networks	NSF - National Science Foundation	9/1/2015	8/31/2018	\$216,861
Oberfield, Ezra Danis	AWD1004561	Grant	Substitution and the Skill Premium	Washington Center for Equitable Growth	9/1/2015	2/28/2018	\$25,000
Aguiar, Mark A.	AWD1004684	Grant	Women's Entrepreneurship and Rent Sharing: Can Female Entrepreneurs Help Close the Gender Income Gap?	Ewing Marion Kauffman Foundation	11/13/2015	8/31/2017	\$6,429
Kuziemko, Ilyana	AWD1004806	Grant	Alfred P. Sloan Foundation Research Fellowship	Alfred P. Sloan Foundation	11/15/2015	9/14/2018	\$50,000
Kiyotaki, Nobuhiro	AWD1004915	Grant	Financial Intermediary, Crises and Macroeconomic Policy	NSF - National Science Foundation	7/15/2016	6/30/2019	\$201,690
Mueller, Ulrich K.	AWD1004921	Grant	Three Projects in Econometric Theory	NSF - National Science Foundation	8/1/2016	7/31/2019	\$199,260
Boustan, Leah Platt	AWD1005353	Grant	Cultural Assimilation During the Age of Mass Migration	Russell Sage Foundation	6/1/2017	1/31/2018	\$14,404

Electrical Engineering

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Bhatt, Ravindra N.	CNV1000877	Grant	Design Principles for Quantum Hall States	DOE - Germantown	9/1/2009	8/31/2018	\$4,275,000
Verdu, Sergio	CNV1001243	Cooperative Agreement	Emerging Frontiers of Science of Information	Purdue University	8/1/2010	1/31/2018	\$3,907,736
Verma, Naveen	CNV1001877	Contract	Accelerator Architectures and Algorithms for Embedded Machine Learning in Medical Sensor Applications	Semiconductor Research Corporation	8/1/2012	1/31/2017	\$255,000
Lee, Ruby Bei-Loh	CNV1001965	Grant	CSR:Small: Cloud Security on Demand	NSF - National Science Foundation	9/1/2012	8/31/2017	\$500,000
Tureci, Hakan Engin	CNV1001996	Grant	CAREER: Collective Effects in Cavity Quantum Electrodynamics - From Fundamental Science to Devices	NSF - National Science Foundation	9/1/2012	8/31/2017	\$460,000
Jha, Niraj Kumar	CNV1002002	Grant	SHF:Small: Fine-grain Dynamically Reconfigurable FPGA Architecture Aimed at Reducing the ASIC-FPGA Gaps	NSF - National Science Foundation	9/1/2012	8/31/2016	\$350,000
Jha, Niraj Kumar	CNV1002005	Grant	TWC: Small: Collaborative: Enhancing the Safety and Trustworthiness of Medical Devices	NSF - National Science Foundation	9/1/2012	8/31/2016	\$325,000
Lyon, Stephen Aplin	CNV1002173	Contract	Princeton Quantum Engineering Group	The MITRE Corporation	10/1/2012	9/30/2018	\$23,000
Prucnal, Paul Richard	CNV1002004	Grant	Collaborative Research: Big Bandwidth: Finding Anomalous Needles in the Spectrum Haystack	NSF - National Science Foundation	1/1/2013	12/31/2016	\$200,000
Malik, Sharad	CNV1002190	Grant	Systems On Nanoscale Information fabriCs (SONIC) Center	University of IL at Urbana-Champaign	1/15/2013	12/31/2017	\$2,323,333
Malik, Sharad	CNV1002551	Contract	Revised CFAR: The Center for Future Architectures Research (C-FAR)	University of Michigan	1/15/2013	12/31/2017	\$3,527,496
Chiang, Mung	CNV1002864	Grant	SIGMA: Students Innovating for Greater Medical Access	Robert Wood Johnson Foundation	2/15/2013	9/15/2016	\$671,895
Verma, Naveen	CNV1002187	Grant	CAREER: Hardware and Algorithmic Architectures for Analyzing Physically-complex Systems: Embedding Inference Capabilities in Ultra-low-power sensors	NSF - National Science Foundation	3/1/2013	2/28/2018	\$445,734
Chiang, Mung	CNV1002973	Grant	Measuring, Understanding, and Responding to Covert Social Networks: Passive and Active Tomography	Harvard University	5/1/2013	11/22/2016	\$1,076,388
Abbe, Emmanuel Auguste	CNV1002548	Grant	CIF:Small: Analog-to-Analog Compression: Fundamental Limits and Constructive Schemes	NSF - National Science Foundation	7/1/2013	6/30/2017	\$474,978
Verdu, Sergio	CNV1002550	Grant	CIF:Small:Collaborative Research:Compressed Databases for Similarity Queries: Fundamental Limits and Algorithms	NSF - National Science Foundation	7/1/2013	6/30/2017	\$250,000

Electrical Engineering (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Kumar	CNV1002553	Grant	SHF: Small: Parasitics-aware Exploration of the FinFET SRAM Design Space	NSF - National Science Foundation	9/1/2013	8/31/2017	\$450,000
Chiang, Mung	CNV1002555	Grant	Mung Chiang NSF Waterman Award	NSF - National Science Foundation	9/6/2013	9/30/2018	\$1,000,000
Wentzlaff, David	CNV1002556	Grant	EAGER: Architectures for Biodegradable Processors	NSF - National Science Foundation	9/15/2013	8/31/2016	\$160,561
Chiang, Mung	CNV1002554	Grant	NeTS: Small: Collaborative Research: Theory, Algorithms, and Experiments for Frequency-Agile Beamforming Mesh (FabMesh)	NSF - National Science Foundation	10/1/2013	9/30/2016	\$249,000
Poor, H. Vincent	CNV1002557	Grant	Collaborative Research: EARS: Fundamental Limits of Spectrum Sensing	NSF - National Science Foundation	10/1/2013	9/30/2017	\$212,154
Cuff, Paul W.	CNV1002972	Grant	CAREER: Digital Encoding of Information Signals for Security with Limited Resources	NSF - National Science Foundation	2/1/2014	1/31/2019	\$450,000
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
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
Poor, H. Vincent	AWD1004016	Grant	CIF: Small: Collaborative Research: Towards Universal Signal Recovery Algorithms	NSF - National Science Foundation	7/1/2014	6/30/2018	\$250,000
Fleischer, Jason W.	AWD1004027	Grant	Dynamical Imaging in Phase Space	Air Force Office of Scientific Research	7/1/2014	6/30/2017	\$450,000
Sengupta, Kaushik	AWD1004021	Grant	Multiplexing Techniques for Scalable Wireless Interconnects at sub-THz Frequencies: Circuits-EM-Communication Codesign Approach	NSF - National Science Foundation	8/1/2014	7/31/2018	\$300,000
Chou, Stephen Y.	AWD1004026	Grant	New Scalable Nanomanufacturing Technology: Large-Area Nanoimprint Master Fabrication without Using EBL by Innovative Multi-Set Nanopatterning	NSF - National Science Foundation	8/1/2014	7/31/2018	\$300,000
Mittal, Prateek	AWD1004059	Grant	TWC: Medium: Collaborative: Aspire: Leveraging Automated Synthesis Technologies for Enhancing System Security	NSF - National Science Foundation	8/1/2014	7/31/2018	\$400,000
Poor, H. Vincent	AWD1004024	Grant	Collaborative Research: Network Protection under Uncertainty	NSF - National Science Foundation	9/1/2014	8/31/2017	\$140,000
Wentzlaff, David	AWD1004061	Grant	XPS: FULL: CCA: Collaborative Research: CASH: Cost-aware Adaptation of Software and Hardware	NSF - 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	NSF - National Science Foundation	9/1/2014	8/31/2017	\$250,000

Electrical Engineering (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
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
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
Prucnal, Paul Richard	AWD1004434	Contract	Princeton-L3 Industrial Collaboration: Miniaturizing an Interference Cancellation System	L3 Technologies, Inc.	1/1/2015	12/31/2016	\$150,000
Rodriguez, Alejandro W.	AWD1004266	Grant	CAREER: Fluctuation-Induced Phenomena in Microstructured Media	NSF - National Science Foundation	2/1/2015	1/31/2020	\$500,000
Wentzlaff, David	AWD1004279	Grant	CAREER: Commonality Exploiting Architectures for Energy Efficiency	NSF - National Science Foundation	2/1/2015	1/31/2020	\$511,176
Chiang, Mung	AWD1004284	Grant	WiFiUS: Ubiquitous Video over Dynamic Spectrum	NSF - National Science Foundation	2/1/2015	1/31/2018	\$270,000
Poor, H. Vincent	AWD1004314	Grant	WiFiUS: Collaborative Research: Sequential Inference and Learning for Agile Spectrum Use	NSF - National Science Foundation	3/15/2015	2/28/2018	\$135,000
Sengupta, Kaushik	AWD1004362	Grant	Broadband and Spectrally-Efficient mm-Wave Silicon Based Receivers for Multi-Gb/s Wireless	Office of Naval Research	4/1/2015	3/31/2018	\$450,000
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	NSF - National Science Foundation	6/1/2015	5/31/2019	\$400,000
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	5/31/2018	\$400,000
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
Tureci, Hakan Engin	AWD1004432	Grant	Stabilizing Quantum Information through Dissipation - Research Area 6: Physics	Army Research Office	6/15/2015	1/14/2017	\$295,349
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	7/31/2016	\$230,245
Kahn, Antoine	AWD1004397	Grant	Gap State Compensation in Organic Semiconductors: The Ultra-low Doping Regime	NSF - National Science Foundation	7/1/2015	6/30/2018	\$400,000
Sengupta, Kaushik	AWD1004528	Grant	Integrated THz Spectroscopy exploiting On-chip Scattering and Device Nonlinearity	NSF - National Science Foundation	8/1/2015	7/31/2018	\$320,000

Electrical Engineering (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Verdu, Sergio	AWD1004623	Grant	Adaptive Exploitation of Non-Commutative Multimodal Information Structure	University of IL at Urbana-Champaign	8/17/2015	8/16/2018	\$424,105
Poor, H. Vincent	AWD1004625	Grant	EAGER: Renewables: Collaborative Research: Foundations of Prosumer-Centric Grid Energy Management	NSF - National Science Foundation	9/15/2015	8/31/2018	\$100,000
Kung, Sun-Yuan	AWD1004734	Contract	Efficient Privacy-Preserving Machine Learning: Strategies, Implementations and Evaluation	Iowa State University	9/28/2015	3/27/2020	\$1,500,000
Chiang, Mung	AWD1004546	Grant	NeTS: Small: Collaborative Research: Fog Networking: Architecture, Algorithms and Applications	NSF - National Science Foundation	10/1/2015	9/30/2018	\$250,000
Lee, Ruby Bei-Loh	AWD1004551	Grant	STARSS: Small: Collaborative: Practical and Scalable Security Verification of Security-Aware Hardware Architectures	NSF - National Science Foundation	10/1/2015	9/30/2018	\$133,333
Kahn, Antoine	AWD1004618	Grant	Organic- Inorganic Metal Halide Perovskite Semiconductors	U.S.-Israel Binational Science Fdn.	10/1/2015	9/30/2017	\$90,000
Lee, Ruby Bei-Loh	AWD1004656	Contract	STARSS: Small: Collaborative: Practical and Scalable Security Verification of Security-Aware Hardware Architectures	Semiconductor Research Corporation	10/1/2015	9/30/2018	\$66,666
Wysocki, Gerard	AWD1004712	Contract	An Intelligent Multi-Modal CH4 Measurement System (AIMS)	Intl Business Machines Corp. (IBM)	12/14/2015	8/9/2018	\$300,000
Verdu, Sergio	AWD1004694	Grant	2016 IEEE International Symposium on Information Theory Student Travel Support	NSF - National Science Foundation	1/1/2016	9/30/2016	\$20,000
Tsui, Daniel Chee	AWD1004846	Contract	Novel Quantum Hall physics in Low Dimensional Electron Systems	Sandia National Laboratories	1/19/2016	9/30/2017	\$300,000
Mittal, Prateek	AWD1004707	Grant	CAREER: Trustworthy Social Systems Using Network Science	NSF - National Science Foundation	2/1/2016	1/31/2021	\$520,957
Abbe, Emmanuel Auguste	AWD1004738	Grant	Information-Geometric Embeddings for Feature Extraction in Networks	Army Research Office	2/8/2016	12/7/2017	\$200,000
Fleischer, Jason W.	AWD1004768	Contract	Correlation-and Radiometry-InSpired Plenoptic Imaging	Defense Advanced Research Projects Agency	4/8/2016	4/7/2018	\$1,859,225
Lyon, Stephen Aplin	AWD1004861	Contract	Electron Spin Qubits on Superfluid Helium	Sandia National Laboratories	5/18/2016	9/1/2018	\$133,332
Sengupta, Kaushik	AWD1004822	Grant	Portable Fluorescence-based Bio-Molecular Sensor on CMOS Chip with Integrated Nano-Optics for Massively Multiplexed Assays	NSF - National Science Foundation	7/1/2016	6/30/2019	\$360,000
Mittal, Prateek	AWD1004893	Grant	CIF: Small: Collaborative Research: Analytics on Edge-labeled Hypergraphs: Limits to De-Anonymization	NSF - National Science Foundation	7/1/2016	6/30/2019	\$250,000

Electrical Engineering (5)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Engin	AWD1004894	Grant	Photon-mediated Interactions in Superconducting Circuits as a New Tool to Study Emergent Phenomena Far from Equilibrium	DOE - Chicago	7/1/2016	6/30/2019	\$535,422
Sengupta, Kaushik	AWD1004856	Grant	DURIP: Universal Chip-scale mm-Wave and THz systems with Programmable Electromagnetic Fields for New Modalities in Sensing, Communication and Computation	Office of Naval Research	7/15/2016	7/14/2017	\$391,013
Mittal, Prateek	AWD1004939	Contract	Machine-Intelligence for Advanced Notification of Threats and Energy-Grid Survivable Situational Awareness (MANTESSA)	Applied Communications Sciences	8/1/2016	7/27/2020	\$1,382,475
Poor, H. Vincent	AWD1005018	Grant	Integrated Cognitive Mobile and Social Networking	Arizona State University	8/8/2016	8/7/2019	\$225,000
Houck, Andrew Addison	AWD1004950	Grant	Many-Body Quantum Optics and Light-Matter Interactions in Superconducting Circuits	NSF - National Science Foundation	8/15/2016	7/31/2020	\$580,000
Malik, Sharad	AWD1004899	Grant	XPS: FULL: Hardware Software Abstractions: Addressing Specification and Verification Gaps in Accelerator-Oriented Parallelism	NSF - National Science Foundation	9/1/2016	8/31/2020	\$875,000
Ramadge, Peter Jeffrey	AWD1004979	Grant	CRCNS: Collaborative Research: A Common Model of the Functional Architecture of Human Cortex	NSF - National Science Foundation	9/1/2016	8/31/2019	\$307,292
Poor, H. Vincent	AWD1004992	Grant	EAGER: Physical-Layer Security for the Internet of Things	NSF - National Science Foundation	9/1/2016	8/31/2018	\$200,000
Chou, Stephen Y.	AWD1005002	Grant	SNM: 3D Nanomanufacturing by Imprint and Strain Engineering (3D NISE)	The Johns Hopkins University	9/1/2016	8/31/2020	\$317,500
Rodriguez, Alejandro W.	AWD1005093	Grant	EFRI ACQUIRE: An Integrated Quantum Communication	University of Washington	9/1/2016	8/31/2020	\$396,375
Chiang, Mung	AWD1004998	Grant	Security to IoT Connected Cars	Cisco Systems, Inc.	9/12/2016	6/30/2017	\$51,262
Sengupta, Kaushik	AWD1005081	Grant	(MURI-2016) Universal Electromagnetic Surface: Exploiting Active Electronics and Active Origami to Generate a Programmable Electromagnetic Response	Calif Inst of Technology (Cal Tech)	9/30/2016	3/31/2018	\$360,500
Jha, Niraj Kumar	AWD1004941	Grant	CSR: Small: Energy-efficient Embedded Signal-processing Inference Systems	NSF - National Science Foundation	10/1/2016	9/30/2019	\$480,000
Jha, Niraj Kumar	AWD1004978	Grant	TWC: Small: Physiological Information Leakage: A New Front on Health Information Security	NSF - National Science Foundation	10/1/2016	9/30/2019	\$500,000
Lyon, Stephen Aplin	AWD1005169	Grant	Princeton Quantum Engineering Group	The MITRE Corporation	10/1/2016	9/30/2017	\$15,000
Tureci, Hakan Engin	AWD1004991	Grant	Microlasers as a Platform to Study Fluctuations in Non-Hermitian Dynamical Systems	NSF - National Science Foundation	12/1/2016	11/30/2019	\$300,000

Electrical Engineering (6)ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Fleischer, Jason W.	AWD1005225	Contract	Analog Computing with Optical Non-Linearities for Plasma Simulations (ACORN)	BBN Technologies	12/1/2016	2/6/2018	\$200,000
Poor, H. Vincent	AWD1005216	Contract	Secure Li-Fi Wireless Communication Systems: From Fundamental Limits to Practical Schemes	King Abdullah Univ of Science and Tech	4/1/2017	3/31/2020	\$150,000
Poor, H. Vincent	AWD1005224	Grant	WiFiUS: Collaborative Research: Secure Inference in the Internet of Things	NSF - National Science Foundation	4/1/2017	3/31/2019	\$150,000
Chiang, Mung	AWD1005371	Contract	Dispersed Computing	BAE Systems, Inc.	4/19/2017	4/18/2021	\$600,000
Sengupta, Kaushik	AWD1005247	Grant	Bit-to-THz: Universally Programmable THz Surfaces with Sub-wavelength Field and Response Synthesis	Office of Naval Research	6/1/2017	5/31/2020	\$510,000

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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, Meredith Anne	AWD1004379	Grant	New Directions Fellowship	The Andrew W. Mellon Foundation	7/1/2015	6/30/2018	\$258,594

Gender & Sexuality StudiesACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	6/30/2017	\$104,870

Geosciences

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
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	NSF - National Science Foundation	9/1/2010	8/31/2016	\$1,390,493
Ward, Bettie	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
Medvigy, David M.	CNV1001697	Grant	CAREER: Impacts of Amazon Deforestation on Earth's Climate, Water, and Ecosystems: The Ebb of the Green Ocean?	NSF - National Science Foundation	2/15/2012	1/31/2017	\$555,824
Simons, Frederik Jozef	CNV1002046	Grant	CAREER: From Robust, Reproducible Geophysical Inference to Geological Interpretation: New Perspectives on the Continental Lithosphere	NSF - National Science Foundation	9/15/2012	8/31/2017	\$499,969
Ward, Bettie	CNV1002164	Grant	Net Community Production and Carbon Export in the Southern Ocean: Measurements and Scaling	NASA Headquarters - Washington	11/16/2012	11/15/2017	\$534,113
Tromp, Jeroen	CNV1002572	Grant	Simulations of Seismic Wave Propagation on Mars	Cal Tech - Jet Propulsion Lab (JPL)	5/9/2013	6/8/2018	\$256,294
Maloof, Adam C.	CNV1002919	Grant	Collaborative Research: Quantifying Rate of Neoproterozoic Global Change, Ethiopia	NSF - National Science Foundation	1/1/2014	12/31/2017	\$150,000
Rubin, Allan Mattathias	CNV1002979	Grant	Developing High-resolution Tremor Catalogs to Constrain Numerical Models of Slow Slip	NSF - National Science Foundation	2/15/2014	1/31/2018	\$299,961
Higgins, John Andrew	CNV1002978	Grant	Magnesium Isotopes in Marine Dolomite - New Insights into an Old Problem	American Chemical Society	3/1/2014	8/31/2016	\$100,000
Sigman, Daniel Mikhail	CNV1003111	Grant	High-Resolution Assemblage-Specific Records of Diatom-Bound N Isotopes from the Indian Sector of the Antarctic Ocean	NSF - National Science Foundation	5/1/2014	4/30/2018	\$491,850
Ward, Bettie	AWD1004089	Grant	Lagrangian Particle Tracking as a Unifying Framework to Study Variability of Acidification in Coastal Waters	NASA Headquarters - Washington	6/28/2014	6/27/2018	\$490,292
Simons, Frederik Jozef	AWD1004291	Grant	Structure and Evolution of the Martian Crustal Magnetic Field	NASA Headquarters - Washington	7/2/2014	7/1/2018	\$347,811
Schoene, Robert Blair	AWD1004053	Grant	Collaborative Research: EarthScope Geochronology: Graduate Student Training Program	NSF - National Science Foundation	8/1/2014	7/31/2018	\$36,044
Duffy, Thomas S.	AWD1004109	Grant	Perovskite and Post-Perovskite in the (Mg,Fe) GeO ₃ System	NSF - National Science Foundation	8/1/2014	7/31/2018	\$360,000
Onstott, Tullis C.	AWD1004100	Grant	Dimensions: Collaborative Research: Genetic, Phylogenetic, and Functional Microbial Diversity in Permanently Frozen Aquatic Sediments Over Geological Time	NSF - National Science Foundation	8/15/2014	7/31/2019	\$452,071

Geosciences (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	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
Maloof, Adam C.	AWD1004126	Grant	Collaborative Research: Toward a Global Timeline of Biological and Ocean Geochemical Change During the Early Cambrian	NSF - National Science Foundation	9/1/2014	8/31/2018	\$1,054,947
Onstott, Tullis C.	AWD1004166	Grant	Analytical Tools for Cross Metagenome Comparisons	University of Southern California	9/1/2014	8/31/2016	\$64,000
Jayakumar, Amal	CNV1003041	Grant	Collaborative Research: Dinitrogen Fixation Rates and Diazotrophic Communities in Contrasting Oxygen Regimes of the Eastern Pacific Ocean	NSF - National Science Foundation	9/1/2014	8/31/2018	\$342,062
Onstott, Tullis C.	AWD1004149	Grant	Collaborative Research: Untangling the Deep Genealogy of Microbial Dark Matter	NSF - National Science Foundation	10/1/2014	9/30/2018	\$398,307
Sigman, Daniel Mikhail	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
Myneni, Satish Chandra Babu	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	12/31/2017	\$414,518
Myneni, Satish Chandra Babu	AWD1004281	Grant	Collaborative Research: Highly Reactive Thiol Binding Sites on Bacterial Cell Envelopes and their Influence on Metal Speciation in Aquatic Systems	NSF - National Science Foundation	3/1/2015	2/28/2018	\$120,000
Higgins, John Andrew	AWD1004318	Grant	Ca and Mg Isotopic Indicators in Ancient Carbonates	The Simons Foundation	4/1/2015	3/31/2018	\$230,785
Schoene, Robert Blair	AWD1004341	Grant	A High-precision U-Pb Age Model for the Deccan Traps	NSF - National Science Foundation	4/1/2015	3/31/2017	\$89,136
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
Myneni, Satish Chandra Babu	AWD1004431	Grant	Collaborative Research: Halocarbon Biogeochemistry in Coastal Wetland Ecosystems - Exploring the Transition from Forested Wetland to Salt Marsh	NSF - National Science Foundation	8/1/2015	7/31/2018	\$89,671
Onstott, Tullis C.	AWD1004435	Grant	Racemization Dating of Subsurface Microorganisms	NSF - National Science Foundation	8/1/2015	7/31/2018	\$293,003
Sigman, Daniel Mikhail	AWD1004557	Grant	Collaborative Research: Identifying the Role of Basin-scale Climate Variability in the Decline of Atlantic Corals	NSF - National Science Foundation	9/1/2015	8/31/2018	\$264,801

