



MONTCLAIR STATE UNIVERSITY

Office of Research and Sponsored Programs

ANNUAL REPORT: FISCAL YEAR 2013

Report of Sponsored Programs Activity for the Period
07/01/12-06/30/13

Prepared by the Office of Research and Sponsored Programs
Fall 2013

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Mission Statement and Report Overview: The Mission of the Office of Research and Sponsored Programs (ORSP) is to encourage, facilitate and support MSU faculty and staff in their pursuit of external funding for their research, education, training, and other scholarly activities. ORSP provides high-quality services to the MSU community with the goal of increasing externally sponsored funding for research and other programs while also protecting the University's interests in assuring compliance with federal and state laws, rules, and regulations.

This report will highlight sponsored programs activities for the period 07/01/12 to 06/30/13(FY 13), providing comparative FY 12/FY 13 summary as well as additional historical trend data. Expanding on previous year's reports, this report will also provide: 1.) Detailed information about the nature and type of sponsored program activities. 2.) Data on student, post-doctoral and trainee involvement in sponsored program activities.

The Year in Brief: FY 2013's award total of \$9.05M follows FY 2012's record high \$11.37M in new and continuing awards. While FY 13 is the 2nd highest award year in the last 10 years, the decline in award volume can be attributed to a number of internal and external factors in FY 13—several larger projects expired in FY 13, and of course, the federal funding landscape has changed significantly as a result of the federal sequester with an across the board reduction of available research funding of approximately 5%.

Despite the decrease, it's important to note that the total of MSU's *competitively* reviewed awards to federal sponsors in FY 13 *exceeded* FY 12's figure by 15%, for total of \$5.8M. This increase was highlighted by a near 79% increase in funding from the National Science Foundation. Building on the success of the previous year, university faculty and staff continue to submit high quality, *competitive* proposals. In addition, a new high of 151 proposals was submitted in FY 13, representing a 7.1% increase from FY 12. The university's very popular and successful internal awards program continued in FY 13 and provided a total of \$138,970 to 41 MSU faculty and staff in support of their research and other scholarly activities and interests in FY 14.

ORSP Initiatives in FY 13: ORSP completed the long awaited "[Sponsored Programs Handbook: A Guide for Principal Investigators and Project Directors](#)." From "finding funding," to "award closeout," the handbook is a comprehensive guide that will assist those interested in identifying, applying to, and managing their grants and sponsored programs. This handbook is a "living document." As such, it will be updated regularly to reflect the most recent changes in applying for and receiving sponsored program funding here at MSU.

In FY 13, ORSP co-hosted with University Advancement, the 1st Annual "[Grant Recognition Event](#)" in recognition of University faculty and staff who pursue external sponsorship in support of their research, scholarly, and service activities.

[ORSP's FY 13 Workshop Series](#) included workshops on locating funding opportunities, award management, and the continuing internal awards program. And, for the first time, ORSP and the Office of Grant Accounting held a joint workshop on award management, and jointly participated in the new faculty orientation as well.

In the summer of 2013 ORSP, conducted its 2nd Assessment Survey in which 186 respondents participated. The results indicated that university faculty and staff who use ORSP's services continue to express a high level of satisfaction. (Up 12% from the FY 2011 Assessment survey!)

On behalf of ORSP, I congratulate MSU faculty and staff on their creative and impactful research and scholarly and community service activities. We look forward to continued success in the year ahead!

Sincerely

Frederic "Ted" Russo, Director, Office of Research and Sponsored Programs

Fiscal Year 2013 "At-a-Glance"
A Summary of FY 13 Sponsored Programs Activity
(with comparative FY 12 information)

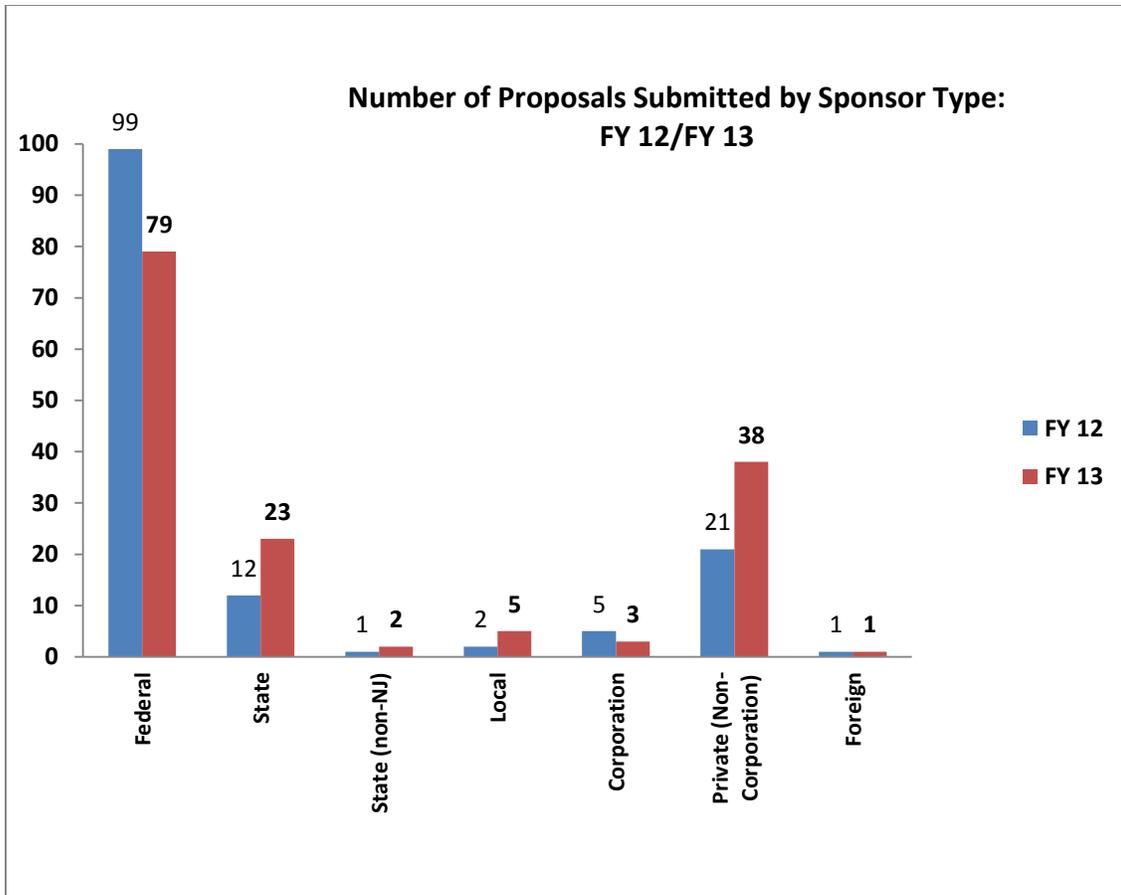
	FY 12	FY 13	% Change
I. Number of Proposal Submissions	141	151	+7.09%
II. Total Proposed Dollar Amount			
Direct Costs*	\$32,228,611	29,174,756	-9.48%
Indirect Costs*	\$6,118,291	5,332,483	-12.84%
Total	\$38,346,902	\$34,507,239	-10.01%
III. Number of Award Actions	71	62	-12.68%
IV. Total Awarded Dollar Amount	FY 12	FY 13	
Direct Costs	\$10,245,801	\$8,125,949	-20.69%
Indirect Costs	\$1,119,649	\$920,949	-17.75%
Total	\$11,365,450	\$9,046,898	-20.40%
V. Expense Activity**	FY 12	FY 13	
Direct Expenses	\$8,235,252	\$10,823,643	+31.43%
Indirect Expenses	\$831,969	\$966,244	+16.14%
Total	\$9,067,221	\$11,789,887	+30.03%

* Direct costs refer to costs that directly support a specific sponsored program (e.g. salaries, equipment, supplies, and travel, etc.). Indirect costs are "common" or shared costs in support of research and other sponsored programs activities at the University that cannot be directly attributed to a specific sponsored program. (Often called "F&A," or overhead—e.g., facilities, administration, utilities, maintenance, administration, library, etc.).

**Expense activity includes research and development (R&D), instructional, training, and programmatic expense activities.