Geosciences (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Higgins, John Andrew	AWD1004580	Grant	Collaborative Research: Window into the World with 40,000-year Glacial Cycles from Climate Records in Million Year-old Ice from the Allan Hills Blue Ice Area	NSF - National Science Foundation	9/1/2015	8/31/2018	\$576,235
Duffy, Thomas S.	AWD1004371	Grant	Dynamic Compression of Earth and Planetary Materials Using Omega Laser	DOE - National Nuclear Security Admin	9/15/2015	9/14/2017	\$200,001
Tromp, Jeroen	AWD1004660	Grant	Advanced Full Wavefield Seismic Imaging for Analysis, Sensor Concept Development, Analytical and Field Test Evaluations	University of Kansas	9/29/2015	9/30/2017	\$374,585
Higgins, John Andrew	AWD1004690	Grant	Illuminating Earth's Past, Present and Future: The International Ocean Discovery Program Science Plan for 2013-2023	The Trustees of Columbia University	10/1/2015	2/28/2018	\$27,500
Tromp, Jeroen	AWD1004743	Contract	Full-Waveform Inversion of Passive Seismic Data	TOTAL E&P Research & Technology USA, LLC	10/1/2015	9/30/2017	\$307,685
Rubin, Allan Mattathias	AWD1004732	Grant	Ultrasonic Imaging of Laboratory Faults to Illuminate the Micro-mechanical Origins of Rate and State Friction: Collaborative Research with Princeton University and The Pennsylvania State University	U.S. Geological Survey	2/1/2016	1/31/2017	\$56,766
Rubin, Allan Mattathias	AWD1004763	Grant	Collaborative Research: Laboratory and Theoretical Investigations of the Micro-Mechanical Origins of Rate and State Friction on Tectonic Faults	NSF - National Science Foundation	3/1/2016	2/28/2019	\$254,833
Schoene, Robert Blair	AWD1004830	Grant	Collaborative Research: Testing the Hypothesis: Bigger Magma Chambers Crystallize Faster	NSF - National Science Foundation	5/1/2016	4/30/2017	\$32,167
Simons, Frederik Jozef	AWD1004886	Grant	Collaborative Research: Reproducible Research and Educational Software for Geoscience Data Analysis in Spherical and Planar Geometry	NSF - National Science Foundation	7/1/2016	6/30/2019	\$96,320
Myneni, Satish Chandra Babu	AWD1004932	Grant	Collaborative Research: The Chemistry of Lignin's Photochemical Transformation in the Environment: Implications for Global Carbon Cycling	NSF - National Science Foundation	8/1/2016	7/31/2019	\$330,000
Ward, Bettie	AWD1005189	Grant	Extrapolating Carbon Dynamics of Seasonally Dry Tropical Forests Across Geographic Scales and into Future Climates: Improving Simulation Models with Empirical Observations	University of Notre Dame	8/1/2016	7/31/2018	\$156,392
Tromp, Jeroen	AWD1005065	Grant	Computational Infrastructure for Geodynamics	University of California at Davis	8/15/2016	7/31/2021	\$513,258
Duffy, Thomas S.	AWD1004954	Grant	High-Pressure Polymorphism of Two High-Strength Ceramics: Boron Carbide (B4C) and Silicon Carbide (SiC)	DOE - Chicago	9/1/2016	8/31/2018	\$164,227

Geosciences (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Maloof, Adam C.	AWD1005120	Contract	Inspire: Search for Records of Hadean Dynamo from Detrital Zircons	Massachusetts Institute of Technology	9/1/2016	8/31/2019	\$37,124
Schoene, Robert Blair	AWD1005135	Grant	EarthCube Data Infrastructure: Collaborative Proposal: Development of an Integrated Data System for the Geological Field Sciences	University of Kansas	9/1/2016	8/31/2019	\$38,055
Ward, Bettie	AWD1005163	Contract	Exploring Anammox from the Macro to the Molecular Scale	Harvard University	10/17/2016	10/16/2018	\$300,396
Morel, Francois M. M.	AWD1005151	Grant	Post-Doctoral Fellowship	Life Sciences Research Foundation	11/1/2016	10/31/2019	\$180,000
Duffy, Thomas S.	AWD1005096	Grant	In Situ X-ray Diffraction Study of Phase Transitions in Shock-Compressed Minerals	NSF - National Science Foundation	1/1/2017	12/31/2019	\$478,000
Tromp, Jeroen	AWD1005097	Grant	Toward Exascale Global Adjoint Tomography	NSF - National Science Foundation	1/1/2017	12/31/2019	\$547,492
Duffy, Thomas S.	AWD1005130	Grant	Shock Compression of Geological Materials at the Institute for Shock Physics	Washington State University	1/1/2017	12/31/2019	\$332,835
Schoene, Robert Blair	AWD1005122	Grant	Collaborative Research: Andean Plutonic Perspectives on Generation, Storage, and Eruption of Rhyolite	NSF - National Science Foundation	1/15/2017	6/30/2019	\$89,977
Irving, Jessica Claire Elizabeth	AWD1005098	Grant	Seismological Probes of Earth's Outer Core	NSF - National Science Foundation	2/1/2017	1/31/2020	\$307,844
Rubin, Allan Mattathias	AWD1005198	Grant	Catalog-Constrained Models of Tremor and Slow Slip	NSF - National Science Foundation	3/15/2017	2/29/2020	\$332,839
Higgins, John Andrew	AWD1005204	Grant	CAREER: What Sets the CO2 Thermostat? Insights from the Global Geochemical Cycles of Ca, Mg, and K	NSF - National Science Foundation	3/15/2017	2/28/2022	\$819,200
Simons, Frederik Jozef	AWD1005215	Contract	Waveform and Tomographic Inversion for Natural and Induced Seismic Events	King Abdullah Univ of Science and Tech	4/1/2017	3/31/2020	\$306,710
Maloof, Adam C.	AWD1005307	Grant	How do Carbonates Record Sea Level and Seawater Chemistry?	Evolving Earth Foundation	5/1/2017	5/1/2018	\$3,000

Graduate School

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Ramesh	CNV1002376	Grant	Graduate School Fellowships	Krell Institute	9/1/2010	8/31/2037	\$2,185,116
Kulkarni, Sanjeev Ramesh	CNV1002383	Grant	Graduate School Fellowships	Krell Institute	9/1/2010	8/31/2020	\$522,092
Kulkarni, Sanjeev Ramesh	CNV1001514	Grant	Graduate Research Fellowship Program (GRFP)	NSF - National Science Foundation	8/1/2011	7/31/2017	\$19,249,838
Kulkarni, Sanjeev Ramesh	CNV1001823	Grant	Expanding The Mission	The Teagle Foundation	6/15/2012	5/30/2017	\$125,000
Kulkarni, Sanjeev Ramesh	CNV1002744	Grant	Educational Service Agreement with Airforce Research Institute for Airforce Fellows	Air Force Research Institute	1/23/2013	6/30/2019	\$290,105
Kulkarni, Sanjeev Ramesh	CNV1002367	Grant	Graduate School Fellowship	Howard Hughes Medical Institute	9/1/2013	8/31/2018	\$1,585,031
Kulkarni, Sanjeev Ramesh	AWD1004592	Grant	United States Navy Fellows	Navy - Other	9/1/2015	8/31/2025	\$23,610
Kulkarni, Sanjeev Ramesh	AWD1004593	Grant	U.S.Army Tuition Fellowships	U.S. Army Command & General Staff Coll	9/1/2015	8/31/2025	\$167,160
Kulkarni, Sanjeev Ramesh	AWD1004595	Grant	Howard Hughes International Student Research Fellow (HHMI)	Howard Hughes Medical Institute	9/1/2015	8/31/2025	\$301,500
Kulkarni, Sanjeev Ramesh	AWD1004599	Grant	Howard Hughes Gilliam Fellows	Howard Hughes Medical Institute	9/1/2015	8/31/2025	\$86,000
Kulkarni, Sanjeev Ramesh	AWD1004600	Grant	National Defense Science and Engineering Graduate Fellowship (NDSEG)	American Society for Engineering Educ	9/1/2015	8/31/2025	\$1,612,840
Kulkarni, Sanjeev Ramesh	AWD1004602	Grant	Department of Energy (DOE) Computational Science Graduate Fellowship (CSGF)	Krell Institute	9/1/2015	8/31/2025	\$275,825
Kulkarni, Sanjeev Ramesh	AWD1004603	Grant	Department of Energy National Nuclear Security Administration Stewardship Science Graduate Fellowship (DOE NNSA SSGF)	Krell Institute	9/1/2015	8/31/2025	\$0
Kulkarni, Sanjeev Ramesh	AWD1004965	Grant	Graduate Research Fellowship Program (GRFP)	NSF - National Science Foundation	9/1/2016	8/31/2021	\$7,217,400
Kulkarni, Sanjeev Ramesh	AWD1005153	Contract	Educational Services Agreement - Air Force Institute of Technology (AFIT) - Wright Patterson AFB	Air Force Institute of Technology	9/1/2016	11/22/2021	\$2,500,000
Biehl, Joao	AWD1005149	Grant	Fulbright-Hays Doctoral Dissertation Research Abroad	U.S. Department of Education	9/30/2016	3/31/2018	\$30,591
Kulkarni, Sanjeev Ramesh	AWD1005154	Contract	Educational Services Agreement - Navy NAVSUP Fleet Logistics Center San Diego	Naval Postgraduate School	1/26/2017	1/26/2022	\$23,610
Mian, Zia	AWD1005249	Grant	Princeton Citizen Scientists Campaign for Education, Mobilization and Engagement on Nuclear Policy Challenges Under the Trump Administration	Ploughshares Fund	3/23/2017	12/29/2017	\$10,000

History

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Darnton, Robert Choate	CNV1000222	Grant	Book Country: Publishing and the Book Trade in Francophone Europe, 1769-1789	The Florence Gould Foundation	1/1/2006	6/30/2018	\$25,000
Brown, Peter Robert	CNV1001638	Grant	Figures in a Landscape: Topography and Hagiography in the World of Syriac Christianity	International Balzan Foundation	1/1/2012	6/30/2017	\$391,809
Shawcross, Clare Teresa	CNV1001875	Grant	New Directions Fellowship Program	The Andrew W. Mellon Foundation	7/1/2012	8/31/2017	\$203,932
Lew-Williams, Elizabeth	AWD1004285	Grant	The Chinese Must Go: The Violent Birth of American Border Control	The Harry Frank Guggenheim Foundation	9/1/2015	8/31/2016	\$53,760
Grafton, Anthony Thomas	AWD1004705	Grant	Education and its Discontents	Charles Koch Foundation	10/1/2015	8/31/2016	\$60,000
Grafton, Anthony Thomas	AWD1005027	Grant	Into the Mathematical Ocean: Mathematics, Navigation, and Self-Education in the Early Modern Atlantic World	Charles Koch Foundation	8/1/2016	10/31/2016	\$1,600
Grafton, Anthony Thomas	AWD1004982	Grant	Transforming Graduate Education in the Humanities at Princeton	National Endowment for the Humanities	9/1/2016	8/31/2017	\$25,000
Grafton, Anthony Thomas	AWD1005044	Grant	Education and its Discontents	Charles Koch Foundation	9/1/2016	8/31/2017	\$70,000

History of Science

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Wailoo, Keith Andrew	AWD1005192	Grant	Doctoral Dissertation Research: The History of Film and Video in Child Psychiatric Research	NSF - National Science Foundation	3/1/2017	2/28/2018	\$12,158

Industrial Relations SectionACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	1/15/2017	\$79,000

Lewis Center for the ArtsACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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

Lewis-Sigler Institute for Integrative Genomics

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
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
Gregor, Thomas	CNV1001436	Grant	The Biophysical and Molecular Mechanisms of Reliability in Development	NIH NIGMS	7/21/2011	7/11/2016	\$1,297,527
Shvartsman, Stanislav Yefimovic	CNV1001530	Grant	EFRI-MIKS: Multiscale Analysis of Morphogen Gradients	NSF - 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
Gregor, Thomas	CNV1001668	Grant	Controlling Collective Behavior in Eukaryotic Cell Populations	NIH NIGMS	2/1/2012	1/31/2018	\$1,061,636
Rabinowitz, Joshua D.	CNV1001958	Grant	University of Pennsylvania Diabetes Research Center	University of Pennsylvania	5/15/2012	3/31/2017	\$1,348,349
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
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
Singh, Mona	CNV1001944	Grant	Predicting and Analyzing Protein Interaction Networks	NIH NIGMS	8/10/2012	3/31/2017	\$1,220,035
Rabinowitz, Joshua D.	CNV1001966	Grant	Mechanisms and Consequences of Metabolic Manipulation by Human Cytomegalovirus	NIH NIAID	8/17/2012	7/31/2017	\$2,183,966
Shvartsman, Stanislav Yefimovic	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
Storey, John D.	CNV1002701	Grant	Statistical Methods for High-Throughput Gene Expression Profiling	NIH NHGRI	8/22/2013	6/30/2017	\$1,121,151
Lieb, Jason Dillon	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
Bialek, William	CNV1002695	Grant	Statistical Mechanics of Self-Assembly	Human Frontier Science Prog Org (HFSPO)	9/1/2013	8/31/2016	\$161,280
Botstein, David	CNV1002700	Grant	Genetics of Functional Interactions in Yeast	NIH NIGMS	9/1/2013	8/31/2016	\$1,652,716
Shvartsman, Stanislav Yefimovic	CNV1003091	Grant	Dynamics of Epithelial Morphogenesis	NIH NIGMS	5/1/2014	1/31/2018	\$1,222,902
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	5/29/2018	\$217,872
Dolinski, Kara J.	AWD1004193	Grant	Personalization of Therapeutic Efficacy and Risk	University of Pennsylvania	6/1/2014	5/31/2017	\$571,635
Troyanskaya, Olga G.	AWD1004194	Grant	Personalization of Therapeutic Efficacy and Risk	University of Pennsylvania	6/1/2014	5/31/2017	\$469,146

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ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Troyanskaya, Olga G.	AWD1004195	Grant	Personalization of Therapeutic Efficacy and Risk - Core F/G	University of Pennsylvania	6/1/2014	5/31/2017	\$387,039
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
Leifer, Andrew Michael	AWD1004003	Grant	Whole Brain Calcium Imaging in Freely Behaving Nematodes	The Simons Foundation	7/1/2014	11/30/2017	\$320,000
Bialek, William	AWD1004017	Grant	Searching for Universality in the State Space of Neural Networks	The Simons Foundation	7/1/2014	6/30/2018	\$340,000
Tank, David W.	CNV1003230	Grant	Neural Circuit Imaging and Stimulation at Cellular Resolution in Virtual Reality	NIH NIMH	7/1/2014	6/30/2019	\$0
Rabinowitz, Joshua D.	AWD1004013	Grant	Intact Protein as a Cancer Fuel Source	NIH NCI	9/1/2014	8/31/2017	\$129,372
Shaevitz, Joshua William	AWD1004117	Grant	Multiscale Studies of Collective Behavior in a Model Social Bacterium	NSF - 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	NSF - National Science Foundation	9/1/2014	8/31/2016	\$300,000
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
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
Murphy, Coleen T.	AWD1004161	Grant	Identifying Postsynaptic Regulators of Long-term Memory in <i>Caenorhabditis Elegans</i>	NIH NIA	3/15/2015	3/14/2018	\$167,091
Singh, Mona	AWD1004365	Grant	ABI: Innovation: Computationally Uncovering Dynamic Transcription Factor Interactions within and Across Organisms	NSF - 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	\$1,709,770
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	\$2,580,473
Gregor, Thomas	AWD1004454	Grant	Greater as a Whole: Bridging Intracellular Signaling and Population Behaviors in Collective Systems	The Burroughs Wellcome Fund	7/1/2015	6/30/2017	\$140,000
Levine, Michael Steven	AWD1004487	Grant	Developing Live Imaging to Visualize Enhancer-promoter Interaction in the Early <i>Drosophila</i> Embryo	Human Frontier Science Prog Org (HFSP)	7/1/2015	6/30/2018	\$160,980

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ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Shvartsman, Stanislav Yefimovic	AWD1004510	Grant	Data-driven Models of Cell Communication in Embryos	NSF - National Science Foundation	8/1/2015	7/31/2018	\$900,001
Andolfatto, Peter	AWD1004556	Grant	Parallel Evolution at NA,K-ATPase: A Model System for Understanding Constraints on the Evolution of Novel Protein Functions	NIH NIGMS	9/1/2015	5/31/2019	\$1,265,398
Troyanskaya, Olga G.	AWD1004658	Grant	Methodologies for Tissue- and Cell-Lineage Specific Analysis of Complex Functional Genomic Data	The Simons Foundation	9/1/2015	8/31/2018	\$390,000
Shvartsman, Stanislav Yefimovic	AWD1004681	Grant	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular Systems (EBICS)	Massachusetts Institute of Technology	9/1/2015	8/31/2020	\$675,000
Shvartsman, Stanislav Yefimovic	AWD1004617	Grant	Activating Mutations in MEK: From Molecules to Morphologies	NIH NIGMS	9/4/2015	8/31/2019	\$1,722,940
Shvartsman, Stanislav Yefimovic	AWD1004733	Contract	Data Fusion for Studies of Developmental Dynamics	Weizmann Institute of Science	9/10/2015	9/9/2016	\$50,000
Murphy, Coleen T.	AWD1004614	Grant	Molecular Mechanisms Regulating Age-Related Cognitive Decline	NIH NIA	9/15/2015	5/31/2020	\$1,628,271
Murphy, Coleen T.	AWD1004613	Grant	Dissecting the Genetic and Molecular Networks Underlying Longevity and Aging	NIH NIA	9/30/2015	8/31/2017	\$556,546
Murphy, Coleen T.	AWD1004632	Grant	Toward the Tissue-ome: A Map of the C. Elegans Cell-Specific Transcriptome	NIH NIGMS	9/30/2015	7/31/2020	\$4,050,000
Gregor, Thomas	AWD1004669	Cooperative Agreement	Imaging Chromosome Dynamics and Measuring its Impact on Transcriptional Activity	NIH NIBIB	9/30/2015	6/30/2020	\$1,850,000
Levine, Michael Steven	AWD1004813	Grant	Molecular Analysis of Segmentation in Drosophila	NIH NIGMS	11/1/2015	1/31/2017	\$468,891
Tilghman, Shirley Marie	AWD1004726	Contract	A Proposal to Support the Rescue of Biomedical Research Initiative	Silicon Valley Community Foundation	11/3/2015	11/2/2017	\$299,112
Shaevitz, Joshua William	AWD1004701	Grant	The Biophysical Mechanism of Pilus-Based Surface Sensing in Pseudomonas Aeruginosa	NIH NIAID	1/1/2016	12/31/2017	\$436,374
Rabinowitz, Joshua D.	AWD1004724	Grant	Mitochondrial Folate Metabolism in Cancer Cell Growth and Proliferation	American Cancer Society, Inc. (ACS)	1/1/2016	3/31/2017	\$163,500
Singh, Mona	AWD1004751	Grant	Identification of Cancer Driver Metabolites Through Genomic Approaches	NJ Commission on Cancer Research	1/1/2016	12/31/2017	\$50,000
Rabinowitz, Joshua D.	AWD1005089	Contract	Reprogramming of Transcriptional Circuitry to Control Pancreatic Cancer	Translational Genomics Research Inst	1/1/2016	12/31/2018	\$973,715
Andolfatto, Peter	AWD1004798	Grant	Characterizing Genomic Patterns of Introgression in Colias Eurytheme and C. Philodice	Society for the Study of Evolution	3/1/2016	2/28/2018	\$2,500
Andolfatto, Peter	AWD1004805	Grant	Variation in Olfaction in Response to Artificial Selection on an Olfactory Stimulus	Society for the Study of Evolution	3/1/2016	2/28/2018	\$2,250

Lewis-Sigler Institute for Integrative Genomics (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Shvartsman, Stanislav Yefimovic	AWD1005040	Grant	Reading and Writing the Morphogenetic Code	Tufts University	4/1/2016	3/31/2018	\$147,217
Rabinowitz, Joshua D.	AWD1005178	Grant	University of Pennsylvania Diabetes Research Center	University of Pennsylvania	4/1/2016	3/31/2017	\$249,550
Rabinowitz, Joshua D.	AWD1005206	Grant	Establishing the Rutgers Cancer Institute of New Jersey's Revolutionary Awards for Work in Innovative and Critical Areas of Cancer Research	Rutgers University - New Brunswick	6/15/2016	12/31/2018	\$168,417
Levine, Michael Steven	AWD1004956	Grant	Developmental Patterning of the Anterior Neural Plate in a Simple Chordate	NIH NINDS	6/29/2016	4/30/2018	\$345,024
Levine, Michael Steven	AWD1004901	Grant	Molecular Characterization of the Dorsal Morphogen	NIH NIGMS	7/1/2016	6/30/2017	\$390,250
Singh, Mona	AWD1004916	Grant	Interaction-based Computational Methods for Analyzing Cancer Genomes	NIH NCI	7/1/2016	6/30/2021	\$1,805,280
Dolinski, Kara J.	AWD1004919	Contract	BioGRID: An Open Integrated Resource for Biological Interaction Data	Mount Sinai Hospital	7/1/2016	5/31/2021	\$2,139,145
Gregor, Thomas	AWD1005051	Grant	Towards a 4D Understanding of Chromatin Architecture and Transcriptional Regulation	Charles H. Revson Foundation	7/1/2016	6/30/2018	\$191,660
Rabinowitz, Joshua D.	AWD1005053	Grant	Identification of Metabolic Vulnerabilities of Ras-Driven Cancer Cells	Rutgers University - New Brunswick	7/1/2016	6/30/2017	\$243,312
Rabinowitz, Joshua D.	AWD1005144	Grant	The Regulation of Cell Metabolism and Proliferation by mTOR Complex 2	Rutgers University - New Brunswick	7/1/2016	6/30/2017	\$28,988
Andolfatto, Peter	AWD1005034	Grant	The Evolution of a Co-Opted Gene-Regulatory Network Underlying a Rapidly Evolving	NIH NIGMS	7/4/2016	4/30/2020	\$1,708,212
Gregor, Thomas	AWD1005003	Grant	The Biophysical and Molecular Mechanisms of Reliability in Development	NIH NIGMS	7/12/2016	2/29/2020	\$1,642,127
Rabinowitz, Joshua D.	AWD1004985	Grant	Towards a Holistic Understanding of Animal Metabolism	Life Sciences Research Foundation	8/1/2016	7/31/2019	\$180,000
Shvartsman, Stanislav Yefimovic	AWD1005174	Contract	Mechanisms of Signal Integration in Developmental Control of Organ Size and Tissue Patterning	University of Massachusetts Boston	8/5/2016	4/30/2021	\$549,375
Shvartsman, Stanislav Yefimovic	AWD1004952	Grant	EGFR Signaling Dynamics during Embryogenesis	U.S.-Israel Binational Science Fdn.	9/1/2016	8/31/2020	\$24,000
Rajan, Kanaka	AWD1004955	Grant	Integrative Theory of Memory and Cognitive Processes	James S. McDonnell Foundation	9/1/2016	8/31/2022	\$600,000
Lu, Wenyun	AWD1005033	Grant	Revealing Cancer Metabolism Via Mass Spectrometry and Isotope Tracers	NIH NCI	9/19/2016	8/31/2021	\$542,135
Levine, Michael Steven	AWD1005016	Grant	Visualization of Gene Activity in the Drosophila Embryo	NIH NIGMS	9/23/2016	7/31/2021	\$2,682,161
Rabinowitz, Joshua D.	AWD1005036	Grant	Metabolism in Action: Quantitative Fluxes in Mammals	NIH NIDDK	9/30/2016	7/31/2021	\$5,670,000

Lewis-Sigler Institute for Integrative Genomics (5)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Shaevitz, Joshua William	AWD1005054	Grant	The Physics of Social Behavior in the 3-Dimensional Shoaling of Zebrafish, Danio Rerio	Human Frontier Science Prog Org (HFSP)	10/1/2016	9/30/2019	\$115,970
Murphy, Coleen T.	AWD1005048	Grant	HHMI Faculty Scholar Program	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$600,000
Gregor, Thomas	AWD1005145	Grant	Uncovering Regulatory Dynamics in Living Embryos; from Enhancer Looping to Transcription Bursting	Human Frontier Science Prog Org (HFSP)	11/15/2016	11/14/2019	\$160,980
Levine, Michael Steven	AWD1005133	Grant	Regulation of Transcriptional Bursting in the Drosophila Embryo	NIH NIGMS	1/1/2017	12/31/2019	\$113,760
Rabinowitz, Joshua D.	AWD1005162	Grant	Whole-Body Branched-Chain Amino Acid Metabolic Flux and its Role in Diabetes	American Diabetes Association	1/1/2017	12/31/2019	\$161,112
Rabinowitz, Joshua D.	AWD1005231	Contract	Target Identification/Validation through Quantifying NADPH Flux, & Mapping Consumption into De Novo Lipogenesis (DNL) in Models of NASH/NAFLD	Pfizer Inc.	1/24/2017	7/23/2019	\$550,000
Ayroles, Julien F.	AWD1005227	Grant	The Genetic Basis of Gene Expression Robustness Under Dietary Stress	Human Frontier Science Prog Org (HFSP)	4/1/2017	4/30/2020	\$115,970
Rabinowitz, Joshua D.	AWD1005252	Grant	Glycine Metabolism in Cancer	NIH NCI	4/1/2017	3/31/2019	\$198,008
Storey, John D.	AWD1005279	Grant	Models and Methods for Population Genomics	NIH NHGRI	5/10/2017	3/31/2021	\$1,392,109

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Magier, David S.	CNV1002986	Grant	Princeton University Library's Latin American Ephemera Project	Council on Library & Info. Resources	3/1/2014	2/28/2018	\$199,868

Mathematics

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Gabai, David	CNV1001124	Grant	Problems in Low Dimensional Geometry and Topology	NSF - National Science Foundation	7/1/2010	6/30/2017	\$790,971
Ozsath, Peter Steven	CNV1002015	Grant	Heegaard Diagrams and Holomorphic Disks	NSF - National Science Foundation	7/1/2012	12/31/2016	\$422,037
Klainerman, Sergiu	CNV1001934	Grant	Analysis of Black Hole Spacetimes	NSF - 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	7/31/2018	\$660,000
Fefferman, Charles Louis	CNV1001913	Grant	Interpolation by Smooth Functions and Smooth Manifolds	Air Force Office of Scientific Research	8/15/2012	8/14/2017	\$817,881
Ionescu, Alexandru D.	CNV1002584	Grant	Global Solutions of Semilinear and Quasilinear Dispersive Equations	NSF - National Science Foundation	7/1/2013	6/30/2018	\$397,000
Sarnak, Peter Clive	CNV1002585	Grant	Randomness in Number Theory and Automorphic Forms	NSF - National Science Foundation	7/1/2013	6/30/2018	\$608,000
Bhargava, Manjul	CNV1002586	Grant	Number Theory, Representation Theory, and Arithmetic Geometry	NSF - National Science Foundation	7/1/2013	6/30/2018	\$690,000
Szabo, Zoltan	CNV1002587	Grant	Heegaard Floer Homology, Knots, and Three-manifolds	NSF - National Science Foundation	7/1/2013	6/30/2017	\$452,367
Tian, Gang	CNV1002588	Grant	Geometric Equations and Geometric Applications	NSF - National Science Foundation	7/1/2013	6/30/2017	\$486,632
Sheridan, Nicholas James	CNV1002590	Grant	The Relative Fukaya Category and Mirror Symmetry	NSF - 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	NSF - National Science Foundation	8/1/2013	7/31/2018	\$204,000
Aretakis, Stefanos	CNV1002593	Grant	Analysis of Extremal Black Holes	NSF - National Science Foundation	8/1/2013	7/31/2016	\$148,000
Pusateri, Fabio Giuseppe	CNV1002596	Grant	Asymptotic Behavior for Dispersive and Hyperbolic PDEs	NSF - National Science Foundation	8/15/2013	7/31/2017	\$109,000
Skinner, Christopher McLean	CNV1002598	Grant	L-values, Galois Representations, and Elliptic Curves	NSF - National Science Foundation	8/15/2013	7/31/2017	\$140,000
Fefferman, Charles Louis	CNV1002594	Grant	Fourier Analysis and Partial Differential Equations	NSF - National Science Foundation	9/1/2013	8/31/2017	\$687,231
Aizenman, Michael	CNV1002600	Grant	Topics in the Spectral Theory of Random Operators and in Statistical Mechanics	NSF - National Science Foundation	9/1/2013	8/31/2016	\$186,000
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
Coda Santos Cavalcanti Marques, Fernando	CNV1002601	Grant	Mean Curvature Flow, Minimal Surfaces and Ricci Flow	NSF - National Science Foundation	9/15/2013	8/31/2018	\$157,897

Mathematics (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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, Michael C.	AWD1004006	Grant	The Mathematical Analysis of Black Holes and Spacetime Singularities in General Relativity	NSF - National Science Foundation	7/1/2014	6/30/2018	\$189,351
Naor, Assaf	AWD1004225	Grant	Simons Collaboration on Algorithms and Geometry - Director	The Simons Foundation	7/1/2014	6/30/2018	\$1,468,258
Sarkar, Sucharit	CNV1003042	Grant	CAREER: Extending and Unifying Modern Homological Invariants in Low Dimensional	NSF - National Science Foundation	7/1/2014	7/1/2016	\$141,332
Ozsvath, Peter Steven	CNV1003227	Grant	Heegaard Diagrams and Holomorphic Disks	NSF - National Science Foundation	7/1/2014	6/30/2018	\$353,086
Klainerman, Sergiu	AWD1004007	Grant	Problems in Nonlinear Hyperbolic Equations	NSF - National Science Foundation	7/15/2014	6/30/2018	\$360,000
Levine, Adam Simon	AWD1004037	Grant	Floer Homology and Surfaces in 3- and 4-Manifolds	NSF - National Science Foundation	8/1/2014	7/31/2017	\$168,803
Kollar, Janos	CNV1003134	Grant	Families of Varieties of General Type	NSF - National Science Foundation	8/1/2014	7/31/2019	\$670,000
Zhang, Shou-Wu	AWD1004098	Grant	Topics in Arithmetic Geometry	NSF - National Science Foundation	8/15/2014	9/30/2017	\$227,999
Naor, Assaf	AWD1004263	Grant	Packard Foundation Fellowship Grant	The David and Lucile Packard Foundation	12/10/2014	10/31/2017	\$440,291
Skinner, Christopher McLean	AWD1004443	Grant	The P-Adic Geometry of Shimura Varieties and Applications to the Langlands Program	NSF - National Science Foundation	7/1/2015	6/30/2018	\$159,469
Chang, Sun-Yung Alice	AWD1004445	Grant	Partial Differential Equations for Manifolds with Boundary	NSF - National Science Foundation	7/1/2015	6/30/2018	\$419,999
Coda Santos Cavalcanti Marques, Fernando	AWD1004453	Grant	Geometry, Analysis and Variational Methods	NSF - National Science Foundation	7/1/2015	6/30/2018	\$370,974
Ozsvath, Peter Steven	AWD1004456	Grant	Contact Structures and Floer Homology on 3-Manifolds with Boundary	NSF - National Science Foundation	7/1/2015	6/30/2018	\$159,464
Ionescu, Alexandru D.	AWD1004499	Grant	FRG: Collaborative Research: Long-Term Dynamics of Nonlinear Dispersive and Hyperbolic Equations: Deterministic and Probabilistic Methods	NSF - National Science Foundation	7/1/2015	6/30/2018	\$509,002
Vicol, Vlad Cristian	AWD1004457	Grant	Mathematical Analysis of Fluid Flow at High Reynolds Number from the Point of View of Turbulence	NSF - National Science Foundation	8/1/2015	7/31/2018	\$177,063
Skinner, Christopher McLean	AWD1004461	Grant	The 2015 Simons Foundation Investigators in Mathematics, Physics and Theoretical Computer Science Program-Parent	The Simons Foundation	8/1/2015	7/31/2020	\$660,435
Kollar, Janos	AWD1004569	Grant	Problems In Higher Dimensional Algebraic Geometry	NSF - National Science Foundation	8/15/2015	7/31/2018	\$162,000
Klainerman, Sergiu	AWD1004358	Grant	Research Leave for Sergiu Klainerman	The Simons Foundation	9/1/2015	8/31/2016	\$132,000

Mathematics (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Ozsvath, Peter Steven	AWD1004442	Grant	RTG: Geometry and Topology at Princeton	NSF - National Science Foundation	9/1/2015	8/31/2020	\$2,497,698
Vicol, Vlad Cristian	AWD1004444	Grant	Sloan Research Fellowship	Alfred P. Sloan Foundation	9/15/2015	9/14/2017	\$50,000
Fefferman, Charles Louis	AWD1004651	Grant	Fitting Smooth Functions To Data	U.S.-Israel Binational Science Fdn.	10/1/2015	9/30/2019	\$44,175
Klainerman, Sergiu	AWD1004664	Grant	Problems in Mathematical GR: Fall 2015 Trimester at IHP	NSF - National Science Foundation	11/1/2015	10/31/2016	\$50,000
Ionescu, Alexandru D.	AWD1004663	Grant	Conference on Analysis and Geometry	NSF - National Science Foundation	1/1/2016	12/31/2016	\$20,000
Marcus, Adam Wade	AWD1004831	Grant	CAREER: New Techniques for High Dimensional Systems	NSF - National Science Foundation	6/1/2016	5/31/2021	\$402,166
Ionescu, Alexandru D.	AWD1004833	Grant	Long Term Regularity of Solutions of Fluid Models	NSF - National Science Foundation	7/1/2016	6/30/2020	\$318,177
Gabai, David	AWD1004842	Grant	Hyperbolic Geometry, Heegaard Surfaces, Foliation/Lamination Theory and Smooth Four Dimensional Topology	NSF - National Science Foundation	7/1/2016	6/30/2020	\$666,662
Zhang, Shou-Wu	AWD1004843	Grant	Topics in Arithmetic Geometry	The Simons Foundation	7/1/2016	6/30/2017	\$132,000
Tian, Gang	AWD1004877	Grant	Geometry and Analysis of Differentiable Manifolds	NSF - National Science Foundation	7/1/2016	6/30/2019	\$411,266
Aretakis, Stefanos	AWD1004841	Grant	Analysis of Extremal Black Holes	NSF - National Science Foundation	8/1/2016	7/31/2019	\$175,511
Aizenman, Michael	AWD1004947	Grant	Critical Phenomena and Disorder Effects	NSF - National Science Foundation	8/1/2016	7/31/2019	\$240,000
Katz, Nicholas Michael	AWD1004837	Grant	Studies in Arithmetic Algebraic Geometry	The Simons Foundation	9/1/2016	8/31/2021	\$35,000
Szabo, Zoltan	AWD1005109	Grant	Low Dimensional Topology and Holomorphic Disks	NSF - National Science Foundation	9/1/2016	8/31/2019	\$326,825
Levine, Adam Simon	AWD1005292	Grant	Low-Dimensional Topology, Floer Homology, and Categorification	NSF - National Science Foundation	5/15/2017	4/30/2020	\$179,992

Mechanical and Aerospace Engineering

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Lewis	CNV1000879	Cooperative Agreement	Scientific Support for a Space-Based Droplet Burning Experiment	NASA Glenn Research Center	9/1/2009	8/31/2017	\$680,000
Choueiri, Edgar Yazid	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 Ehrich	CNV1001540	Grant	CPS: Medium: Collaborative Research: Remote Imaging of Community Ecology via Animal-borne Wireless Networks	NSF - National Science Foundation	9/15/2011	8/31/2017	\$400,000
Smits, Alexander John	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	12/31/2017	\$3,748,999
Smits, Alexander John	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	\$670,000
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	NSF - 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
Holmes, Philip John	CNV1001883	Grant	BSF Application 2011059: The Control and Coordination of Six-Legged Locomotion	U.S.-Israel Binational Science Fdn.	10/1/2012	9/30/2017	\$72,850
Smits, Alexander John	CNV1002840	Grant	Friction Drag Reduction Using Superhydrophobic Surface in High Reynolds Number Turbulent Flow	Office of Naval Research	2/15/2013	4/30/2017	\$300,000
Miles, Richard Bryant	CNV1002522	Grant	NASA Space Technology Research Fellowships Fall 2013 Fellowship Start (NSTRF13-Christopher John Peters)	NASA Headquarters - Washington	8/1/2013	7/31/2017	\$283,948
Martinelli, Luigi	CNV1002523	Grant	Collaborative Research: A Multi-Scale Approach for Optimizing Tidal Kinetic Energy Extraction for Sustainable Power Generation	NSF - National Science Foundation	9/1/2013	8/31/2017	\$163,358
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

Mechanical and Aerospace Engineering (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Lewis	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	9/30/2017	\$161,912
Stone, Howard A.	CNV1002917	Contract	Non-Equilibrium Transport: Into Biosubstrate (and Fibrous) Systems	Unilever R&D, Port Sunlight	1/1/2014	3/31/2017	\$409,797
Kasdin, N. Jeremy	AWD1004079	Contract	Coronagraphy and Wavefront Control for the On-Axis AFTA Telescope	Cal Tech - Jet Propulsion Lab (JPL)	6/30/2014	9/24/2017	\$1,062,329
Leonard, Naomi Ehrich	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
Smits, Alexander John	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
Hultmark, Marcus Nils	AWD1004127	Grant	Experimental Investigation of the Scalability of Wind Turbine Aerodynamics	NSF - National Science Foundation	7/15/2014	6/30/2017	\$330,000
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
Kasdin, N. Jeremy	AWD1004179	Grant	Optical and Mechanical Verification of an External Occulter for Starlight Suppression	NASA Headquarters - Washington	8/25/2014	8/24/2017	\$1,250,000
Shneider, Mikhail	AWD1004133	Grant	Collaborative Research: Physics Based Modeling of Blue Jets	NSF - National Science Foundation	9/1/2014	8/31/2016	\$90,000
Glaser, Alexander	AWD1004268	Grant	Consortium for Verification Technology	University of Michigan	9/1/2014	8/31/2019	\$2,486,251
Shneider, Mikhail	AWD1004151	Grant	Collaborative Research: Pre-Ionization Controlled Laser Plasma Formation for Ignition Applications	NSF - National Science Foundation	9/15/2014	8/31/2017	\$15,000
Rowley III, Clarence Worth	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
Dryer, Frederick Lewis	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 King	AWD1004261	Grant	Structure and Response of Spherical Diffusion Flame (Revised Renewal August 2014)	NASA Glenn Research Center	11/25/2014	11/24/2019	\$630,000
Bou Zeid, Elie R.	AWD1004246	Grant	Rapid Modifications of Land Surface Temperature During Rainfall: Basics and Implications	Army Research Office	1/1/2015	12/31/2017	\$360,263
Kasdin, N. Jeremy	AWD1004331	Grant	Formation Flying for External Occulters	NASA Headquarters - Washington	1/1/2015	12/31/2017	\$372,495
Kolemen, Egemen	AWD1004330	Contract	Plasma Control Research on the DIII-D Tokamak	Princeton Plasma Physics Laboratory	3/11/2015	7/31/2016	\$60,768
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

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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>
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
Miles, Richard Bryant	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
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	3/31/2017	\$324,978
Smits, Alexander John	AWD1004695	Grant	Turbulence at Reynolds Numbers Typical of Navy Operations	Office of Naval Research	4/1/2015	3/31/2018	\$339,955
Dryer, Frederick Lewis	AWD1004459	Contract	Compact Kinetic Mechanisms for Petroleum-Derived and Alternative Aviation Fuels (Phase II)	Spectral Energies LLC	5/1/2015	10/31/2016	\$300,000
Groff, Tyler D.	AWD1004338	Grant	Integral Precision Wavefront Correcting Optics for Coronagraphy	NASA Headquarters - Washington	5/6/2015	11/5/2016	\$163,383
Miles, Richard Bryant	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
Law, Chung King	AWD1004405	Grant	Investigations on Hydrodynamic and Diffusional-thermal Flamefront Instabilities	NSF - National Science Foundation	6/1/2015	5/31/2018	\$277,000
Ju, Yiguang	AWD1004409	Grant	Highly Sensitive H ₂ Diagnostics and Oxidation Kinetics of Oxygenated Fuels at High Pressure	NSF - National Science Foundation	7/1/2015	6/30/2018	\$300,000
Littman, Michael G.	AWD1004465	Grant	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	NSF - National Science Foundation	7/1/2015	6/30/2018	\$143,682
Stone, Howard A.	AWD1004466	Grant	Fluid-driven Fracture of Elastic Materials, Flowback Dynamics and the Effect of Proppants	NSF - National Science Foundation	7/1/2015	6/30/2018	\$300,000
Hultmark, Marcus Nils	AWD1004484	Grant	Physical Mechanisms of Wall-Bounded Turbulence and Turbulent Mixing at Extreme Reynolds	NSF - National Science Foundation	7/1/2015	6/30/2018	\$319,320
Miles, Richard Bryant	AWD1004549	Grant	Stand Off Detection of Trace Species by Simultaneous Radar REMPI and Backward Lasing	Office of Naval Research	8/1/2015	7/31/2018	\$750,000
Mikhaylova, Yulia	AWD1004534	Grant	Attosecond Electron Synchrotron on a Nanoscale: Intense X-Ray Pulses from Laser--Solid Interaction	NSF - National Science Foundation	8/15/2015	7/31/2018	\$305,000
Miles, Richard Bryant	AWD1004567	Grant	Calibration and Certification of Molecular Tracking for the Measurement of Near Wall Stresses in High Speed, Unseeded Air and Nitrogen	Air Force Office of Scientific Research	9/1/2015	8/31/2018	\$562,000
Law, Chung King	AWD1004672	Grant	Flame Dynamics and Chemistry in LRE Combustion Instability	Air Force Office of Scientific Research	9/1/2015	8/31/2016	\$100,000