Montclair State University: Proposals Submitted and Proposed Dollar Amount by College/Division (FY 12 & FY 13 Comparative)

College / Division	Fiscal Year 2012 (July 1, 2011-June 30, 2012)				Fiscal Year 2013 (July 1, 2012-June 30, 2013)				% change Total Dollars Proposed (FY 12 to FY 13)
	Number of Proposals Submitted	% of Total Proposals Submitted	Proposed Dollar Amount	% of Total Dollars Proposed	Number of Proposals Submitted	% of Total Proposals Submitted	Proposed Dollar Amount	% of Total Dollars Proposed	
CART	2	1.42%	93,050	0.24%	7	4.64%	234,012	0.68%	151.49%
CEHS	16	11.35%	4,842,349	12.63%	29	19.21%	7,975,609	23.11%	64.71%
CHSS	21	14.89%	6,397,313	16.68%	18	11.92%	3,038,893	8.81%	-52.50%
CSAM	92	65.25%	25,582,514	66.71%	84	55.63%	21,289,552	61.70%	-16.78%
SBUS	3	2.13%	309,482	0.81%	3	1.99%	1,367,306	3.96%	341.80%
RAUL	3	2.13%	239,594	0.62%	4	2.65%	537,766	1.56%	124.45%
GEC	1	0.71%	20,000	0.05%	-	-	-	-	-
LIBRARY SVCS	1	0.71%	5,700	0.01%	3	1.99%	8,700	0.03%	52.63%
SDCL	2	1.42%	856,900	2.23%	2	1.32%	32,001	0.09%	-96.27%
FACILITIES	-	-	-	-	1	0.66%	23,400	0.07%	-
Total	141	100.00%	\$38,346,902	100.00%	151	100.00%	\$34,507,239	100.00%	-10.01%



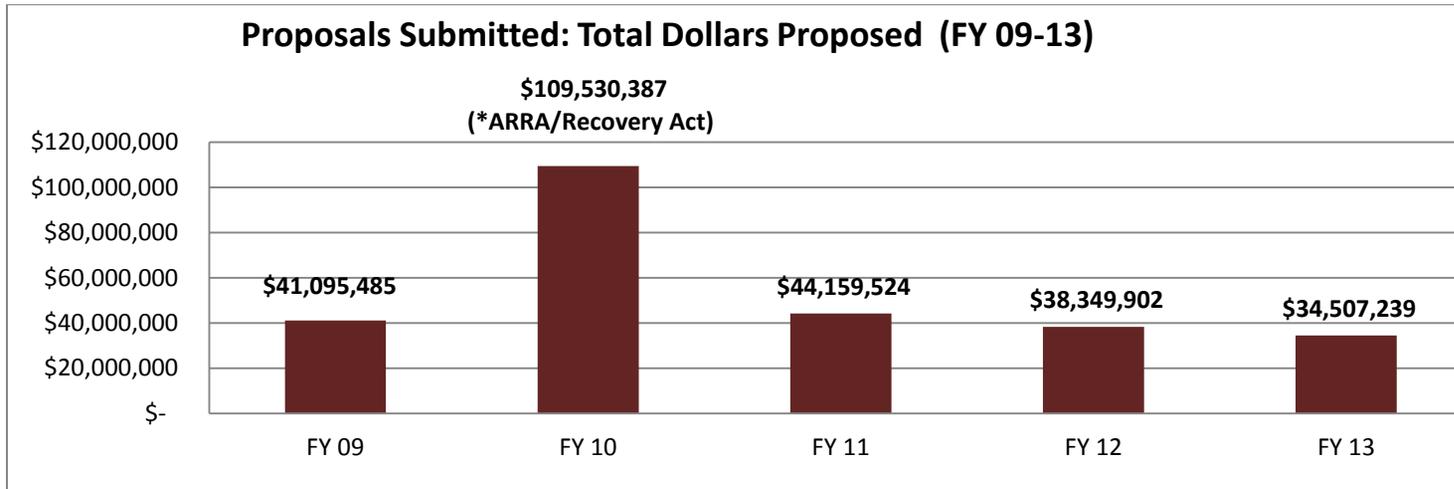
Proposed Dollar Amount by Sponsor Type: FY 12/13 Comparative

	FY 12	FY 13	% change
Federal	\$30,567,096	\$24,852,302	-18.70%
State	\$4,116,336	\$2,256,256	-45.19%
State (non-NJ)	\$8,050	\$40,007	+396.98%
Local	\$192,437	\$302,697	+57.30%
Corporation	\$680,424	\$64,643	-90.50%
Private (Non-Corporation)	\$2,682,559	\$6,961,334	+159.50%
Foreign	\$100,000	\$30,000	-70.00%
Total	\$38,346,902	\$34,507,239	-10.01%

*While the percentage of proposals to federal sponsors occupies approximately 3/4 of total dollars requested, comparisons with FY 12's ORSP annual report, reflects a shifting of the number of proposals submitted from federal sponsors to private (non-corporation) and state sponsors in FY 13. This trend may continue as the federal sequester has impacted the number of available funding opportunity announcements across most federal agencies.