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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>
Shneider, Mikhail	AWD1004594	Grant	Collaborative Research: Exploring Cold Atmospheric Plasma Physics	NSF - National Science Foundation	9/15/2015	8/31/2018	\$75,000
Glaser, Alexander	AWD1004748	Contract	Minimally Intrusive Verification of Deep Nuclear Warhead Reductions: A Fresh Look at the Buddy-Tag Concept	U.S. Department of State	9/30/2015	9/29/2017	\$55,000
Won, Sang Hee	AWD1004776	Contract	Research on Characterization of Fuel Combustion Property for Aviation Fuels	Sejong University	10/14/2015	9/7/2016	\$164,228
Martinelli, Luigi	AWD1004723	Grant	FAA Joint University Program for Air Transportation Proposal for Activities by Princeton University - 2015-16	Federal Aviation Agency (DOT)	12/30/2015	11/27/2017	\$225,000
Kasdin, N. Jeremy	AWD1004736	Contract	Coronagraph Design Optimization Consultation	Cal Tech - Jet Propulsion Lab (JPL)	1/25/2016	1/1/2017	\$50,000
Mueller, Michael Edward	AWD1004746	Grant	Student Travel Grant - 2016 Spring Technical Meeting of the Eastern States Section of the Combustion Institute	NSF - National Science Foundation	3/1/2016	8/31/2016	\$10,000
Kolemen, Egemen	AWD1004771	Contract	Advanced Scenario Development and Control at NSTX-U and EAST	Princeton Plasma Physics Laboratory	3/4/2016	9/30/2018	\$109,571
Ju, Yiguang	AWD1004778	Grant	Multiscale and Correlated Dynamic Adaptive Chemistry and Transport Modeling of Ignition and Flame Regimes of Stratified Fuel Mixtures	Army Research Office	3/15/2016	11/14/2017	\$195,000
Miles, Richard Bryant	AWD1004819	Grant	Silicon Carbide Semiconductor Array for Enhanced Surface Dielectric Barrier Discharge Driven Flow Control	Army Research Office	4/21/2016	4/20/2017	\$122,441
Kasdin, N. Jeremy	AWD1004730	Contract	WFIRST Science Investigation Teams and Adjutant Scientists	NASA Goddard Space Flight Center	4/26/2016	4/25/2018	\$345,420
Hultmark, Marcus Nils	AWD1004868	Grant	Theoretical and Experimental Characterization of Turbulent Heat Transfer in Compressible Flows	Air Force Office of Scientific Research	6/1/2016	5/31/2019	\$360,000
Miles, Richard Bryant	AWD1004946	Contract	SBIR Phase I: Laser Scattering Diagnostic for Shock Front Arrival and Electron Number Density	MetroLaser, Inc.	6/9/2016	12/10/2016	\$10,824
Miles, Richard Bryant	AWD1004967	Contract	STTR Phase II: Short Pulsed Laser Techniques for Measurement of Multiple Properties in High Enthalpy Facilities	MetroLaser, Inc.	6/15/2016	5/2/2018	\$173,000
Law, Chung King	AWD1005095	Grant	Studies of High-Pressure Acoustic Combustion Instabilities in Hydrocarbon-Oxygen Liquid-Propellant Rocket Engines Based on Reduced Chemical-Kinetic Mechanisms	University of California at San Diego	6/15/2016	6/14/2018	\$280,000
Yan, Jing	AWD1004909	Grant	Resolving and Analyzing Living Bacterial Biofilms at the Single Cell Level	The Burroughs Wellcome Fund	7/1/2016	6/30/2018	\$140,000

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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>
Miles, Richard Bryant	AWD1004951	Contract	SBIR Phase I: Three Dimensional Density Imaging by Rayleigh Scattering	MetroLaser, Inc.	7/27/2016	3/5/2017	\$64,974
Ju, Yiguang	AWD1004867	Grant	Quantitative Studies of Cool Flame Transitions at Radiation and Stretch Extinction Using Counterflow Flames	NASA Headquarters - Washington	8/1/2016	7/31/2018	\$149,999
Law, Chung King	AWD1004930	Grant	Droplet-Wall/Film Impact in IC Engine Applications	Army Research Office	8/1/2016	4/30/2017	\$50,000
Mueller, Michael Edward	AWD1005159	Cooperative Agreement	Fuel-Sensitive Turbulent Combustion Models for Prediction Flame Stabilization and Emissions from Aircraft Combustors	University of Michigan	8/9/2016	8/8/2019	\$255,000
Rowley III, Clarence Worth	AWD1004980	Contract	A Data-Driven, Operator-Theoretic Framework for Space-Time Analysis of Process Dynamics	AIMdyn, Inc.	8/15/2016	8/12/2018	\$280,001
Leonard, Naomi Ehrich	AWD1004938	Grant	Nonlinear Network Dynamics for Bio-Inspired Collective Decision-Making	NSF - National Science Foundation	9/1/2016	8/31/2019	\$407,999
Suckewer, Szymon	AWD1004976	Grant	INSPIRE: Compact X-Ray Laser in "Water Window" and Microscopy of Cell Membranes	NSF - National Science Foundation	9/1/2016	8/31/2019	\$450,000
Stone, Howard A.	AWD1004987	Grant	Collaborative Proposal: Theoretical, Computational and Experimental Investigations on the Interaction Between a Lipid Bilayer Membrane and a Solid Substrate or Particle	NSF - National Science Foundation	9/1/2016	8/31/2019	\$190,000
Stone, Howard A.	AWD1005118	Grant	A Microfluidic Platform to Study Sickle Blood Rheology	University of Minnesota	9/1/2016	8/31/2017	\$40,500
Leonard, Naomi Ehrich	AWD1005165	Contract	Dr. Kvaternik "Distributech2017"	Siemens Corporation, Corporate Tech	1/24/2017	2/3/2017	\$4,860
Choueiri, Edgar Yazid	AWD1005155	Contract	Characterizing Plasma Oscillations Using Active Wave Injection to Develop Long Life Hall Thrusters and Hollow Cathodes	Cal Tech - Jet Propulsion Lab (JPL)	1/25/2017	9/24/2017	\$75,000
Hultmark, Marcus Nils	AWD1005170	Grant	CAREER: Revealing the Characteristics of High Reynolds Number Wakes with Rotation.	NSF - National Science Foundation	3/1/2017	2/28/2022	\$549,999
Smits, Alexander John	AWD1005185	Grant	Understanding Turbulence on Navy Vehicles	Office of Naval Research	3/1/2017	2/28/2021	\$1,199,272
Miles, Richard Bryant	AWD1005202	Contract	SBIR Phase I: Measurement of Neutral Xenon Using Two Photon Radar REMPI and Laser Induced Fluorescence	MetroLaser, Inc.	3/8/2017	12/14/2017	\$21,665
Miles, Richard Bryant	AWD1005196	Grant	The Measurement of Pressure with Stand-Off Spectroscopic Methods Proposal to AFOSR	Air Force Office of Scientific Research	3/15/2017	9/14/2020	\$525,000
Kolemen, Egemen	AWD1005220	Contract	Simulation, Deployment, and Analysis of the NSTX-U Advanced Divertor Control	Princeton Plasma Physics Laboratory	3/30/2017	9/30/2017	\$58,309

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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>
Shneider, Mikhail	AWD1005221	Contract	Simulation of Electron Beam Scattering and Low Temperature EXB Devices	Princeton Plasma Physics Laboratory	3/30/2017	9/30/2017	\$47,105
Ju, Yiguang	AWD1005164	Grant	6th International Workshop on Model Reduction in Reactive Flow	Army Research Office	4/1/2017	10/1/2017	\$10,000
Choueiri, Edgar Yazid	AWD1005217	Contract	Independent 3D Audio Program Delivery to Multiple Listeners in Automotive Environments (The MAHLER Project)	Focal-JMLab	4/1/2017	3/31/2019	\$818,016
Nunes, Janine Kelley	AWD1005255	Grant	Fiber-based Hydrogels using Flow-induced Gelation Strategies	NSF - National Science Foundation	4/1/2017	3/31/2020	\$370,000
Miles, Richard Bryant	AWD1005233	Grant	Development of Xenon Based Magnetometry	Office of Naval Research	5/1/2017	9/30/2020	\$1,200,000
Miles, Richard Bryant	AWD1005187	Grant	Frequency Tunable Femtosecond Laser System for Magnetometry and Stand Off-Detection	Office of Naval Research	6/1/2017	5/31/2018	\$273,038
Stone, Howard A.	AWD1005293	Grant	Separation of Colloidal Particles by Diffusiophoresis	NSF - National Science Foundation	6/1/2017	5/31/2020	\$300,000
Ju, Yiguang	AWD1005359	Contract	STTR Phase I: Ignition Modeling for Present and Future Combustors and Augmentors	Combustion Science & Engineering, Inc.	6/5/2017	1/31/2018	\$50,000
Smits, Alexander John	AWD1005362	Contract	SBIR Phase I: Modeling and Controls for Synthetic Jet- Based Active Flow Control	Actasys Inc.	6/9/2017	12/8/2017	\$10,650

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Francis	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 Lynn	CNV1000227	Grant	Howard Hughes Medical Institute Support for Bonnie Bassler	Howard Hughes Medical Institute	8/1/2005	8/31/2021	\$733,258
Silhavy, Thomas Joseph	CNV1001032	Grant	Intercellular Signaling in Vibrio Harveyi	NSF - National Science Foundation	2/15/2010	1/31/2017	\$1,053,686
Kang, Yibin	CNV1001068	Grant	The Role of miRNAs in Epithelial Mesenchymal Transition and Metastasis	NIH NCI	4/1/2010	1/31/2017	\$1,577,179
Enquist, Lynn William	CNV1001456	Grant	Dissecting the unique neuronal spread phenotype of HSV-1 clinical strain H129 with a Brainbow recombinant virus	The Pew Charitable Trusts	7/1/2011	12/31/2017	\$95,000
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
Enquist, Lynn William	CNV1001615	Grant	Genetic Analysis of Herpesvirus Tropism and Virulence	NIH NINDS	1/1/2012	6/14/2017	\$1,797,974
Kang, Yibin	CNV1001708	Contract	Testing the Anti-Metastatic Effect of Glycomimetic Small Molecule Compounds that Inhibit E-selectin	GlycoMimetics, Inc.	3/1/2012	12/31/2017	\$210,000
Kang, Yibin	CNV1002152	Grant	Cancer Center Support Grant: Support for Director of TG/KO Shared Resource	Rutgers University - New Brunswick	3/1/2012	2/28/2018	\$116,290
Schwarzbauer, Jean E.	CNV1002450	Grant	Research Agreement 1959: NIH-NCI CCSG Support	Rutgers University - New Brunswick	3/1/2012	2/28/2018	\$36,518
Schwarzbauer, Jean E.	CNV1002930	Grant	CINJ: Flow Cytometry/Cell Sorting Shared Resource	Rutgers University - New Brunswick	3/1/2012	2/28/2018	\$102,474
Schwarzbauer, Jean E.	CNV1001774	Grant	Molecular Analysis of Extracellular Matrix Assembly	NIH NCI	5/1/2012	3/31/2018	\$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	8/31/2016	\$35,000
Burdine, Rebecca D.	CNV1001878	Grant	Connecting Polycystin Signaling to Asymmetric Nodal Expression	NIH NICHD	7/1/2012	4/30/2017	\$1,757,474
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
Zakian, Virginia Araxie	CNV1001906	Grant	Structure and Behavior of Yeast Telomeres	NIH NIGMS	8/5/2012	7/31/2016	\$2,039,182
Wingreen, Ned S.	CNV1002080	Grant	History Dependence of Chemosensing Strategy in Escherichia Coli	NIH NIGMS	9/1/2012	8/31/2017	\$1,386,022
Stock, Jeffry Benton	CNV1002136	Grant	Synergistic Neuroprotective Mechanisms of Coffee Components in Parkinson's Disease	Rutgers University - New Brunswick	9/30/2012	8/31/2016	\$614,276

Molecular Biology (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Gavis, Elizabeth Rose	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
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	4/30/2017	\$300,000
Gavis, Elizabeth Rose	CNV1002461	Grant	Translational Regulation of Patterning in Drosophila	NIH NIGMS	5/1/2013	7/31/2017	\$1,294,008
Hughson, Frederick McLaury	CNV1002464	Grant	Structural Analysis of Golgi Trafficking Proteins	NIH NIGMS	6/1/2013	2/28/2017	\$1,346,005
Rose, Mark David	CNV1002465	Grant	Mechanisms of Nuclear and Cell Fusion in Yeast	NIH NIGMS	7/1/2013	12/31/2016	\$1,783,966
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	Predoctoral Training in Genetics and Molecular Biology	NIH NIGMS	7/1/2013	6/30/2018	\$5,986,840
Enquist, Lynn William	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	5/31/2018	\$1,475,768
Bassler, Bonnie Lynn	CNV1002886	Grant	Manipulating Quorum Sensing System to Control Pathogenicity in Vibrio Cholerae	NIH NIDDK	9/16/2013	9/15/2016	\$143,028
Petry, Sabine	CNV1002889	Grant	Role and Mechanism of Microtubule Nucleation within the Mitotic Spindle	NIH NIGMS	9/20/2013	8/31/2016	\$778,049
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
Silhavy, Thomas Joseph	CNV1002910	Grant	Science by the Cup & A Tall Drink of Science	Amer Soc for Biochem and Molecular Bio	11/1/2013	3/31/2017	\$4,351
Shenk, Thomas Eugene	CNV1002967	Grant	Cell Surface Proteome of Monocytes Latently Infected with Human Cytomegalovirus	NIH NIAID	2/1/2014	1/31/2017	\$175,066
Zakian, Virginia Araxie	CNV1002969	Grant	DNA Replication and Chromosome Structure in Yeast	NIH NIGMS	2/1/2014	12/31/2016	\$1,894,623
Gitai, Zemer	CNV1002968	Grant	Fluid Flow as a Driver of Bacterial Cell Division, Surface Motility, and Spreading	NSF - National Science Foundation	2/15/2014	1/31/2017	\$750,000
Wingreen, Ned S.	CNV1003028	Grant	INSPIRE Track 1: Resolving and Optogenetically Perturbing Biofilms at the Single-Cell Level	NSF - National Science Foundation	3/15/2014	2/28/2018	\$1,000,000
Schedl, Paul Daniel	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
Notterman, Daniel A.	AWD1004046	Grant	Reciprocal Genetic-Environmental Interactions During Childhood and Adolescence	NIH NICHD	5/1/2014	4/30/2018	\$2,676,226
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	\$1,466,437

Molecular Biology (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
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
Shenk, Thomas Eugene	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
Ren, Guangwen	AWD1004040	Grant	Mesenchymal Stromal Cells and Stromal Fibroblasts in Radiotherapy Resistance	NIH NCI	7/1/2014	10/31/2016	\$178,612
Notterman, Daniel A.	AWD1004204	Grant	Measurement Error in Population Health Inequity Research using Novel Biomeasures	University of Michigan	7/1/2014	3/31/2018	\$125,810
Schupbach, Gertrud Maria	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
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
Petry, Sabine	AWD1004018	Grant	Building the Microtubule Cytoskeleton via Microtubule Nucleation	The Pew Charitable Trusts	8/1/2014	7/31/2019	\$240,132
Brynildsen, Mark Philip	AWD1004092	Grant	Development of a Method to Rapidly Quantify Persister Gene Expression	NIH NIAID	8/1/2014	6/1/2017	\$128,979
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
Schedl, Paul Daniel	AWD1004169	Grant	Factors and Mechanisms Mediating Boundary Function in Drosophila	NIH NIGMS	9/10/2014	6/30/2018	\$1,590,402
Enquist, Lynn William	AWD1004399	Grant	PDE5 Inhibition of Afferents and Interstitial Cells in Overactive Mouse Bladders	University of Pittsburgh	10/1/2014	8/31/2019	\$20,582
Petry, Sabine	AWD1004215	Grant	Building the Microtubule Cytoskeleton via Microtubule Nucleation	The David and Lucile Packard Foundation	10/30/2014	10/29/2019	\$875,000
Silhavy, Thomas Joseph	AWD1004212	Contract	Evaluation of Potential BAM Pathway Inhibitors	Merck & Co., Inc.	11/10/2014	11/9/2017	\$616,275
Wieschaus, Eric Francis	AWD1004218	Grant	Genome Wide Measurement of Concentration Dependent Bicoid Transcription Factor Binding	NIH NICHD	12/1/2014	5/29/2017	\$118,584
Cristea, Ileana M.	AWD1004345	Grant	Identifying the Roles of ARMS2 & HTRA1 in the Pathogenesis of Age-related Macular Degeneration Using Functional Proteomics	The Johns Hopkins University	12/31/2014	9/30/2017	\$224,000
Shenk, Thomas Eugene	AWD1004274	Grant	Human Cytomegalovirus-induced Alterations to Cell-surface Adhesion Proteins	NIH NIAID	1/1/2015	12/31/2019	\$2,157,113
Zakian, Virginia Araxie	AWD1004380	Grant	Identifying Proteins that Promote Replication Fork Progression at Protein-DNA Complexes	NJ Commission on Cancer Research	1/1/2015	1/31/2017	\$100,000
Shenk, Thomas Eugene	AWD1004384	Grant	The Role of Tumor Suppressor p53 Pathway in HCMV Infection	NJ Commission on Cancer Research	1/1/2015	12/31/2017	\$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

Molecular Biology (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
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
Enquist, Lynn William	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
Schupbach, Gertrud Maria	AWD1004290	Grant	EGF Receptor Mediated Signaling in Drosophila	NIH NIGMS	2/1/2015	1/31/2019	\$1,653,583
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.	AWD1004373	Grant	Functional Investigation of the TBX20 Cardiac Interactome	Univ of No Carolina at Chapel Hill	4/1/2015	1/31/2019	\$630,727
Shenk, Thomas Eugene	AWD1004535	Grant	Viral Modulation of Epigenetic Mechanisms	University of Pennsylvania	4/15/2015	3/31/2020	\$1,129,064
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
Ploss, Alexander	AWD1004423	Contract	Generation of Humanized Mouse Models for Hepatitis B Virus Infection	Gilead Sciences, Inc.	6/1/2015	5/31/2017	\$633,316
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.	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	\$548,914
Cristea, Ileana M.	AWD1004417	Grant	Emerging Roles for Interferon Inducible Protein IFIX in Innate Immune Response	NIH NIAID	7/1/2015	6/30/2018	\$130,740
Ploss, Alexander	AWD1004448	Grant	Deciphering Restrictions of Viral Interspecies Transmission	American Cancer Society, Inc. (ACS)	7/1/2015	6/30/2019	\$792,000
Devenport, Danelle	AWD1004479	Grant	The Role of Directed Mechanical Forces in Coordinating Planar Cell Polarity	American Heart Association	7/1/2015	6/30/2017	\$46,000
Ploss, Alexander	AWD1004517	Grant	Impact of Species-specific Host Responses on Restriction of Hepatotropic Viruses	NIH NIAID	7/1/2015	6/30/2017	\$471,313
Enquist, Lynn William	AWD1004631	Grant	National Center for Neuroanatomy with Neurotropic Viruses	University of Pittsburgh	7/1/2015	6/30/2020	\$932,275
Enquist, Lynn William	AWD1004683	Grant	Cytokine-induced Antiviral Responses in Axons of Peripheral Nervous System Neurons	NIH NINDS	7/1/2015	6/30/2020	\$215,126
Enquist, Lynn William	AWD1004766	Grant	National Center for Experimental Neuroanatomy with Neurotropic Viruses: Combined PRV and HSV Core Projects	University of Pittsburgh	7/1/2015	6/30/2020	\$64,595
Kang, Yibin	AWD1004642	Grant	Exploration of the Dynamics of E-selectin Interaction in Breast Cancer Metastasis	NIH NCI	7/3/2015	4/30/2017	\$82,722
Kang, Yibin	AWD1004520	Grant	Ubiquitin-dependent Regulation of EMT in Breast Cancer Metastasis	The Susan G. Komen Breast Cancer Fdn.	7/7/2015	7/6/2018	\$180,000

Molecular Biology (5)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Lynn	AWD1004516	Grant	Manipulating Pseudomonas Aeruginosa Quorum-Sensing to Control Pathogenesis	Jane Coffin Childs Mem. Fund/Med. Resr.	8/1/2015	7/31/2018	\$159,000
Zakian, Virginia Araxie	AWD1004611	Grant	Role of G4 Sequences in rDNA Transcription and Ribosome Biogenesis and/or Function	The Burroughs Wellcome Fund	9/1/2015	8/31/2018	\$60,000
Kang, Yibin	AWD1004616	Contract	Evaluation of the Anti-Metastasis Efficacy of CNT06141	Janssen Research & Development, LLC	9/2/2015	9/1/2016	\$64,800
Cristea, Ileana M.	AWD1004622	Grant	Mechanisms Mediating Immune Response Upon Sensing of Nuclear Viral DNA	NIH NIGMS	9/15/2015	7/31/2019	\$1,277,429
Enquist, Lynn William	AWD1004646	Grant	Anterograde Monosynaptic Tracing	Massachusetts Institute of Technology	9/23/2015	6/30/2017	\$238,000
Gitai, Zemer	AWD1004584	Grant	Mechano-Microbiology: How Physical Forces Control Bacterial-Host Interactions	NIH NIAID	9/30/2015	7/31/2020	\$4,050,000
Abou Donia, Mohamed S.	AWD1004585	Grant	Uncultivated Bacterial Symbionts of Humans: An Untapped Resource for Drug Discovery	NIH NIAID	9/30/2015	6/30/2020	\$2,399,496
Abou Donia, Mohamed S.	AWD1004612	Grant	The Role of Microbiota-derived Small Molecules in the Etiology of Crohn's Disease	The Kenneth Rainin Foundation	10/1/2015	9/30/2016	\$100,000
Cristea, Ileana M.	AWD1004628	Grant	Uncovering Mechanisms of Nuclear Viral DNA Sensing in Mammalian Immunity	Edward Mallinckrodt Jr. Foundation	10/1/2015	9/30/2019	\$400,000
Kang, Yibin	AWD1004638	Grant	Targeting Metadherin to Reduce the Initiation and Metastasis of Breast Cancer (Year II Continuation Request)	Breast Cancer Research Foundation	10/1/2015	9/30/2016	\$298,321
Enquist, Lynn William	AWD1004627	Grant	Microtubule Motors in Axonal Sorting and Transport During Herpesvirus Infections	NIH NIGMS	11/16/2015	11/15/2017	\$112,196
Cristea, Ileana M.	AWD1004739	Grant	Molecular and Genetic Analysis of Castor in Cardiac Development	Univ of No Carolina at Chapel Hill	12/1/2015	11/30/2017	\$74,499
Kang, Yibin	AWD1004691	Contract	Sensitizing Bone Metastasis to Chemotherapy and Radiotherapy by Targeting Jagged1-Mediated Tumor-Stromal Interactions	METAvisor Research & Support, Inc.	1/1/2016	12/31/2017	\$80,000
Kang, Yibin	AWD1004692	Contract	Development of a Humanized Mouse Model of Breast Cancer Liver Metastasis	METAvisor Research & Support, Inc.	1/1/2016	12/31/2017	\$100,000
Ploss, Alexander	AWD1004784	Grant	Utilization of a Humanized Mouse Model to Characterize Hepatitis C Virus Induced Hepatocarcinogenesis	NJ Commission on Cancer Research	1/1/2016	12/31/2017	\$100,000
Kang, Yibin	AWD1004794	Grant	Defining Roles of GPR56 in Regulation of Mammary Gland Development and Breast Cancer Progression	NJ Commission on Cancer Research	1/1/2016	12/31/2017	\$100,000
Bassler, Bonnie Lynn	AWD1004755	Grant	Intra- and Inter- Species Communication in Bacteria	NIH NIGMS	2/10/2016	11/30/2020	\$1,682,771
Burdine, Rebecca D.	AWD1004785	Grant	Spinal Cord - Techniques Training Grant 2016	NJ Commission on Spinal Cord Research	3/1/2016	2/28/2017	\$4,000

Molecular Biology (6)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Petry, Sabine	AWD1004773	Grant	Determining the Molecular Mechanism of Localizing and Activating the Gamma-tubulin Ring Complex (gamma-TuRC) at the Centrosome	NIH NIGMS	4/1/2016	3/31/2019	\$170,526
Gavis, Elizabeth Rose	AWD1004791	Grant	Mechanism of RNA Localization in Drosophila Development	NIH NIGMS	4/1/2016	3/31/2020	\$1,492,101
Gavis, Elizabeth Rose	AWD1004795	Grant	Mechanistic Analysis of Drosophila Germ Granule Assembly	NIH NIGMS	4/1/2016	3/31/2018	\$115,284
Silhavy, Thomas Joseph	AWD1004796	Grant	Elucidating Stationary Phase Changes to the Outer Membrane Permeability Barrier	NIH NIGMS	5/1/2016	4/30/2017	\$56,118
Toettcher, Jared E.	AWD1004808	Grant	Optogenetic Control of Spatio-temporal Patterning in Early Embryogenesis	NIH NIGMS	5/1/2016	4/30/2019	\$170,526
Toettcher, Jared E.	AWD1004810	Grant	Optogenetic Profiling of Functional Signaling Abnormalities in Triple Negative Breast Cancer	NIH NCI	5/1/2016	4/30/2022	\$291,456
Devenport, Danelle	AWD1004862	Grant	Cell-cycle Control of Cell Polarity in Epidermal Patterning and Differentiation	NIH NIAID	5/5/2016	4/30/2021	\$1,733,715
Zakian, Virginia Araxie	AWD1004866	Grant	Telomere Maintenance and Replication Fork Progression in Yeast and Human Cells	NIH NIGMS	5/6/2016	4/30/2021	\$4,397,355
Silhavy, Thomas Joseph	AWD1004847	Grant	Biogenesis and Maintenance of the Outer Membrane of Gram-negative Bacteria	NIH NIGMS	5/15/2016	4/30/2021	\$4,082,562
Gavis, Elizabeth Rose	AWD1004750	Grant	2016 Genentech Foundation Summer Scholarship	Genentech, Inc.	6/1/2016	8/31/2016	\$18,000
Ploss, Alexander	AWD1004906	Contract	Understanding Human Neutralizing Antibodies to Hepatitis C Virus	Scripps Research Institute	6/1/2016	5/31/2017	\$67,800
Schwarzbauer, Jean E.	AWD1005025	Grant	Integrated Technologies for Polymeric Biomaterials, RESBIO	Rutgers University - New Brunswick	6/1/2016	5/31/2017	\$123,790
Kang, Yibin	AWD1004879	Grant	An E-selectin-mediated Endothelial Niche in Bone Metastasis of Breast Cancer	The Susan G. Komen Breast Cancer Fdn.	6/10/2016	6/9/2019	\$600,414
Ploss, Alexander	AWD1004891	Grant	Breaking Species Barriers of Human Hepatotropic Pathogens	The Burroughs Wellcome Fund	7/1/2016	6/30/2021	\$500,000
Silhavy, Thomas Joseph	AWD1004907	Grant	Support for Travel to 2016 Zing Conference on Protein Secretion in Bacteria - Request ID#	The Burroughs Wellcome Fund	7/1/2016	6/30/2017	\$1,500
Wieschaus, Eric Francis	AWD1004925	Grant	Graduate Program Support for Matthew Lefebvre	Howard Hughes Medical Institute	7/1/2016	6/30/2017	\$62,077
Wieschaus, Eric Francis	AWD1004926	Grant	Graduate Program Support for Po-Ta Chen	Howard Hughes Medical Institute	7/1/2016	6/30/2017	\$82,520
Ploss, Alexander	AWD1004934	Grant	Dissecting the Molecular Determinants of Hepatitis B Tropism	NIH NIAID	7/1/2016	6/30/2017	\$43,576

Molecular Biology (7)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 William	AWD1005001	Grant	Anterograde Monosynaptic Tracing	Massachusetts Institute of Technology	7/1/2016	6/30/2017	\$238,000
Burdine, Rebecca D.	AWD1005004	Grant	Pathways Leading to Actin Polymerization and Podosome Formation in Migrating Cardiac Progenitor Cells	American Heart Association	7/1/2016	6/30/2018	\$102,550
Enquist, Lynn William	AWD1005047	Grant	Center for Neuroanatomy with Neurotropic Viruses	University of Pittsburgh	7/1/2016	6/30/2017	\$199,374
Weng, Mo	AWD1004936	Grant	Mechanosensitive Remodeling of Adherens Junctions During Snail-driven EMT	NIH NICHD	7/8/2016	6/30/2018	\$178,616
Bassler, Bonnie Lynn	AWD1004937	Grant	Investigating Quorum-sensing Regulation of Pseudomonas Aeruginosa Biofilms at Single Cell Level	Life Sciences Research Foundation	8/1/2016	7/31/2019	\$180,000
Kang, Yibin	AWD1004969	Grant	BC151403: Functional Mechanism and Targeting of Metadherin in Breast Cancer	Department of Defense	8/15/2016	8/14/2019	\$1,210,740
Korennykh, Alexei V.	AWD1004949	Grant	Self-RNA Cleavage as an Arm of Innate Immunity	Bert L & Natalie K Vallee Fdn, Inc.	9/1/2016	8/31/2021	\$250,000
Stock, Jeffry Benton	AWD1005010	Grant	Synergistic Neuroprotective Mechanisms of Coffee Components in Parkinson's Disease	Rutgers University - New Brunswick	9/1/2016	8/31/2017	\$144,036
Korennykh, Alexei V.	AWD1005043	Grant	Beyond Infection: Innate Immune Receptors as an Emerging Brake on Metastasis	NIH NCI	9/21/2016	8/31/2018	\$88,652
Schwarzbauer, Jean E.	AWD1005006	Grant	Mechanisms of High Glucose Induced Fibronectin Matrix Assembly by Mesangial Cells.	NIH NIDDK	9/30/2016	9/29/2019	\$174,090
Petry, Sabine	AWD1005019	Grant	Building the Chromosome Segregation Machinery from Scratch	NIH NIGMS	9/30/2016	5/31/2021	\$2,399,496
Toettcher, Jared E.	AWD1005020	Grant	Harnessing Optogenetics to Diagnose and Therapeutically Rewire Cancer Cell Signaling	NIH NIBIB	9/30/2016	6/30/2021	\$2,361,042
Kang, Yibin	AWD1004971	Grant	The Role of Metadherin in Immune Evasion of Metastatic Breast Cancer (Year 3 Continuation Request)	Breast Cancer Research Foundation	10/1/2016	9/30/2017	\$250,000
Bassler, Bonnie Lynn	AWD1004972	Grant	Quorum Sensing Control of Bacterial Biofilms and its Role in the Microbiota in Health and Disease	Alexander von Humboldt Foundation	10/1/2016	9/30/2021	\$829,636
Abou Donia, Mohamed S.	AWD1005014	Grant	The Role of Microbiota-Derived Small Molecules in the Etiology of Crohn's Disease	The Kenneth Rainin Foundation	10/1/2016	9/30/2017	\$200,000
Jonikas, Martin C.	AWD1005177	Grant	A Mutant Resource to Transfer Reverse Genetics in Chlamydomonas	NSF - National Science Foundation	10/1/2016	8/31/2017	\$378,007
Jonikas, Martin C.	AWD1005052	Grant	HHMI Faculty Scholars Program Award - Martin Casimir Jonikas	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$600,000
Toettcher, Jared E.	AWD1005108	Grant	Developing an Optogenetic Approach to Detect Signaling Alterations in Cancer	Rutgers University - New Brunswick	11/1/2016	10/31/2017	\$50,000

Molecular Biology (8)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Wilson, Maxwell Zane	AWD1005063	Contract	Princeton University Research and Technology Commercialization Project	New Jersey Health Foundation, Inc.	11/7/2016	12/31/2018	\$49,995
Cristea, Ileana M.	AWD1005121	Contract	Proteomic Analysis of Interactors of HTT and other HD-associated Proteins	CHDI Foundation, Inc.	1/1/2017	6/30/2018	\$469,573
Kang, Yibin	AWD1005137	Grant	Jagged1-Dependent Tumor-stromal Interactions in Bone Metastasis	NIH NCI	1/1/2017	12/31/2021	\$1,852,875
Jonikas, Martin C.	AWD1005278	Grant	Combining Algal and Plant Photosynthesis (CAPP2)	NSF - National Science Foundation	1/1/2017	5/31/2018	\$276,685
Wei, Lei	AWD1005321	Grant	Identification of Key Factors Involved in Hepatitis B Virus cccDNA Formation and Maintenance	NJ Commission on Cancer Research	1/1/2017	12/31/2018	\$100,000
Pohl, Thomas J.	AWD1005324	Grant	Characterizing the Role of Pif1 in Mediating Replication and Genome Stability at Centromeres and G4 Motifs	NJ Commission on Cancer Research	1/1/2017	12/31/2018	\$100,000
Jonikas, Martin C.	AWD1005372	Grant	Transforming our Understanding of Eukaryotic Gene Functions Through Chemical Genetics in the Green Alga Chlamydomonas Reinhardtii	NIH NIGMS	1/1/2017	5/31/2020	\$1,821,436
Abou Donia, Mohamed S.	AWD1005136	Contract	The Role of Microbiome-derived Small Molecules in the Treatment of Crohn's Disease	Janssen Research & Development, LLC	1/18/2017	1/17/2018	\$145,800
Hughson, Frederick McLaury	AWD1005190	Grant	Structural Analysis of Membrane Tethering and Fusion Proteins	NIH NIGMS	3/1/2017	2/28/2021	\$1,466,302
Enquist, Lynn William	AWD1005197	Grant	Spinal Cord - Techniques Training Grant 2017	NJ Commission on Spinal Cord Research	3/1/2017	2/28/2018	\$4,000
Ploss, Alexander	AWD1005240	Contract	Isolation, Microscopy, and Characterization of Malaria Liver Stages	Naval Medical Research Center	3/9/2017	3/9/2018	\$90,218
Devenport, Danelle	AWD1005207	Grant	Celsr1-mediated Planar Cell Polarity: Defining the Adhesive Interface and Mechanisms of Asymmetry	NIH NIAMS	4/1/2017	3/31/2020	\$172,926
Cristea, Ileana M.	AWD1005282	Grant	Gene Regulatory Networks for Cardiac Morphogenesis	Univ of No Carolina at Chapel Hill	4/1/2017	2/28/2018	\$187,569
Kang, Yibin	AWD1005271	Contract	Princeton University Research and Technology Commercialization Project	New Jersey Health Foundation, Inc.	5/2/2017	10/3/2017	\$50,000
Murphy, Coleen T.	AWD1005142	Grant	2017 Genentech Foundation Summer Scholarship	Genentech, Inc.	6/1/2017	8/31/2017	\$18,000
Burdine, Rebecca D.	AWD1005308	Grant	Cilia Function in Spine Development and Disease	NIH NIAMS	6/1/2017	3/31/2022	\$1,752,830
Ploss, Alexander	AWD1005320	Contract	Understanding Human Neutralizing Antibodies to Hepatitis C Virus	Scripps Research Institute	6/1/2017	5/31/2018	\$67,800
Wilson, Maxwell Zane	AWD1005322	Grant	I-Corps: Photopharmacology	NSF - National Science Foundation	6/15/2017	11/30/2017	\$50,000
Enquist, Lynn William	AWD1005346	Grant	Genetic Analysis of Herpesvirus Tropism and Virulence	NIH NINDS	6/15/2017	4/30/2021	\$1,595,964

Near Eastern Studies / Program

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Rustow, Marina	AWD1004749	Grant	The Cairo Geniza as a Source for the History of Institutions and Documentary Practices in the MedievalMiddle East	National Endowment for the Humanities	7/1/2015	9/30/2017	\$211,569
Haykel, Bernard A.	AWD1005239	Grant	More than 205-Year History of Wahhabism	Smith Richardson Foundation, Inc.	4/1/2017	3/31/2018	\$7,500
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

7/1/2016 - 6/30/2017

<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 Buckler	CNV1000104	Cooperative Agreement	Modeling Technologies for Dynamic Resource Management in Truckload Trucking	Schneider National, Inc.	8/1/2002	12/31/2017	\$1,078,723
Massey, William Alfred	CNV1001320	Grant	Conference for African American Researchers in the Mathematical Sciences	NSF - National Science Foundation	3/1/2011	2/28/2017	\$114,405
Fan, Jianqing	CNV1001838	Grant	Statistical Inferences for Massive Data	NSF - National Science Foundation	6/1/2012	5/31/2018	\$600,000
van Handel, Ramon	CNV1001743	Grant	CAREER: Conditional Theory of Large-Scale Stochastic Systems	NSF - National Science Foundation	7/1/2012	6/30/2018	\$400,000
Sircar, Kaushik Ronnie	CNV1002009	Grant	Mathematics of Energy Markets & Differential Games, Financialization of Commodities Markets, and Volatility & ETF Derivatives	NSF - National Science Foundation	9/1/2012	8/31/2016	\$235,663
Carmona, Rene A.	CNV1002026	Grant	Mathematical Methods for the New Commodity & Environmental Markets	NSF - National Science Foundation	9/1/2012	8/31/2016	\$259,769
Vanderbei, Robert Joseph	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	AWD1004113	Grant	Preprocessing and Analysis Tools for Contemporary Microarray Applications	Harvard University	9/3/2013	8/31/2016	\$97,530
Liu, Han	CNV1002976	Grant	Large-Scale Semiparametric Graphical Models with Applications to Neuroscience	NIH NIMH	2/1/2014	1/31/2019	\$1,807,804
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
Fan, Jianqing	AWD1004038	Grant	Collaborative Research: Interface of Probability and Statistics for High-dimensional Inference	NSF - National Science Foundation	8/1/2014	7/31/2018	\$400,000
Liu, Han	AWD1004097	Grant	RI: Medium: Collaborative Research: Next-Generation Statistical Optimization Methods for Big Data Computing	NSF - National Science Foundation	8/15/2014	7/31/2018	\$499,999
Massey, William Alfred	AWD1004054	Grant	Collaborative Research: Risk Management and Control of Dynamic Rate Queues for Healthcare and Transportation Services	NSF - National Science Foundation	9/1/2014	8/31/2017	\$200,000
Powell, Warren Buckler	AWD1004157	Contract	Optimal Adaptive Learning of Prices and Commitments for Hotel Resource Management	Yield Planet	9/1/2014	9/1/2016	\$127,525
Ahmadi, Amir Ali	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
Powell, Warren Buckler	AWD1004201	Contract	Interactive Optimization of Dynamic, Multiattribute, Multilayered Resource Scheduling Problems using Informational Decomposition	YRC Worldwide Inc.	9/15/2014	9/14/2017	\$1,312,924

Operations Research and Financial Engineering (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Liu, Han	AWD1004306	Grant	CAREER: An Integrated Inferential Framework for Big Data Research and Education	NSF - National Science Foundation	7/1/2015	6/30/2020	\$400,000
Shkolnikov, Mykhaylo	AWD1004426	Grant	Investigation of Interacting Particle Systems by Stochastic Analysis Methods	NSF - National Science Foundation	7/1/2015	6/30/2018	\$173,571
Liu, Han	AWD1004578	Grant	BIGDATA: Collaborative Research: F: Representation Learning for BIGDATA	NSF - National Science Foundation	9/1/2015	8/31/2019	\$400,810
Powell, Warren Buckler	AWD1004579	Grant	Parametric Cost Function Approximations for Robust Energy Systems Planning	NSF - National Science Foundation	9/1/2015	8/31/2018	\$250,000
Bubeck, Sebastien	AWD1004352	Grant	Sloan Research Fellowship	Alfred P. Sloan Foundation	9/15/2015	9/14/2017	\$0
Carmona, Rene A.	AWD1004624	Grant	Robust Methods in Mathematical Finance	NSF - National Science Foundation	9/15/2015	8/31/2018	\$237,220
Powell, Warren Buckler	AWD1004677	Grant	Optimal Learning for Efficient Experimentation in Nanotechnology and Biochemistry	Air Force Office of Scientific Research	11/15/2015	11/14/2017	\$1,060,662
Powell, Warren Buckler	AWD1004699	Grant	Collaborative Research: CompSustNet: Expanding the Horizons of Computational Sustainability	NSF - National Science Foundation	12/15/2015	11/30/2020	\$350,000
Vanderbei, Robert Joseph	AWD1004709	Grant	Efficient Optimization via Sparsification with Applications to Fast Fourier Optimization, Compressive Sensing, and other Machine-Learning Problems	Office of Naval Research	2/1/2016	1/31/2019	\$594,257
Ahmadi, Amir Ali	AWD1004714	Grant	CAREER: Polynomial Optimization and Dynamical Systems	NSF - National Science Foundation	2/1/2016	1/31/2021	\$500,000
Massey, William Alfred	AWD1004823	Grant	22nd Conference for African American Researchers in the Mathematical Sciences (CAARMS22)	National Security Agency	5/3/2016	5/2/2017	\$20,000
Wang, Mengdi	AWD1004977	Grant	Closing the Duality Gap: Decomposition of High-Dimensional Nonconvex Optimization	NSF - National Science Foundation	9/1/2016	8/31/2018	\$200,000
Powell, Warren Buckler	AWD1005090	Cooperative Agreement	Adaptive Decision Making Using Probabilistic Programming and Stochastic Optimization.	Carnegie Mellon University	11/1/2016	8/1/2017	\$112,523
Wang, Mengdi	AWD1005141	Grant	CAREER: Stochastic Nested Composition Optimization: Theory and Algorithms	NSF - National Science Foundation	2/1/2017	1/31/2022	\$500,000
Powell, Warren Buckler	AWD1005171	Contract	Optimal Learning of Dynamic Ad-Click Response Rates	Wizard Forms (RoomSage)	2/1/2017	12/31/2018	\$205,000

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
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
Johnston, Mark	AWD1004407	Grant	Evaluating Transformative Experiences	University of Notre Dame	6/1/2015	8/31/2016	\$74,622
Leslie, Sarah-Jane	AWD1004710	Grant	SBP: The Roots of Female Underrepresentation in STEM and Beyond: Exploring the Development of Gender Stereotypes about Intelligence	University of IL at Urbana-Champaign	8/15/2015	7/31/2019	\$113,931
Leslie, Sarah-Jane	AWD1004864	Grant	The Linguistic Transmission of Maladaptive Beliefs	New York University	4/15/2016	3/31/2021	\$165,176
Leslie, Sarah-Jane	AWD1005273	Grant	SBP: The Roots of Female Underrepresentation in STEM and Beyond: Exploring the Development of Gender Stereotypes about Intelligence	New York University	8/15/2016	7/31/2019	\$87,007

Physics

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Tully, Christopher George	CNV1000108	Contract	US CMS Hadron Calorimeter Subsystem	Fermi National Accelerator Laboratory	10/1/2002	12/31/2017	\$846,866
Hasan, MD Zahid	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	7/31/2019	\$3,100,000
Tully, Christopher George	CNV1000470	Contract	US CMS Upgrade R&D M&O Subsystem for FY 2008 - Magnetic Testing	Fermi National Accelerator Laboratory	10/1/2007	12/31/2017	\$383,559
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
Bernevig, Bogdan Andrei	CNV1001175	Grant	CAREER: Emergent Phenomena in New Quantum Materials	NSF - National Science Foundation	8/15/2010	7/31/2016	\$450,000
Page Jr., Lyman Alexander	CNV1001165	Grant	ACTPol: The Atacama Cosmology Telescope with Polarization.	NSF - National Science Foundation	9/15/2010	8/31/2016	\$9,400,000
Shaevitz, Joshua William	CNV1001241	Grant	Collaborative Research: PoLS Student Research Network	NSF - National Science Foundation	10/1/2010	9/30/2016	\$641,100
Jones, William Claude	CNV1001264	Grant	David and Lucille Packard Foundation - 2010	The David and Lucile 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	\$178,538
Austin, Robert Hamilton	CNV1001513	Contract	PolyNano	Danish Technical University	7/18/2011	7/31/2016	\$51,228
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	NSF - National Science Foundation	9/1/2011	8/31/2016	\$3,141,472
Bernevig, Bogdan Andrei	CNV1001590	Grant	Emergent Topological Phases of Matter	The David and Lucile Packard Foundation	10/14/2011	10/31/2018	\$875,000
Marlow, Daniel Robert	CNV1001655	Cooperative Agreement	U.S. CMS Operations at the LHC	NSF - National Science Foundation	1/1/2012	6/30/2017	\$50,000,000
Jones, William Claude	CNV1001829	Grant	Spider: Probing Inflation with a Large Angular Scale Millimeter-wave Polarimeter	NASA Headquarters - Washington	5/15/2012	5/14/2018	\$7,386,995
Marlow, Daniel Robert	CNV1001914	Grant	High Energy Physics	DOE - Chicago	6/1/2012	3/31/2018	\$11,877,000
Staggs, Suzanne Therese	CNV1001945	Grant	Developing Polarization Sensitive Detectors for Cosmic Microwave Background Research (Sara	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	7/31/2022	\$1,320,000