Number of Proposals Submitted and Proposed Dollar Amount by Federal Agency: FY 12/13 Comparative

Sponsor	FY 12			FY 13			% change FY 12/13
	Number	Proposed Amount	% of Total	Number	Proposed Amount	% of Total	
National Science Foundation	47	\$12,704,909	41.56%	39	\$13,826,045	55.63%	8.82%
National Institutes of Health	15	\$7,118,290	23.29%	13	\$3,663,559	14.74%	-48.53%
Department of Education	8	\$5,418,146	17.73%	1	\$235,878	0.95%	-95.65%
Department of Defense	5	\$1,163,298	3.81%	4	\$1,208,041	4.86%	3.85%
Environmental Protection Agency	5	\$797,889	2.61%				
Department of Agriculture	5	\$772,600	2.53%	2	\$700,000	2.82%	-9.40%
Department of Energy	2	\$768,021	2.51%	1	\$150,113	0.60%	-80.45%
National Aeronautics and Space Administration	1	\$452,961	1.48%	3	\$1,004,611	4.04%	121.79%
US Department of the Interior	2	\$180,685	0.59%				
Federal Emergency Management Agency	1	\$158,000	0.52%	1	\$23,400	0.09%	-85.19%
National Endowment for the Arts	1	\$85,000	0.28%	2	\$100,000	0.40%	17.65%
National Security Agency	2	\$55,185	0.18%				
Vietnam Education Foundation	1	\$29,700	0.10%				
National Endowment for the Humanities	2	\$28,775	0.09%	5	\$830,211	3.34%	2785.18%
US Geological Survey	1	\$14,876	0.05%	4	\$37,980	0.15%	155.31%
NOAA				1	\$685,139	2.76%	
IARPA	1	\$818,761	2.68%				
USAID				2	\$1,762,325	7.09%	
SAMSHA				1	\$625,000	2.51%	
Totals	99	\$30,567,096	100.00%	79	\$24,852,302	100.00%	-18.70%



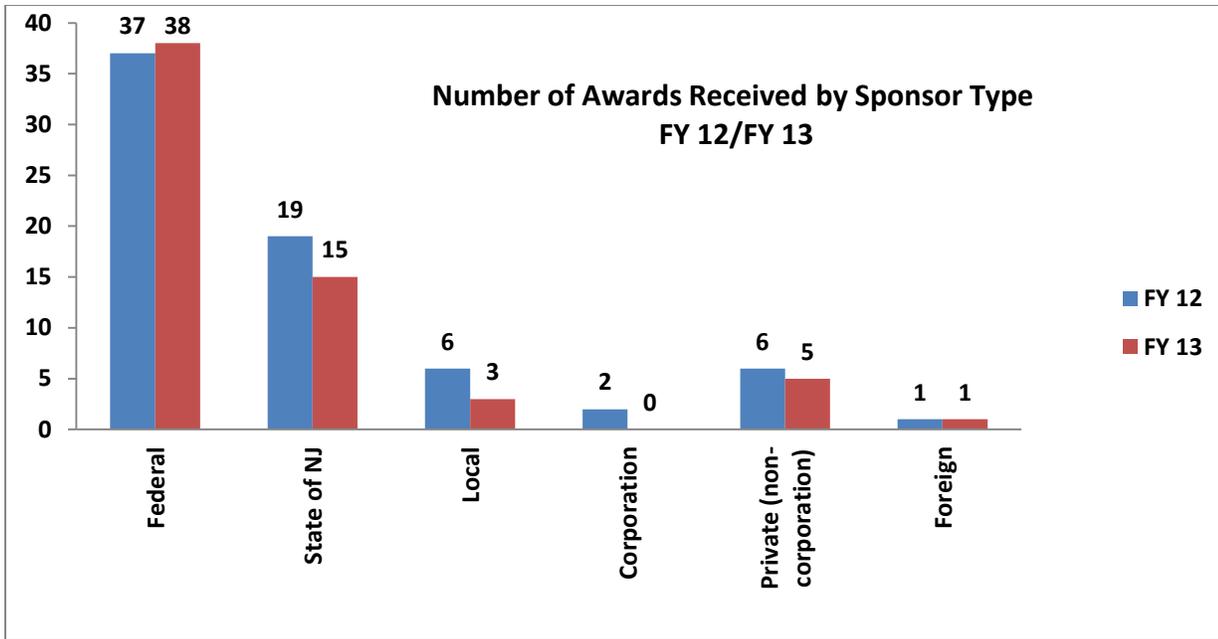
Proposals Submitted: Total Dollar Volume by College/Division (FY 09-13)