Physics (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	CNV1002010	Grant	Collaborative Research: R & D Toward DarkSide-G2, a Second-Generation Direct Search for Dark Matter	NSF - National Science Foundation	9/1/2012	8/31/2016	\$2,839,083
Calaprice, Frank Paul	CNV1002034	Grant	Development of Low Background Sodium Iodide Scintillation Detectors for Dark Matter Research	NSF - 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
McDonald, Kirk T.	CNV1002609	Contract	Cathode Plane Assembly (CPA) Design for the LBNE Time Projection Chamber (TPC)	Brookhaven National Laboratory	1/1/2013	9/30/2017	\$457,376
Meyers, Peter Daniel	CNV1002613	Contract	DarkSide-50 DOE Commissioning/Operations	Fermi National Accelerator Laboratory	4/1/2013	12/31/2017	\$190,000
Romalis, Michael V.	CNV1002614	Grant	Low Drift Nuclear Spin Gyro and Magnetic-Optical Accelerometer	Air Force Research Laboratory (WPAFB)	4/1/2013	10/31/2017	\$2,156,954
Yazdani, Ali	CNV1002618	Grant	Atomic Scale Engineering of Majorana Fermions in Chains of Magnetic Atoms on Superconductors	Office of Naval Research	7/15/2013	7/14/2017	\$518,783
Giombi, Simone	CNV1002623	Grant	Research in the Gauge/Gravity Duality	NSF - National Science Foundation	9/1/2013	8/31/2016	\$150,000
Lieb, Elliott H.	CNV1002626	Grant	The Quantum Mechanical Many-body Problem and Statistical Mechanics	NSF - National Science Foundation	9/1/2013	8/31/2018	\$465,000
Klebanov, Igor R.	CNV1002617	Grant	Theoretical Physics	NSF - National Science Foundation	9/15/2013	8/31/2016	\$1,230,000
Callan Jr., Curtis Gove	CNV1002625	Grant	Theoretical Physics of Biological Systems	NSF - National Science Foundation	9/15/2013	8/31/2016	\$870,000
Sondhi, Shivaji Lal	CNV1002624	Grant	Studies of Topological Order and Real Time Dynamics	NSF - National Science Foundation	10/1/2013	9/30/2017	\$276,000
Tully, Christopher George	CNV1003083	Contract	LHC CMS Detector Upgrade HCAL Subsystem for Year 2014	Fermi National Accelerator Laboratory	10/1/2013	12/31/2017	\$110,813
Galbiati, Cristiano	CNV1003209	Grant	Collaborative Research:Direct Search for Dark Matter with Underground Argon at LNGS	NSF - National Science Foundation	6/15/2014	5/31/2019	\$3,163,950
Pufu, Silviu Stefan	CNV1003239	Grant	Quantum Field Theory and String Theory	NSF - National Science Foundation	7/1/2014	6/30/2018	\$150,000
Petta, Jason R.	AWD1004051	Grant	Photon-emission from a Cavity-coupled Quantum Dot	NSF - National Science Foundation	8/1/2014	7/31/2018	\$420,000
Romalis, Michael V.	AWD1004123	Grant	Precision Measurements with Nuclear Spins	NSF - National Science Foundation	9/1/2014	8/31/2018	\$480,303
Staggs, Suzanne Therese	AWD1004164	Grant	Advanced ACTPol	NSF - National Science Foundation	9/15/2014	8/31/2019	\$9,975,737
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 (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Romalis, Michael V.	AWD1004287	Contract	A Universal, Low-Cost Atomic Magnetometer	Twinleaf LLC	10/1/2014	9/30/2017	\$559,818
Ong, Nai Phuan	AWD1004230	Grant	Gordon and Betty Moore Foundation EPIQS Investigator - ONG	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,801,857
Yazdani, Ali	AWD1004232	Grant	Gordon and Betty Moore Foundation EPIQS Investigator - YAZDANI	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,803,440
Petta, Jason R.	AWD1004238	Grant	Gordon and Betty Moore Foundation EQiPS Investigator - PETTA	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,801,910
Hasan, MD Zahid	AWD1004239	Grant	Gordon and Betty Moore Foundation EQiQS Investigator - HASAN	Gordon and Betty Moore Foundation	12/1/2014	11/30/2019	\$1,980,112
Austin, Robert Hamilton	AWD1004309	Grant	Travel Support Request for Institute for Advanced Study Workshop on Physics Approach to Simplifying Complexity in Biology	NSF - National Science Foundation	3/15/2015	2/28/2018	\$36,000
Elmer, G. J. Peter	AWD1004396	Grant	Collaborative Research: SI2-SSI: Data-Intensive Analysis for High Energy Physics (DIANA/HEP)	NSF - National Science Foundation	5/1/2015	4/30/2019	\$1,145,564
Petta, Jason R.	AWD1004360	Grant	SSQIP - Scalable Silicon-Based Quantum Information Processing	Army Research Office	6/1/2015	5/31/2019	\$7,490,254
Romalis, Michael V.	AWD1004395	Contract	Pulsed Scalar Atomic Magnetometer	Government of Israel Ministry of Defense	7/1/2015	6/30/2019	\$600,000
Wang, Yan Mei	AWD1004647	Grant	Flagellar Membrane Signaling Protein Transport Mechanisms: A Single-Molecule Study	NSF - National Science Foundation	7/1/2015	2/28/2018	\$377,494
Galbiati, Cristiano	AWD1004481	Contract	Construction and Operation of Urania-2020 LNGS Low-Radioactivity Techniques at the Greater Service of Society	Istituto Nazionale Di Fisica Nucleare	7/6/2015	7/5/2017	\$5,464,721
Elmer, G. J. Peter	AWD1004519	Grant	Collaborative Research: Particle Tracking at High Luminosity on Heterogeneous, Parallel Processor Architectures	NSF - National Science Foundation	8/1/2015	7/31/2018	\$479,529
Staggs, Suzanne Therese	AWD1004527	Grant	Developing Advanced Broadband Microwave Detectors for Next-Generation CMB Polarization Studies (Kevin Crowley)	NASA Headquarters - Washington	8/1/2015	7/31/2019	\$222,000
Calaprice, Frank Paul	AWD1004716	Grant	CNO Solar Neutrinos with Borexino - A Quest for Ultra-Low Background	NSF - National Science Foundation	8/15/2015	7/31/2018	\$1,323,000
Hasan, MD Zahid	AWD1004521	Grant	Electronic Structure of Unconventional Spin-Orbit Materials	NSF - National Science Foundation	9/1/2015	8/31/2018	\$393,216
Tully, Christopher George	AWD1004544	Grant	PTOLEMY	The Simons Foundation	9/1/2015	8/31/2017	\$400,000
Puchalla, Jason L.	AWD1004703	Grant	Molecular Mechanism of Vesicle Membrane Scission	Texas A&M University	9/1/2015	8/31/2019	\$203,093
Calaprice, Frank Paul	AWD1004719	Grant	SABRE R&D: Investigating Radio-Pure Sodium Iodide	NSF - National Science Foundation	9/1/2015	8/31/2017	\$191,558

Physics (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Shaevitz, Joshua William	AWD1004605	Grant	Collaborative Research: PoLS Student Research Network	NSF - National Science Foundation	10/1/2015	9/30/2020	\$1,000,000
Bernevig, Bogdan Andrei	AWD1004621	Grant	ICAM Postdoctoral Fellowship Award	University of California at Davis	10/1/2015	9/30/2016	\$25,000
Romalis, Michael V.	AWD1004637	Grant	Scalar Multipass Atomic Magnetometer	Air Force Research Laboratory (WPAFB)	10/10/2015	4/9/2017	\$400,000
Meyers, Peter Daniel	AWD1004809	Contract	R & D Toward Large LAR TPCs for Direct WIMP Searches	Fermi National Accelerator Laboratory	1/4/2016	12/31/2017	\$250,000
Petta, Jason R.	AWD1004720	Contract	Defect-Tolerant Reconfigurable Gate Architecture for Cavity-Coupled Silicon/Silicon Germanium Quantum Dots	HRL Laboratories, LLC	1/5/2016	12/11/2017	\$606,032
Romalis, Michael V.	AWD1004721	Contract	Proposal for Development of Multi-Pass RF Atomic Magnetometers	Chemring Sensors & Electronic Systems	1/6/2016	1/6/2017	\$130,460
Callan Jr., Curtis Gove	AWD1004722	Grant	Liberating the Immunologic Response to Pancreatic Cancer	The V Foundation for Cancer Research	2/1/2016	2/1/2018	\$174,698
Jones, William Claude	AWD1004787	Grant	SuperBIT: Wide-field, Sub-arcsecond Imaging from the Super-Pressure Balloon Platform	NASA Headquarters - Washington	2/24/2016	2/23/2021	\$1,734,443
Tully, Christopher George	AWD1004786	Grant	The Universe at One Second After the Big Bang	The John Templeton Foundation	3/1/2016	2/28/2018	\$334,548
Yazdani, Ali	AWD1004807	Grant	NSF Frontiers of Condensed Matter Physics Workshop on Topological Phases of Matter	NSF - National Science Foundation	4/15/2016	1/31/2017	\$50,000
McDonald, Kirk T.	AWD1004876	Grant	Detectors with Fast Timing via Electron Multiplication in Silicon and Gases	DOE - Chicago	5/1/2016	3/31/2018	\$100,000
Callan Jr., Curtis Gove	AWD1005132	Grant	Liberating the Immunologic Response to Pancreatic Cancer	University of Pennsylvania	6/1/2016	5/31/2017	\$49,688
McDonald, Kirk T.	AWD1004945	Contract	Hyperfast Silicon Detector Direct Particle Detection	Radiation Monitoring Devices, Inc.	6/13/2016	2/28/2017	\$30,000
Bakr, Waseem S.	AWD1004878	Grant	(YIP) Single-Atom Microscopy of Dipolar Fermi Gases	Air Force Office of Scientific Research	6/15/2016	6/14/2019	\$360,000
Callan Jr., Curtis Gove	AWD1004913	Grant	Liberating T-Cell Mediated Immunity to Pancreatic Cancer	University of Pennsylvania	6/15/2016	5/31/2017	\$81,397
Pretorius, Frans	AWD1004887	Grant	Dynamical, Strong-Field Gravity	NSF - National Science Foundation	7/1/2016	6/30/2019	\$480,000
Elmer, G. J. Peter	AWD1004917	Grant	Collaborative Research: S212: Cncp: Conceptualization of an S212 Institute for High	NSF - National Science Foundation	7/1/2016	6/30/2018	\$79,916
Bernevig, Bogdan Andrei	AWD1004835	Grant	The 2016 Simons Foundation Investigators in Mathematics, Physics and Theoretical Computer Science program	The Simons Foundation	8/1/2016	7/31/2021	\$660,000

Physics (5)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Bernevig, Bogdan Andrei	AWD1004957	Grant	Eager: Topological Semimetals, Insulators and Supersymmetry	NSF - National Science Foundation	8/15/2016	7/31/2018	\$300,000
Yazdani, Ali	AWD1004981	Grant	Probing Exotic Quasiparticles in Weyl Materials	NSF - National Science Foundation	8/15/2016	7/31/2019	\$400,000
Giombi, Simone	AWD1005007	Grant	Non-perturbative Aspects of Quantum Field Theory and Gravity	NSF - National Science Foundation	8/15/2016	7/31/2019	\$210,000
Austin, Robert Hamilton	AWD1005276	Grant	The Johns Hopkins Physical Sciences-Oncology Center	The Johns Hopkins University	8/29/2016	7/31/2017	\$20,007
Bakr, Waseem S.	AWD1004817	Grant	Atom-resolved Microscopy of Exotic Superfluids in Spin-imbalanced Fermi Gases	NSF - National Science Foundation	9/1/2016	8/31/2019	\$476,555
Sondhi, Shivaji Lal	AWD1004963	Grant	Entanglement and Dynamics in Condensed Matter and High Energy Physics	DOE - Chicago	9/1/2016	8/31/2018	\$260,000
Pufu, Silviu Stefan	AWD1004973	Grant	Simons Collaboration on the Non-Perturbative Bootstrap	The Simons Foundation	9/1/2016	8/31/2020	\$524,635
Staggs, Suzanne Therese	AWD1004983	Grant	The Simons Observatory	University of California at San Diego	9/1/2016	8/31/2021	\$3,592,220
Callan Jr., Curtis Gove	AWD1004984	Grant	Theoretical Physics of Biological Systems	NSF - National Science Foundation	9/1/2016	8/31/2019	\$900,000
Klebanov, Igor R.	AWD1004986	Grant	Theoretical Physics	NSF - National Science Foundation	9/1/2016	8/31/2019	\$840,000
Paschalidis, Vasileios	AWD1004997	Grant	Studies of Gamma-ray Burst Engines in full General Relativity	NASA Headquarters - Washington	9/1/2016	8/31/2017	\$45,000
Bernevig, Bogdan Andrei	AWD1005013	Grant	New Topological Frontier	DOE - Chicago	9/1/2016	5/31/2019	\$445,000
Lisanti, Mariangela	AWD1004873	Grant	Alfred P. Sloan Research Fellow - Mariangela Lisanti	Alfred P. Sloan Foundation	9/15/2016	9/14/2018	\$55,000
Calaprice, Frank Paul	AWD1005015	Grant	Development of High-Purity NaI(Tl) Crystals for the SABRE Dark Matter Experiment	NSF - National Science Foundation	9/15/2016	8/31/2018	\$319,778
Tully, Christopher George	AWD1005060	Grant	Barrel Timing Layer	Universities Research Association, Inc.	10/1/2016	4/30/2018	\$2,400
Bakr, Waseem S.	AWD1005078	Grant	The David and Lucille Packard Foundation Fellowships for Science and Engineering	The David and Lucille Packard Foundation	11/15/2016	11/14/2021	\$875,000
Jones, William Claude	AWD1005100	Grant	Spider: Probing the Early Universe with a Large-Scale CMB Polarization Survey	NASA Headquarters - Washington	1/1/2017	12/31/2019	\$3,682,831
Marlow, Daniel Robert	AWD1005175	Grant	PARENT: U.S. CMS Operations at the LHC	NSF - National Science Foundation	1/1/2017	12/31/2021	\$49,374,948
Calaprice, Frank Paul	AWD1005329	Grant	LE17 - Full Scale Detector System for the First Australian Dark Matter Experiment	University of Melbourne	1/1/2017	12/31/2017	\$0
Marlow, Daniel Robert	AWD1005342	Contract	High Luminosity (HL) LHC CMS Detector Upgrade Project - Outer Tracker	Fermi National Accelerator Laboratory	1/1/2017	9/30/2017	\$36,058

Physics (6)ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Romalis, Michael V.	AWD1005172	Grant	Nuclear Spin Gyroscope using Neon-21 Atoms	Office of Naval Research	3/1/2017	2/28/2019	\$473,194

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
George, Robert Peter	CNV1000829	Grant	James Madison Program	Fidelity Charitable Gift Fund	7/1/2009	8/31/2018	\$156,075
George, Robert Peter	CNV1001318	Grant	Thomas W. Smith Postdoctoral Fellows	The Thomas W. Smith Foundation	8/1/2011	6/30/2017	\$450,000
Jamal, Amaney Ahmad	CNV1002981	Grant	Collaborative Research: Experimental Research on Religious Scripture and Political Behavior in the Muslim World	NSF - National Science Foundation	2/1/2014	1/31/2018	\$324,692
Keohane, Robert Owen	AWD1004112	Grant	Doctoral Dissertation: Explaining Variation in Advocacy Efforts by International Nongovernmental Organizations	NSF - National Science Foundation	8/1/2014	7/31/2016	\$31,979
George, Robert Peter	CNV1003044	Grant	Thomas W. Smith Postdoctoral Fellows	The Thomas W. Smith Foundation	8/1/2014	8/31/2017	\$450,000
George, Robert Peter	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 Peter	AWD1004671	Grant	James Madison Program in American Ideals and Institutions -- General Support FY 2016	Donner Canadian Foundation	9/1/2015	8/31/2016	\$16,447
Imai, Kosuke	AWD1004774	Grant	Unemployment and Violence in Afghanistan: Evidence from the Community Development Program	Yale University	10/1/2015	9/30/2017	\$129,762
George, Robert Peter	AWD1004792	Grant	JMP Bradley Foundation FY16	The Lynde and Harry Bradley Fdn., Inc.	2/23/2016	2/22/2017	\$75,000
Imai, Kosuke	AWD1004775	Grant	Doctoral Dissertation Research: Crossing Africa's Arbitrary Borders: How Refugees Shape National Boundaries by Challenging Them	NSF - National Science Foundation	3/1/2016	2/28/2017	\$18,900
Holland, Alisha Caroline	AWD1004966	Grant	Rapid: Migration Waves	Yale University	7/1/2016	6/30/2017	\$4,910
Scheppele, Kim Lane	AWD1004858	Grant	"Doctoral Dissertation Research: Translating Rules and the Rule of Law into Local Practices"	NSF - National Science Foundation	9/1/2016	8/31/2017	\$25,194
Imai, Kosuke	AWD1004922	Grant	Collaborative Conference Proposal: Support for Conferences and Mentoring of Women and Underrepresented Groups in Political Methodology	NSF - National Science Foundation	9/1/2016	8/31/2019	\$307,722
George, Robert Peter	AWD1005031	Grant	James Madison Program in American Ideals and Institutions	Donner Canadian Foundation	9/1/2016	8/31/2017	\$14,563
Jamal, Amaney Ahmad	AWD1005242	Grant	Doctoral Dissertation Research: Cross-National Research on Protest, Social Policy, and Political Regimes	NSF - National Science Foundation	4/1/2017	3/31/2018	\$18,900
George, Robert Peter	AWD1005275	Grant	FY17-18 General Operating Support for the James Madison Program in American Ideals and Institutions	The Lynde and Harry Bradley Fdn., Inc.	4/5/2017	4/4/2018	\$75,101

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Pacala, Stephen Wilson	CNV1000015	Contract	A Carbon Mitigation Initiative at Princeton University	BP International Limited	10/1/2000	12/31/2017	\$31,702,430
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	\$116,972
Morel, Francois M. M.	CNV1002690	Grant	Ocean Acidification: The Effect of Ocean Acidification on the Availability of Trace Metals to Phytoplankton	NSF - National Science Foundation	7/1/2013	12/31/2016	\$494,404
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	12/31/2018	\$1,302,422
Pacala, Stephen Wilson	CNV1002685	Cooperative Agreement	A Decision-support System for Managing the Carbon Cycle Under a Changing Climate	U.S. Dept of Agriculture	7/29/2013	9/30/2016	\$145,800
Pacala, Stephen Wilson	CNV1003145	Grant	Collaborative Research: Extreme Events and Ecological Acclimation: Scaling from Cells to Ecosystems	NSF - National Science Foundation	6/1/2014	5/31/2017	\$205,482
Sarmiento, Jorge Louis	AWD1004066	Grant	Southern Ocean Carbon and Climate Observations and Modeling SOCCOM	NSF - National Science Foundation	9/1/2014	8/31/2020	\$17,194,857
Caylor, Kelly K.	AWD1004070	Grant	WSC-Category 2 Collaborative: Impacts of Agricultural Decision Making and Adaptive Management on Food Security in Africa	NSF - National Science Foundation	9/1/2014	8/31/2019	\$1,929,565
Estes, Lyndon Despard	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	\$305,565
Metcalf, Charlotte Jessica Eland	AWD1004464	Grant	Seasonal Drivers of Human Movement and Aggregation in aChanging Climate: Consequences for Infectious Disease Dynamics and Control	The Wellcome Trust	7/1/2015	6/30/2018	\$619,618
Bou Zeid, Elie R.	AWD1004547	Cooperative Agreement	Urban Water Innovation Network (U-WIN)	Colorado State University	8/1/2015	7/31/2020	\$1,149,345
Bourg, Ian Charles	AWD1004635	Contract	Center for Nanoscale Controls on Geologic CO2 (NCGC)	Lawrence Berkeley National Laboratory	10/1/2015	7/31/2018	\$612,500
Pacala, Stephen Wilson	AWD1004506	Contract	A Carbon Mitigation Initiative at Princeton University	BP International Limited	1/1/2016	12/31/2020	\$11,550,000
Morel-Kraepiel, Anne M.	AWD1004896	Grant	Alternative Nitrogenases: How Much Do They Contribute to N2 Fixation and Why?	NSF - National Science Foundation	7/1/2016	6/30/2019	\$357,768
Resplandy, Laure	AWD1005419	Grant	Mechanisms Controlling Mesoscale and Submesoscale Hotspots in Net Community Production/export, with Simulation-based Studies on How to Sample Them	Woods Hole Oceanographic Institute	8/25/2016	8/24/2019	\$83,553

Princeton Environmental Institute (PEI) (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Despard	AWD1004943	Grant	NatureNet Science Fellows Program	The Nature Conservancy	9/1/2016	8/31/2017	\$46,000
Morel, Francois M. M.	AWD1005150	Grant	Iron Uptake by Marine Bacteria: Regulation and Function of Weak and Strong Siderophores	NSF - National Science Foundation	2/1/2017	1/31/2020	\$494,988
Estes, Lyndon Despard	AWD1005277	Grant	WSC-Category 2 Collaborative: Impacts of Agricultural Decision Making and Adaptive Management on Food Security in Africa	University of CA at Santa Barbara	2/1/2017	8/31/2017	\$0
Vecchi, Gabriel Andres	AWD1005355	Contract	Development of Global Event Attribution Statistics	Climate Central	4/1/2017	6/30/2017	\$0

Princeton Institute for Computational Science and Engineering (PICSciE)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	NSF - National Science Foundation	9/1/2014	5/31/2017	\$399,776
Tang, William Ming-Wu	AWD1004566	Grant	Leadership Class Scientific and Engineering Computing: Breaking Through the Limits (Award # 0725070)	University of Illinois at Chicago	2/1/2015	4/30/2017	\$300,107
Tang, William Ming-Wu	AWD1004788	Grant	GECAT - Global Initiative to Enhance @scale and Distributed Computing and Analysis Technologies to Address Grand Challenge Problems Around the World (Blue Waters)	University of IL at Urbana-Champaign	1/1/2016	4/30/2017	\$10,000
Tromp, Jeroen	AWD1004989	Grant	EarthCube Building Blocks: Collaborative Proposal: The Power of Many: Ensemble Toolkit for Earth Sciences	NSF - National Science Foundation	9/1/2016	8/31/2019	\$339,754

Princeton Institute for International and Regional Studies (PIIRS)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Ian	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	8/31/2017	\$175,179
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	11/30/2016	\$60,000

Princeton Institute for the Science and Technology of Materials (PRISM)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	CNV1000217	Grant	Strongly Correlated Electrons: Ground States, Excited States, and Transport	DOE - Chicago	5/1/2005	4/30/2017	\$1,244,999
Gmachl, Claire F.	CNV1000233	Cooperative Agreement	Mid-Infrared Technologies for Health and the Environment (MIRTHE)	NSF - National Science Foundation	5/1/2006	10/31/2016	\$34,397,541
Shayegan, Mansour	CNV1000365	Grant	Transport in Spin-Split Two-Dimensional Systems	DOE - Germantown	11/15/2006	11/14/2018	\$2,793,762
Law, Chung King	CNV1000772	Grant	Energy Frontier Research Center for Combustion Science:	DOE - Washington	8/1/2009	7/31/2016	\$17,337,351
Austin, Robert Hamilton	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 Addison	CNV1000935	Grant	Quantum Information and Quantum Optics with Integrated Circuits	The David and Lucile Packard Foundation	10/15/2009	4/30/2017	\$875,000
Houck, Andrew Addison	CNV1001051	Grant	CAREER: Strongly Correlated Photons in Microwave Cavities and Coupled Cavity Arrays	NSF - National Science Foundation	6/1/2010	2/28/2017	\$550,000
Houck, Andrew Addison	CNV1001316	Grant	PECASE: Quantum Computing, Quantum Control, and Quantized Non-Linear Optics with Superconducting Circuits	Army Research Office	2/10/2011	8/9/2016	\$1,000,000
Sturm, James Christopher	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	\$1,001,332
Ong, Nai Phuan	CNV1001879	Grant	MRSEC PREM - Computational Research and Education for Emergent Materials	California State University, Northridge	6/1/2012	3/31/2018	\$424,596
Torquato, Salvatore	CNV1001800	Grant	Particle Packing Problems	NSF - National Science Foundation	8/1/2012	10/31/2016	\$303,000
Arnold, Craig B.	CNV1001936	Grant	3-D Additive Multiscale Manufacturing Using Near-Field Ultrafast Laser Processing	NSF - National Science Foundation	9/1/2012	8/31/2016	\$409,998
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
Lyon, Stephen Aplin	CNV1002675	Grant	Spin Coherence in Silicon-based Quantum Structures and Devices	Army Research Office	6/1/2013	5/31/2017	\$2,450,833
Shayegan, Mansour	CNV1002676	Grant	Interacting Two-dimensional Electrons in Unconventional Sytems	NSF - National Science Foundation	8/1/2013	7/31/2017	\$620,000
Sturm, James Christopher	AWD1004056	Contract	Manipulation of Biological Particles by Deterministic Lateral Displacement: Fundamental Demonstrations and Practical Conditions	GPB Scientific, LLC	4/1/2014	12/31/2017	\$625,000

Princeton Institute for the Science and Technology of Materials (PRISM) (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	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
Gmachl, Claire F.	CNV1003229	Grant	Proto-Type II-VI Quantum Well-Based Unipolar Mid-Infrared Photodetectors	NSF - National Science Foundation	7/1/2014	2/28/2017	\$204,011
Haataja, Mikko Petteri	AWD1004243	Grant	Center for the Computational Design of Functional Layered Materials	Temple University	8/1/2014	7/31/2018	\$381,618
Pfeiffer, Loren N.	AWD1004130	Grant	Moore Materials Synthesis Investigators	Gordon and Betty Moore Foundation	8/7/2014	7/31/2019	\$3,801,551
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	NSF - 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
Yazdani, Ali	AWD1004307	Cooperative Agreement	MRSEC: PRINCETON CENTER FOR COMPLEX MATERIALS	NSF - National Science Foundation	11/1/2014	10/31/2020	\$19,475,000
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
Sturm, James Christopher	AWD1004468	Grant	Microfluidic Processing of Leukocytes for Molecular Diagnostic Testing	GPB Scientific, LLC	5/18/2015	4/30/2018	\$424,666
Shayegan, Mansour	AWD1004404	Grant	Toward Spin- and Valleytronic Devices	NSF - National Science Foundation	7/1/2015	6/30/2018	\$405,000
Houck, Andrew Addison	AWD1004493	Grant	Autonomous Error Protection in Superconducting Circuits	Army Research Office	8/1/2015	7/31/2018	\$2,817,963
Houck, Andrew Addison	AWD1004494	Grant	Engineering Exotic States of Light with Superconducting Circuits	Army Research Office	8/1/2015	7/31/2020	\$6,250,000
Lyon, Stephen Aplin	AWD1004515	Grant	Electron Spin Dynamics on the Surface of Superfluid Helium	NSF - National Science Foundation	8/1/2015	7/31/2018	\$547,242
Pfeiffer, Loren N.	AWD1004812	Contract	Frequency Agile Heterodyne Detector for Submillimeter Spectroscopy of Planets and Comets	University of CA at Santa Barbara	8/19/2015	7/31/2018	\$60,000
Rand, Barry P.	AWD1004591	Grant	Compound Semiconductors for Transient Electronic and Optoelectronic Systems	Defense Advanced Research Projects Agency	9/15/2015	9/14/2018	\$500,002
Arnold, Craig B.	AWD1004629	Grant	MRI: Acquisition of an X-Ray Microscope Supporting Multidisciplinary Fundamental and Applied Research	NSF - National Science Foundation	9/15/2015	8/31/2018	\$586,140
Soboyejo, Winston Oluwole	AWD1004633	Grant	US Africa Workshop on Cancer Research	NIH NIMHD	9/25/2015	8/31/2016	\$50,000
Prucnal, Paul Richard	AWD1004731	Contract	Resonant-Enhanced High Sensitivity Optical Switch	General Dynamics Corporation	10/15/2015	10/14/2016	\$150,516

Princeton Institute for the Science and Technology of Materials (PRISM) (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Sturm, James Christopher	AWD1004889	Contract	Product Demonstrator: Flexible, Self-powered, Motion, Sound Sensing Array Sheet with Remote	FlexTech Alliance	11/1/2015	9/30/2017	\$175,000
Houck, Andrew Addison	AWD1004718	Contract	Generating Remote Entanglement with Superconducting Circuits	HRL Laboratories, LLC	1/5/2016	12/11/2017	\$232,490
Prucnal, Paul Richard	AWD1004744	Grant	Fiber Optic Detection of Magnetic Flux Quantum Pulses using Resonator-Enhanced Modulation	Office of Naval Research	3/1/2016	2/28/2019	\$433,933
Houck, Andrew Addison	AWD1004855	Contract	Superconducting Logically-Encoded Extensible Qubit: Tunable Coupling, Filtering, and Enhanced Connectivity	Intl Business Machines Corp. (IBM)	3/31/2016	3/30/2019	\$750,000
Ong, Nai Phuan	AWD1004789	Grant	Transport and Tunneling Experiments on Dirac and Weyl Semimetals	Army Research Office	4/15/2016	4/14/2019	\$446,035
Law, Chung King	AWD1004918	Grant	2016 Princeton-CEFRC-CI Summer School on Combustion	Army Research Office	4/27/2016	11/26/2016	\$10,000
Law, Chung King	AWD1004824	Grant	2016 Princeton-CEFRC-CI Summer School on Combustion	NSF - National Science Foundation	5/1/2016	7/31/2017	\$20,000
Chou, Stephen Y.	AWD1004848	Contract	Ultrasensitive, Rapid, Early Detection of Ebola Antigen (sGP) Using M-Plate-A New Nanostructured Plate with Ultra-high Amplification	Defense Threat Reduction Agency	5/2/2016	10/1/2019	\$5,567,821
Soboyejo, Winston Oluwole	AWD1004883	Contract	Program on Math and Science for Sub-Saharan Africa (MS4SSA)	The World Bank	5/25/2016	1/15/2017	\$84,668
Torquato, Salvatore	AWD1004865	Cooperative Agreement	NYU Materials Research Science and Engineering Center	New York University	6/1/2016	10/31/2017	\$128,737
Priestley, Rodney D.	AWD1004892	Grant	REU Site: Materials for Energy and the Environment	NSF - National Science Foundation	7/1/2016	6/30/2019	\$292,562
Gmachl, Claire F.	AWD1004959	Grant	DMREF: Collaborative Research: Semiconductor Heterostructure Platform for Active Nonlocal Plasmonic and Hyperbolic Materials	NSF - National Science Foundation	10/1/2016	9/30/2020	\$298,000
Prucnal, Paul Richard	AWD1005000	Grant	EARS: Collaborative Research: Turning on the Lights: Blind Source Separation with Agile Integrated Photonics	NSF - National Science Foundation	10/1/2016	9/30/2019	\$900,000
de Leon, Nathalie P.	AWD1005017	Grant	EFRI ACQUIRE Integrated Nanophotonic Solid State Memories for Telecom Wavelength Quantum Repeaters	Yale University	10/1/2016	9/30/2020	\$883,125
Pfeiffer, Loren N.	AWD1005070	Grant	E2CDA: Type I: Excitonic Devices	University of California at San Diego	10/1/2016	9/30/2019	\$158,181
Zondlo, Mark Andrew	AWD1005083	Cooperative Agreement	Remote Methane Sensor for Emissions from Pipelines and Compressor Stations using Chirped-laser Dispersion Spectroscopy	DOE Office of Fossil Energy	10/1/2016	3/31/2020	\$1,141,204

Princeton Institute for the Science and Technology of Materials (PRISM) (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Pfeiffer, Loren N.	AWD1005375	Contract	E2CDA: Type I: Excitonic Devices: Center for Electronic Devices	University of California at San Diego	10/1/2016	9/30/2019	\$24,819
Law, Chung King	AWD1005123	Grant	2017 Princeton Summer School on Combustion	NSF - National Science Foundation	2/1/2017	1/31/2018	\$49,500
de Leon, Nathalie P.	AWD1005199	Grant	Systematic Search for New Color Centers in Diamond for Quantum Technologies	Air Force Office of Scientific Research	3/15/2017	3/14/2020	\$360,000
Law, Chung King	AWD1005209	Grant	Conference/Symposium: 2017 Princeton-CI Summer School on Combustion	Army Research Office	3/17/2017	9/16/2017	\$20,000
Priestley,Rodney D.	AWD1005425	Contract	Polymer/Graphene Composites	Shandong Lutai Holding Co., Ltd.	6/1/2017	5/30/2018	\$65,000
Car, Roberto	AWD1005365	Grant	Electronic Structure Theory and Novel Materials	DOE - Washington	6/3/2017	9/1/2017	\$0

Princeton Neuroscience Institute (PNI)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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.	CNV1000536	Grant	HHMI Support for Carlos Brody	Howard Hughes Medical Institute	7/1/2008	8/31/2018	\$419,748
Ghazanfar, Asif A.	CNV1001126	Grant	Vocal Communication Emerges and Evolves through Coupled Oscillations	James S. McDonnell Foundation	12/1/2010	12/31/2018	\$600,000
Murthy, Mala	CNV1001325	Grant	CAREER: Neural Mechanisms for Acoustic Communication in Drosophila	NSF - National Science Foundation	3/1/2011	2/28/2017	\$668,000
Hasson, Uri	CNV1001412	Grant	Topographic Mapping of a Hierarchy of Temporal Receptive Windows Using Natural Stimuli	NIH NIMH	7/7/2011	3/31/2017	\$1,962,260
Turk-Browne, Nicholas B.	CNV1001458	Grant	Neural and Behavioral Interactions Between Attention, Perception, and Learning	NIH NEI	8/1/2011	7/31/2017	\$1,751,763
Niv, Yael	CNV1001517	Grant	Interactions Between Learning and Attention Across the Lifespan	Ellison Medical Foundation	10/1/2011	8/31/2016	\$400,000
Wang, Samuel Sheng-Hung	CNV1001969	Grant	Transcending the Dynamic Limits of Genetically Encodable Calcium Indicators	McKnight Endowment Fund for Neuroscience	8/1/2012	7/31/2016	\$150,000
Kastner, Sabine	CNV1002039	Grant	Functions of the Thalamus in Perception and Cognition	NIH NEI	9/1/2012	8/31/2017	\$1,696,067
Niv, Yael	CNV1002040	Grant	Neural and Computational Mechanisms of Selective Attention in Decision Making	NIH NIMH	9/18/2012	5/31/2017	\$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.	CNV1002058	Grant	Grid Cell Dynamics During Navigation In Virtual Reality	NIH NINDS	9/26/2012	7/31/2019	\$2,649,230
Witten, Ilana Basya	CNV1002036	Grant	Therapeutic Plasticity: A Novel Paradigm for Treating Addiction	NIH NIDA	9/30/2012	5/31/2017	\$2,415,000
Niv, Yael	CNV1002140	Grant	The Striatal Cholinergic System and Attention for Learning: from Neurotransmission to Personality	Human Frontier Science Prog Org (HFSP)	10/1/2012	9/30/2016	\$450,000
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
Witten, Ilana Basya	CNV1002705	Grant	Unraveling the Neuromodulatory Control of Working Memory	The Pew Charitable Trusts	8/1/2013	7/31/2018	\$240,000
Buschman, Timothy J.	CNV1002709	Grant	Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	NIH NIMH	8/1/2013	5/31/2017	\$749,697
Cohen, Jonathan D.	CNV1002715	Grant	NRSA Training Grant in Quantitative Neuroscience	NIH NIMH	8/1/2013	7/31/2018	\$1,970,563
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
Kastner, Sabine	CNV1002717	Grant	Attentional Selection from Natural Scenes	NSF - National Science Foundation	9/1/2013	6/30/2017	\$528,841

Princeton Neuroscience Institute (PNI) (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Cohen, Jonathan D.	CNV1003215	Grant	"MACKEREL: A Modern Approach to Compositional Knowledge Employment and Representation, Enabled by Learning"	Siemens Medical Solutions USA, Inc.	11/4/2013	4/30/2017	\$556,770
Berry II, Michael James	CNV1003093	Grant	Neurotechnologies for Analysis of Neural Dynamics	The Burroughs Wellcome Fund	1/1/2014	12/31/2019	\$200,000
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	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	9/15/2016	\$158,500
Buschman, Timothy J.	AWD1004142	Grant	Identifying the Neural Mechanisms allowing Compression (Chunking) of Working Memory	Office of Naval Research	6/1/2014	12/31/2018	\$1,582,838
Brody, Carlos D.	AWD1004020	Grant	Relating Dynamic Cognitive Variables to Neural Population Activity	The Simons Foundation	7/1/2014	6/30/2017	\$680,000
Tank, David W.	AWD1004022	Grant	Neural Circuit Dynamics During Cognition	The Simons Foundation	7/1/2014	6/30/2017	\$1,500,000
Witten, Ilana Basya	AWD1004030	Grant	Deconstructing Working Memory: Dopamine Neurons and their Target Circuits	McKnight Endowment Fund for Neuroscience	7/1/2014	6/30/2018	\$225,000
Pillow, Jonathan William	AWD1004236	Grant	Deciphering Cortical Representations at the Level of Spikes, Currents, and Conductances	McKnight Endowment Fund for Neuroscience	7/1/2014	6/30/2017	\$169,873
Tank, David W.	CNV1003243	Grant	Neural Circuit Imaging and Stimulation at Cellular Resolution in Virtual Reality	NIH NIMH	7/1/2014	6/30/2019	\$1,999,319
Brody, Carlos D.	AWD1004119	Grant	Swartz Initiative in Theoretical Neuroscience	The Swartz Foundation	8/1/2014	9/30/2016	\$99,165
Wang, Samuel Sheng-Hung	AWD1004042	Grant	Imaging Adaptive Cerebellar Processing at Cellular Resolution in Awake Mice	NIH NINDS	9/1/2014	5/31/2019	\$2,141,075
Berry II, Michael James	AWD1004115	Grant	Neurotechnologies for Analysis of Network Dynamics	NIH NIMH	9/1/2014	8/31/2019	\$807,375
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
Brody, Carlos D.	AWD1004240	Cooperative Agreement	Mechanisms of Neural Circuit Dynamics in Working Memory	NIH NINDS	9/30/2014	7/31/2018	\$3,055,288
Seung, Hyunjune Sebastian	AWD1004256	Cooperative Agreement	Vertically Integrated Approach to Visual Neuroscience: Microcircuits to Behavior	NIH NINDS	9/30/2014	7/31/2018	\$3,642,856

Princeton Neuroscience Institute (PNI) (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Tank, David W.	AWD1004420	Grant	Optimization of 3-photon Microscopy for Large Scale Recording in Mouse Brain	Cornell University	9/30/2014	8/31/2017	\$272,658
Seung, Hyunjune Sebastian	AWD1004674	Grant	Imaging How a Neuron Computes	The Trustees of Columbia University	10/1/2014	9/30/2017	\$196,754
Murthy, Mala	AWD1004116	Grant	BRAIN EAGER: Closing the Loop on Social Behaviors, From Mathematical Models to Neural	NSF - National Science Foundation	12/1/2014	11/30/2016	\$300,000
Pillow, Jonathan William	AWD1004351	Grant	Population Dynamics Across Pairs of Cortical Areas in Learning and Behavior	The Simons Foundation	1/1/2015	12/31/2017	\$340,000
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
Witten, Ilana Basya	AWD1004262	Grant	Dopamine, Working Memory, and Schizophrenia: Dissecting Spatial and Temporal Patterns	Brain and Behavior Research Foundation	1/15/2015	1/14/2018	\$65,000
Buschman, Timothy J.	AWD1004280	Grant	Mechanisms of Priority Negotiation in the Allocation of Attention	Brain and Behavior Research Foundation	1/15/2015	1/14/2018	\$65,000
Wang, Samuel Sheng-Hung	AWD1004300	Grant	Transcending Dynamic and Kinetic Limits for Neuronal Calcium Sensing	NIH NINDS	2/1/2015	1/31/2017	\$445,500
Norman, Kenneth Andrew	AWD1004450	Contract	Manipulating and Classifying Memory Processing during Sleep	Northwestern University	4/1/2015	3/31/2018	\$217,305
Pillow, Jonathan William	AWD1004668	Grant	CRCNS Detailed Multi-Neuron Coding of Decisions in Parietal Cortex	University of Texas at Austin	5/1/2015	4/30/2018	\$175,575
Pillow, Jonathan William	AWD1004667	Grant	CAREER: Unlocking the Neural Code with Spikes, Currents and Conductances	NSF - National Science Foundation	6/1/2015	8/31/2017	\$274,483
Boulanger, Lisa M.	AWD1004708	Grant	SCI-induced Denervation of the Diaphragm: Regulation by MHCI Immune Proteins	NJ Commission on Spinal Cord Research	6/29/2015	6/30/2018	\$200,000
Wang, Samuel Sheng-Hung	AWD1004458	Grant	Connectivity of the Posterior Cerebellum	NIH NINDS	7/1/2015	12/31/2020	\$228,450
Buschman, Timothy J.	AWD1004504	Grant	Selective Attention and Reward Value in the Prefrontal Control of Choice	NIH NIMH	7/1/2015	2/25/2017	\$99,731
Aronov, Dmitriy	AWD1004485	Grant	Mechanisms of Spatial Memory during Navigation in Virtual Reality	NIH NINDS	7/15/2015	4/1/2017	\$138,574
Witten, Ilana Basya	AWD1004530	Grant	Dissecting the Neural Circuitry for Spatial Working Memory	NIH NIMH	7/22/2015	3/31/2020	\$1,949,876
Pillow, Jonathan William	AWD1004512	Grant	Neural Time-integration Underlying Higher Cognitive Function	University of Texas at Austin	8/1/2015	7/31/2018	\$59,402
Norman, Kenneth Andrew	AWD1004560	Grant	NCS-FO: Collaborative Research: Sleep's Role in Determining the Fate of Individual Memories	NSF - National Science Foundation	9/1/2015	8/31/2018	\$594,090
Berry II, Michael James	AWD1004590	Grant	Collective Phenomena in Neural Population Codes	NSF - National Science Foundation	9/1/2015	8/31/2018	\$480,000

Princeton Neuroscience Institute (PNI) (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Daw, Nathaniel Douglass	AWD1004596	Grant	CRCNS:Representational Foundations of Adaptive Behavior in Natural and Artificial Agents	NIH NIMH	9/1/2015	5/31/2018	\$1,183,417
Cohen, Jonathan D.	AWD1004826	Grant	Computation and Visualization of Multi-Parameter Topological Invariants of Data	St. Olaf College	9/1/2015	8/31/2018	\$57,303
Brody, Carlos D.	AWD1004673	Grant	Neural Circuit Underlying Decisions Driven by Accumulation of Evidence	NIH NIMH	9/2/2015	5/31/2020	\$1,994,000
Wang, Samuel Sheng-Hung	AWD1004620	Grant	Use of Calcium Indicator Proteins in Spike Counting Mode	NIH NEI	9/30/2015	8/31/2018	\$475,737
Cohen, Jonathan D.	AWD1004693	Grant	Toward a Scientific Understanding of the Human Capacity for Cognitive Control	The John Templeton Foundation	12/1/2015	11/30/2018	\$2,997,571
Wang, Samuel Sheng-Hung	AWD1005086	Grant	Systems Biology of Autism: The Case for the Cerebellum	Children's Hospital Boston	12/1/2015	11/30/2017	\$347,600
Kastner, Sabine	AWD1005021	Grant	Brain Rhythms in Cognition: a Collaborative Network (JSMF#220020448)	University of Oxford	1/1/2016	12/31/2020	\$400,000
Seung, Hyunjune Sebastian	AWD1004767	Contract	Petascale Neural Circuit Reconstruction- Parent	Intell. Advanced Rsrch Projects Activity	1/15/2016	1/14/2021	\$14,123,112
Turk-Browne, Nicholas B.	AWD1004717	Grant	How the Brain Uses Prior Knowledge to Shape Perception	Netherlands Org for Scientific Rsrch	4/1/2016	3/31/2017	\$72,093
Brody, Carlos D.	AWD1004793	Grant	Neural Mechanisms Underlying Flexible Decision-Making	The Simons Foundation	5/1/2016	4/30/2019	\$234,150
Witten, Ilana Basya	AWD1004797	Grant	Dissecting Neural Circuits that Encode Social Behaviors	The Simons Foundation	5/1/2016	4/30/2019	\$234,150
Kastner, Sabine	AWD1004900	Grant	Neural Mechanisms of Attention	NIH NIMH	5/1/2016	1/31/2021	\$2,081,415
Murthy, Mala	AWD1004859	Grant	Auditory Coding Contributing to Drosophila Behavior	Jane Coffin Childs Mem. Fund/Med. Resr.	7/1/2016	6/30/2019	\$163,000
Daw, Nathaniel Douglass	AWD1004960	Grant	CRCNS: Computational and Neural Mechanisms of Memory-guided Decisions	NIH NIDA	7/1/2016	6/30/2019	\$982,371
Wang, Samuel Sheng-Hung	AWD1005073	Grant	Effects of Cerebellar Perturbation on Neocortical Adaptation to Post-traumatic Brain Injury	NJ Commission on Brain Injury Research	7/1/2016	8/31/2017	\$201,744
Norman, Kenneth Andrew	AWD1005188	Grant	Enhancing Neuroscience Diversity with the Tennessee State University - Neuroscience Education and Research Vanderbilt Experience: TSU-NERVE	Tennessee State University	7/1/2016	8/31/2016	\$12,000
Seung, Hyunjune Sebastian	AWD1005311	Grant	Circuit Mechanisms Underlying Persistent Activity in a Neural Integrator	Weill Medical College of Cornell Univ	8/1/2016	7/31/2017	\$875,384
Seung, Hyunjune Sebastian	AWD1004996	Cooperative Agreement	Retinal Connectome: Mobile Game and Crowdsourcing Algorithms for EyeWire II	NIH NCI	8/8/2016	7/31/2018	\$641,800