<u>College / Division</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>
College of the Arts (CART)	402,337	90,000	75,000	93,050	234,012
College of Education and Human Services (CEHS)	5,126,617	16,319,457	5,028,492	4,842,349	7,975,609
College of Humanities and Social Sciences (CHSS)	3,690,179	2,560,913	2,687,570	6,397,313	3,038,893
College of Science and Mathematics (CSAM)	29,732,692	60,405,552	31,282,057	25,585,514	21,289,552
School of Business (SBUS)	16,942	5,000	4,039,531	309,482	1,367,306
Research Academy of University Learning (RAUL)	-	557,530	551,039	239,594	537,766
Global Education	-	-	-	20,000	-
Library Services	-	-	-	5,700	8,700
*Admin. and Student Svcs.	2,126,718	29,591,935	-	-	-
Student Development and Campus Life (SDCL)	-	-	495,835	856,900	32,001
Facilities (Fire Safety)	-	-	-	-	23,400
Totals:	\$ 41,095,485	\$ 109,530,387	\$ 44,159,524	\$ 38,349,902	\$ 34,507,239

*Prior to FY 11, Global Education, Library Services, and Student Development and Campus Life were reported under "Administration and Student Services"

Montclair State University: Awards Received and Awarded Dollar Amount by College/Division (FY 12 & FY 13 Comparative)

College / Division	Fiscal Year 2012 (July 1, 2011-June 30, 2012)				Fiscal Year 2013 (July 1, 2012-June 30, 2013)				% change Total Dollars Awarded (FY 12 to FY 13)
	Number of Awards Received	% of Total Awards Received	Awarded Dollar Amount	% of Total Dollars Awarded	Number of Awards Received	% of Total Awards Received	Awarded Dollar Amount	% of Total Dollars Awarded	
CART	4	6%	162,341	1.43%	3	4.84%	87,341	0.97%	-46.20%
CEHS	18	25%	5,422,564	47.71%	14	22.58%	2,961,359	32.73%	-45.39%
CHSS	14	20%	2,347,838	20.66%	8	12.90%	2,106,217	23.28%	-10.29%
CSAM	30	42%	3,105,785	27.33%	32	51.61%	3,679,874	40.68%	18.48%
SBUS	1	1%	110,000	0.97%	-	-	-	-	-
RAUL	1	1%	199,538	1.76%	2	3.23%	202,107	2.23%	1.29%
GEC	1	1%	15,500	0.14%	-	-	-	-	
LIBRARY SVCS	-	-	-	-	2	3.23%	3,000	0.03%	-
SDCL	2	3%	1,884	0.02%	1	1.61%	7,000	0.08%	271.55%
Total	71	100.00%	<u>\$11,365,450</u>	100.00%	62	100.00%	\$9,046,898	100.00%	-20.40%



**Total Awards Received by Sponsor Type:
FY 12/13 Comparative**

	FY 12	FY 13	% change
Federal*	\$5,042,600	\$5,814,521	15.31%
State of NJ	\$4,517,065	\$3,017,093	-33.21%
Local	\$1,152,405	\$110,775	-90.39%
Corporation	\$454,286	-	-
Private (non-corporation)	\$99,094	\$74,509	-24.81%
Foreign	\$100,000	\$30,000	-70.00%
Total	\$11,365,450.00	\$9,046,898	-20.40%

*\$5,814,521 in competitively reviewed Federal awards represents a \$771,921 (15%) increase from FY 12.