Princeton Neuroscience Institute (PNI) (5)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Graziano, Michael Steven	AWD1004964	Grant	Gender and Temporoparietal Network Interactions in Autism	The Simons Foundation	9/1/2016	11/30/2017	\$70,000
Daw, Nathaniel Douglass	AWD1005105	Grant	Neural Foundations of Expertise Based on Optimal Decision-Making, Physical Control and Responses to Stress	University of CA at Santa Barbara	9/1/2016	8/31/2019	\$665,000
Daw, Nathaniel Douglass	AWD1005261	Grant	Dissecting Learning: Combining Experimental and Computational Approaches	James S. McDonnell Foundation	9/1/2016	9/1/2018	\$190,157
Niv, Yael	AWD1005062	Grant	Orbitofrontal Cortex as a Cognitive Map of Task States	NIH NIDA	9/15/2016	6/30/2021	\$1,822,500
Constantinople, Christine M.	AWD1005088	Grant	Neural Mechanisms of Probability Estimation During Decision-Making	NIH NIMH	9/16/2016	8/31/2018	\$260,280
Norman, Kenneth Andrew	AWD1005008	Grant	Computational, Neural, and Behavioral Studies of Competition-Dependent Learning	NIH NIMH	9/19/2016	6/30/2021	\$2,343,192
Berry II, Michael James	AWD1005076	Grant	Temporal Sequence Learning in the Cortex	NIH NEI	9/30/2016	8/31/2018	\$445,500
Hasson, Uri	AWD1005219	Grant	Speaker-Listener Coupling: A Novel Neural Approach for Assessing Communication	NIH NICHD	9/30/2016	7/31/2021	\$5,670,001
Murthy, Mala	AWD1005064	Contract	Research Focus: Neural Computations and Mechanisms for Acoustic Communication	Howard Hughes Medical Institute	11/1/2016	10/31/2021	\$1,500,000
Tank, David W.	AWD1005131	Grant	Functional Dissection of Neural Circuitry Underlying Depression-Related Feeding Dysfunction	Brain and Behavior Research Foundation	1/15/2017	1/14/2019	\$70,000
Brody, Carlos D.	AWD1005354	Grant	Swartz Initiative in Theoretical Neuroscience	The Swartz Foundation	2/1/2017	1/31/2018	\$135,835
Norman, Kenneth Andrew	AWD1005265	Grant	Neural Dynamics Supporting Integration and Recall Over Long Timescales During Natural Continuous Input	NIH NIMH	2/15/2017	11/30/2021	\$2,433,007
Brody, Carlos D.	AWD1005254	Grant	Large- and Meso-Scale Cortical Dynamics Underlying Evidence Accumulation and Decision-Making	NIH NINDS	4/1/2017	3/31/2020	\$177,222
Witten, Ilana Basya	AWD1005257	Grant	Clarifying the Role of a Corticolimbic Projection in Cocaine-Seeking	NIH NIDA	4/1/2017	3/31/2020	\$177,222
Hasson, Uri	AWD1005310	Grant	Brain-to-Brain Dynamical Coupling: A New Framework for the Communication of Social Knowledge	NIH NIMH	4/1/2017	3/31/2022	\$2,498,878
Kastner, Sabine	AWD1005356	Grant	Neurobiology and Dynamics of Active Sensing	The Trustees of Columbia University	4/15/2017	3/31/2022	\$1,087,100
Murthy, Mala	AWD1005250	Grant	Neural Correlates of Social Decision Making	The Simons Foundation	5/1/2017	4/30/2020	\$234,150
Kastner, Sabine	AWD1005302	Grant	Reorganization of Visual Function in Patients with Posterior Cortical Resection: Selectivity and Plasticity	Carnegie Mellon University	5/1/2017	4/30/2021	\$24,016

Princeton Plasma Physics Laboratory

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Drapkin, Svetlana	CNV1000084	Contract	Plasma Physics Laboratory	DOE - Chicago	1/1/2000	6/30/2020	\$3,540,920,382

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Levy	CNV1001775	Grant	Social Interactions, Identity and Well-Being	Canadian Institute for Advanced Research	7/1/2011	8/1/2023	\$132,500
Shafir, Eldar	CNV1001776	Grant	Social Interactions, Identity and Well-Being Program	Canadian Institute for Advanced Research	7/1/2011	8/1/2023	\$150,000
Paluck, Elizabeth Levy	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	11/30/2017	\$959,536
Paluck, Elizabeth Levy	CNV1002636	Grant	Social networks and climates of conflict	NSF - National Science Foundation	8/1/2013	7/31/2017	\$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
Haushofer, Johannes Andreas	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	AWD1004019	Grant	The Psychology of Scarcity: A Research Proposal	Alfred P. Sloan Foundation	9/1/2014	9/1/2017	\$577,544
Shafir, Eldar	AWD1004543	Grant	Parent: The Psychology of Scarcity: A Research Proposal	Russell Sage Foundation	12/1/2014	11/30/2016	\$0
Shafir, Eldar	AWD1004241	Grant	Some Implications of Scarcity Thinking	NSF - National Science Foundation	12/15/2014	11/30/2019	\$813,966
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
Lew-Williams, Casey	AWD1004410	Grant	Bilingual Infants' and Toddlers' Processing of Mixed Language	NIH NICHD	5/15/2015	4/30/2017	\$147,268
Tamir, Diana I.	AWD1004568	Grant	Identifying the Role of Simulation in Imagination Expertise	Imagination Institute	7/1/2015	7/1/2017	\$200,000
Emberson, Lauren L.	AWD1004538	Grant	Role of Statistically Induced Changes in Sensory Cortex in Perceptual Development	NIH NICHD	9/1/2015	8/31/2018	\$738,029
Haushofer, Johannes Andreas	AWD1004741	Grant	How Does Stress Affect Health Behaviors: Preferences, Beliefs, or Constraints?	NIH NINR	9/28/2015	6/30/2018	\$2,087,936
Lew-Williams, Casey	AWD1005055	Contract	Prevention of Developmental Disabilities	NJ Dept of Human Services	7/1/2016	6/30/2017	\$50,000
Lew-Williams, Casey	AWD1005246	Grant	Is Cerebellar Dysfunction A Biomarker for Early Signs of Autism and Related Disorders?	Rutgers University - New Brunswick	7/1/2016	6/30/2018	\$31,390
Cohen, Jonathan D.	AWD1005066	Grant	The Role of the Locus Coeruleus in Decision-Making Under Uncertainty	NIH NIMH	9/1/2016	8/31/2018	\$87,152

Psychology (2)ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Junge, Justin Anthony	AWD1004999	Grant	Collaborative Research: From knowledge Consumers to Knowledge Producers: A Scalable Experiential Learning Approach for Psychology and Related Disciplines	NSF - National Science Foundation	10/1/2016	9/30/2020	\$172,565
Pronin, Emily	AWD1005295	Grant	Expert Bias: Perceptions, Misperceptions, and Their Implications	Arizona State University	5/1/2017	4/30/2020	\$87,858

Sociology

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Centeno, Miguel Angel	AWD1004470	Grant	Social Organization of Cities and Innovative Theories and Methods from Complexity Science	James S. McDonnell Foundation	7/1/2015	6/30/2017	\$200,000
Stewart, Brandon Michael	AWD1004657	Contract	Computational Measures of Engagement Across Difference in Online Courses	Harvard University	7/1/2015	4/30/2018	\$85,381
Vertesi, Janet Amelia	AWD1004559	Grant	EAGER: The Europa Mission: Cyber-Human Systems in Formation	NSF - National Science Foundation	9/1/2015	8/31/2018	\$278,743
Portes, Alejandro	AWD1004486	Grant	ILSEG- Wave III	The Spencer Foundation	12/1/2015	2/28/2017	\$59,800
Vertesi, Janet Amelia	AWD1004902	Grant	Pricing the Priceless Spacecraft: The Social Life of Money in Robotic Planetary Exploration	NSF - National Science Foundation	7/1/2016	6/30/2018	\$289,995
Zelizer, Viviana Adela	AWD1005238	Grant	Doctoral Dissertation Research: Refugee Adaptation in the United States, Canada and Italy	NSF - National Science Foundation	4/1/2017	3/31/2018	\$12,000
Duneier, Mitchell	AWD1005237	Grant	Doctoral Dissertation Research: Community Revitalization and Race Relations in Northwest	NSF - National Science Foundation	5/1/2017	4/30/2018	\$10,740

Teacher Preparation

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Campisano, Christopher John	AWD1004735	Grant	New Jersey Scholarship and Transformative Education in Prisons (NJ STEP)	Rutgers University - New Brunswick	7/1/2015	12/31/2016	\$30,000
Catena, Anne N.	AWD1004753	Grant	Teachers as Leaders and Learners	Rider University	9/1/2015	7/31/2016	\$37,961
Catena, Anne N.	AWD1005193	Contract	Building Teacher Leadership Continuation	Rider University	8/1/2016	7/31/2017	\$41,007

University Health Services

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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	CNV1002735	Grant	Head Impact Exposures in Lacrosse Players	US Lacrosse Foundation	7/1/2013	6/30/2017	\$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	6/30/2017	\$7,600
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	12/31/2016	\$364,376
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	9/14/2017	\$342,533

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ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Friedberg, Aaron Louis	CNV1000191	Grant	Research Program in International Security	Smith Richardson Foundation, Inc.	7/1/2001	6/30/2017	\$153,592
Friedberg, Aaron Louis	CNV1000409	Grant	Training the Next Generation of Strategists: Strengthening Strategic Studies at Princeton	The Lynde and Harry Bradley Fdn., Inc.	12/10/2007	12/31/2017	\$99,000
Friedberg, Aaron Louis	CNV1000510	Grant	Understanding China's Grand Strategy	The Lynde and Harry Bradley Fdn., Inc.	7/1/2008	12/31/2017	\$40,000
Ikenberry III, Gilford John	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	11/30/2016	\$200,285
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	\$1,801,492
McLanahan, Sara	CNV1002724	Grant	Future of Children: Military Children and Families Volume	Foundation for Child Development	4/1/2013	12/31/2016	\$50,002
Mian, Zia	CNV1002650	Grant	Science & Global Security	The John D. & Catherine T. MacArthur Fdn	6/1/2013	5/31/2017	\$150,053
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	7/31/2017	\$939,276
Christensen, Thomas J.	CNV1002922	Grant	Princeton-Harvard China and the World Program	Carnegie Corporation of New York	1/1/2014	12/31/2016	\$481,099
Christensen, Thomas J.	CNV1003007	Grant	Princeton-Harvard China and the World Program	The John D. & Catherine T. MacArthur Fdn	1/1/2014	12/31/2017	\$500,600
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
Danspeckgruber, Wolfgang Franz	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	9/30/2016	\$585,447
Moll, Benjamin	AWD1004085	Grant	2014 Kauffman Junior Faculty Fellow	Ewing Marion Kauffman Foundation	8/1/2014	9/30/2016	\$35,000
Shapiro, Jacob N.	AWD1004210	Grant	Deterrence with Proxies	University of California at San Diego	9/1/2014	8/31/2017	\$628,112
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	\$1,002,430
McLanahan, Sara	AWD1004327	Grant	Future of Children: Education for Children from Pre-K to Third Grade	Foundation for Child Development	12/1/2014	6/30/2017	\$125,000
Widner, Jennifer Anne	AWD1004301	Contract	Research Proposal: Princeton University and the French Development Agency	French Agency for Development	1/1/2015	12/31/2016	\$231,250

Woodrow Wilson School (WWS) (2)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
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	\$100,083
Shapiro, Jacob N.	AWD1004563	Grant	Punjab Economic Opportunity Programme: Evaluating Markets for Skill Acquisition and Employment	Harvard University	2/1/2015	11/30/2017	\$69,216
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	\$1,758,359
Christensen, Thomas J.	AWD1004577	Grant	Bradley Foundation Fellowship Program for the Meritorious Support for Graduate Students and Post-Graduate Fellows	The Lynde and Harry Bradley Fdn., Inc.	7/1/2015	6/30/2017	\$25,020
Mian, Atif Rehman	AWD1004498	Grant	Impact of the Great Rise in Finance on Resource Allocation and Employment	Washington Center for Equitable Growth	9/1/2015	11/30/2016	\$60,000
Itskhoki, Oleg	AWD1004391	Grant	Sloan Research Fellowships	Alfred P. Sloan Foundation	9/15/2015	9/14/2017	\$50,000
Itskhoki, Oleg	AWD1004495	Grant	Sloan Research Fellowship -- Oleg Itskhoki	Alfred P. Sloan Foundation	9/15/2015	9/14/2017	\$0
Searchinger, Timothy D.	AWD1004648	Grant	Analyzing and Communicating Global Bioenergy and Land Use Demands	The David and Lucile Packard Foundation	10/19/2015	10/31/2017	\$250,610
Friedberg, Aaron Louis	AWD1004686	Grant	Bradley Graduate and Post-Graduate Fellowship Program for 2015-2016	The Lynde and Harry Bradley Fdn., Inc.	11/17/2015	11/15/2017	\$25,005
McLanahan, Sara	AWD1004697	Grant	Future of Children: Social-Emotional Learning	The Wallace Foundation	12/15/2015	12/14/2017	\$150,542
Howard, Heather Harding	AWD1004706	Grant	State Health and Value Strategies Program	Robert Wood Johnson Foundation	1/1/2016	6/30/2017	\$1,977,017
Widner, Jennifer Anne	AWD1004729	Contract	British Academy: Anti-Corruption Evidence	The British Academy	1/1/2016	12/31/2017	\$530,563
Widner, Jennifer Anne	AWD1004829	Grant	Evaluation of Liberia's President's Young Professional Program	Open Society Foundations	3/1/2016	8/31/2016	\$54,689
Shapiro, Jacob N.	AWD1004825	Contract	Evaluating the Impact of Stabilization Programming in Afghanistan	U.S. Institute of Peace	3/18/2016	6/30/2017	\$304,616
Mian, Zia	AWD1004821	Grant	Strengthening Non-proliferation Efforts in the Middle East by Supporting Full Implementation of the Iran Nuclear Deal, promoting US-Iran Cooperation and New Security Structures in the Persian Gulf Reg	Rockefeller Brothers Fund, Inc.	5/1/2016	4/30/2017	\$95,000
Oppenheimer, Michael	AWD1004839	Grant	"How Scientists Shape Science-Based Environmental Assessments for Policy"	NSF - National Science Foundation	5/1/2016	4/30/2019	\$95,921
McLanahan, Sara	AWD1004836	Grant	Future of Children: " Reducing Justice System Inequality"	William T. Grant Foundation	7/1/2016	6/30/2018	\$100,000

Woodrow Wilson School (WWS) (3)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Harding	AWD1004912	Grant	Advancing Health Insurance Coverage in States through Technical Assistance, with an Emphasis on Medicaid Expansion	Robert Wood Johnson Foundation	7/1/2016	3/31/2017	\$377,203
Widner, Jennifer Anne	AWD1004942	Contract	Land Registry Management & Innovations in Land Registration	Omidyar Network	7/22/2016	10/31/2017	\$326,396
Christensen, Thomas J.	AWD1005026	Grant	Bradley Foundation Fellowship Program for the Meritorious Support for Graduate Students and Post-Graduate Fellows	The Lynde and Harry Bradley Fdn., Inc.	9/1/2016	8/31/2018	\$50,030
Friedberg, Aaron Louis	AWD1005028	Grant	Bradley Graduate and Post-Graduate Fellowship Program for 2016-2017	The Lynde and Harry Bradley Fdn., Inc.	9/1/2016	8/31/2017	\$25,066
McLanahan, Sara	AWD1005128	Grant	Reducing Justice System Inequality	Annie E. Casey Foundation	9/1/2016	8/31/2017	\$50,341
Widner, Jennifer Anne	AWD1005085	Contract	Tunisia Freedom of Information/Open Data	The World Bank	9/5/2016	12/31/2016	\$31,800
Moll, Benjamin	AWD1004914	Grant	Sloan Research Fellowship in Economics	Alfred P. Sloan Foundation	9/15/2016	9/14/2018	\$55,000
Kolesar, Michal	AWD1005024	Grant	Collaborative Research: Honest Inference and Efficiency Bounds for Nonparametric Regression and Approximate Moment Condition Models	NSF - National Science Foundation	9/15/2016	8/31/2019	\$199,260
Shapiro, Jacob N.	AWD1005032	Contract	Understanding Risk and Resilience to Violent Conflicts	The World Bank	9/20/2016	8/30/2017	\$160,000
Danspeckgruber, Wolfgang Franz	AWD1005045	Grant	Core Support to the Liechtenstein Institute on Self-Determination	Carnegie Corporation of New York	10/1/2016	9/30/2018	\$502,725
Widner, Jennifer Anne	AWD1005072	Contract	Organizing the U.S. Government Response to the West African Ebola Outbreak: Improving Public Management	IBM Ctr for The Business of Government	10/1/2016	3/31/2017	\$20,000
Shafir, Eldar	AWD1005274	Contract	Improving Federal Policy Effectiveness with the Social and Behavioral Science	ideas42	10/1/2016	9/30/2017	\$51,150
Mian, Zia	AWD1005115	Grant	Project on Peace and Security in South Asia: Research, Collaboration and Education for Reducing Nuclear Dangers in South Asia	New-Land Foundation	11/22/2016	12/31/2017	\$50,000
Christensen, Thomas J.	AWD1005152	Contract	China and the World Program	Carnegie Corporation of New York	1/1/2017	12/31/2019	\$895,734
Howard, Heather Harding	AWD1005124	Grant	Advancing Health Insurance Coverage in States through Technical Assistance, with and Emphasis on Medicaid Expansion, 2017	Robert Wood Johnson Foundation	1/15/2017	6/30/2017	\$379,200

Woodrow Wilson School (WWS) (4)

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Mian, Zia	AWD1005236	Grant	Strengthening Non-proliferation Efforts in the Middle East by Supporting Implementation of the Iran Nuclear Deal, and Promoting US-Iran Cooperation, a Middle East Nuclear Weapon Free Zone and New Sec	Rockefeller Brothers Fund, Inc.	3/23/2017	3/23/2018	\$100,000
Searchinger, Timothy D.	AWD1005243	Grant	Analyzing and Communicating The Greenhouse Gass, Land Use, and Food Supply Consequences Of Bioenergy	The David and Lucile Packard Foundation	4/1/2017	3/31/2018	\$135,000
Shapiro, Jacob N.	AWD1005244	Grant	Spectral Models of Security: New Methods for Detecting Evolving Community Structure in Societal-Scale Data	University of California at Berkeley	4/1/2017	3/31/2020	\$193,497
Glaser, Alexander	AWD1005266	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	4/1/2017	3/31/2021	\$2,050,000
Christensen, Thomas J.	AWD1005332	Grant	Crafting Payoffs: Strategies and Effectiveness of China's Economic Statecraft	Smith Richardson Foundation, Inc.	4/1/2017	4/1/2018	\$7,500
Mian, Zia	AWD1005363	Grant	Strengthening Non-proliferation Efforts in the Middle East by Supporting Implementation of the Iran Nuclear Deal, and Promoting US-Iran Cooperation, a Middle East Nuclear Weapon Free Zone ...	Ploughshares Fund	6/30/2017	6/29/2018	\$90,000

WWS - Office of Population Research

ACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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>
Goldman, Noreen	CNV1000716	Grant	Biodemography of Health, Social Factors and Life Challenge	NIH NIA	7/1/2009	12/31/2016	\$2,922,923
McLanahan, Sara	CNV1002111	Grant	Fragile Families and Child Wellbeing in Adolescence	NIH NICHD	9/17/2012	6/30/2018	\$8,461,080
Salganik, Matthew J.	CNV1002059	Grant	Improvements to the Network Scale-Up Method for Studying Hard-To-Reach Populations	NIH NICHD	9/27/2012	9/30/2017	\$523,395
McLanahan, Sara	AWD1004081	Grant	Effects of Poverty on Affective Development: A Multi Level, Longitudinal Study	University of Michigan	6/6/2014	5/31/2017	\$114,905
McLanahan, Sara	AWD1004102	Grant	Doctoral Dissertation Research: The Effects of Class and Motherhood in Families and the Labor Market	NSF - National Science Foundation	9/1/2014	8/31/2016	\$11,939
Massey, Douglas S.	AWD1004214	Grant	Infrastructure for the Office of Population Research	NIH NICHD	9/24/2014	5/31/2019	\$1,992,600
Currie, Janet Marion	AWD1004293	Grant	Princeton Center for Translational Research on Aging	NIH NIA	9/30/2014	5/31/2019	\$2,217,530
McLanahan, Sara	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.	AWD1004576	Grant	Public Use Data on Mexican Immigration	NIH NICHD	7/1/2015	6/30/2020	\$3,322,049
Xie, Yu	AWD1004728	Grant	Heterogeneous Treatment of Effects in Demographic Research	NIH NICHD	12/18/2015	5/31/2018	\$872,040
Massey, Douglas S.	AWD1004828	Grant	Service Delivery Factors Influencing Contraceptive Use Dynamics in Developing Countries: A Mixed-Methods and Cross-Disciplinary Approach	NIH NICHD	4/1/2016	8/31/2016	\$53,540
Salganik, Matthew J.	AWD1005023	Grant	Creating an Open Review Toolkit for Academic Books	Alfred P. Sloan Foundation	9/1/2016	8/31/2018	\$20,000
Conley, Dalton	AWD1005071	Grant	GxE and Health Inequality Over the Life Course	Russell Sage Foundation	9/1/2016	8/31/2017	\$132,997
Conley, Dalton	AWD1005111	Contract	Connected Learning Research Network	University of California at Irvine	9/1/2016	10/31/2017	\$196,662
Salganik, Matthew J.	AWD1005191	Grant	The Fragile Families Challenge: A Scientific Mass Collaboration to Improve the Lives of Disadvantaged Children in the United States	Russell Sage Foundation	2/1/2017	11/30/2017	\$45,890

WWS - Survey Research CenterACTIVE SPONSORED AWARDS

7/1/2016 - 6/30/2017

<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 Patrick	CNV1002718	Grant	Careers of Holders of the PhD in the Humanities	The Andrew W. Mellon Foundation	4/1/2013	8/31/2016	\$501,267
Krueger, Alan B.	AWD1005259	Grant	Measurement of Alternative and Contingent Work	Alfred P. Sloan Foundation	4/1/2017	3/31/2018	\$383,891