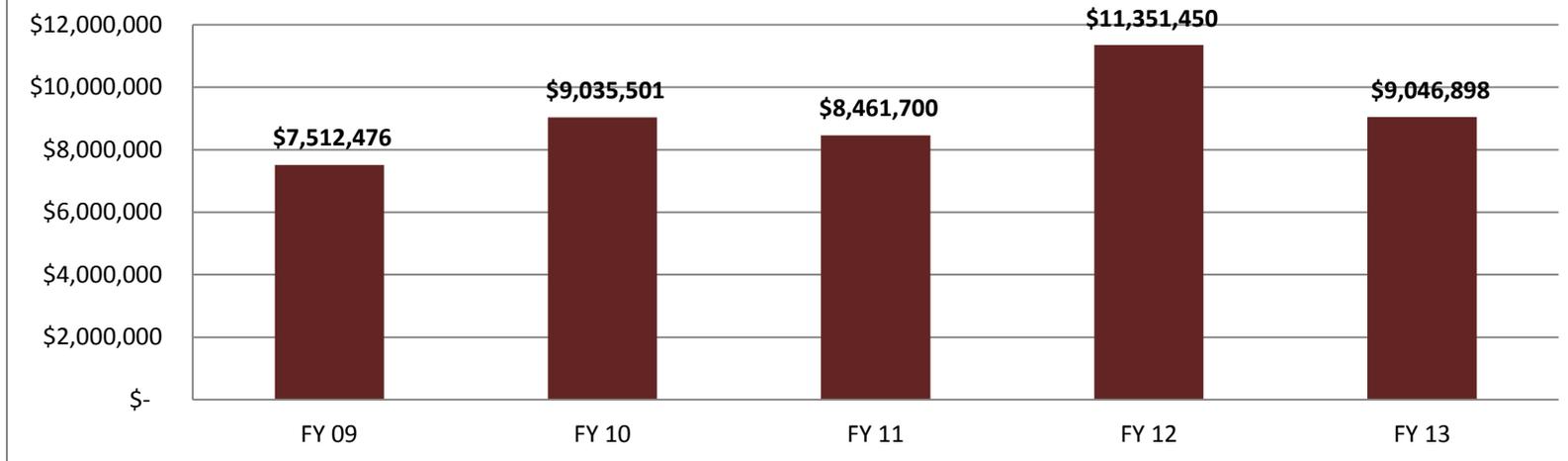
Number of Awards Received and Awarded Amount by Federal Agency: FY 12/13 Comparative

Sponsor	FY 12			FY 13			% change FY 12/13
	Number	Awarded Amount	% Total	Number	Awarded Amount	% Total	
National Science Foundation	15	\$1,349,572	26.76%	14	\$2,411,555	41.47%	78.69%
National Institutes of Health	6	\$938,024	18.60%	2	\$149,618	2.57%	-84.05%
Department of Education	5	\$1,900,456	37.69%	5	\$1,803,267	31.01%	-5.11%
Department of Defense	3	\$129,601	2.57%	2	\$103,416	1.78%	-20.20%
Environmental Protection Agency	-	-	-	1	\$65,014	1.12%	-
Department of Agriculture	-	-	-	1	\$349,963	6.02%	-
Department of Energy	-	-	-	1	\$51,246	0.88%	-
Department of the Interior	-	-	-	1	\$69,673	1.20%	-
National Aeronautics Space Agency	1	\$59,498	1.18%	4	\$399,947	6.88%	572.20%
National Endowment for the Arts	2	\$100,000	1.98%	1	\$25,000	0.43%	-75.00%
National Security Agency	-	-	-	1	\$10,788	0.19%	-
Vietnam Education Foundation	-	-	-	1	\$29,700	0.51%	-
National Endowment for the Humanities	1	\$70,000	1.39%	1			-100.00%
US Geological Survey	2	\$29,834	0.59%	2	\$10,000	0.17%	-66.48%
DHHS/SAMSHA	2	\$465,615	\$0.09	1	\$335,334	5.77%	-27.98%
Totals	37	\$5,042,600	100.00%	38	\$5,814,521	100.00%	15.31%

*Overall, total dollars awarded from the federal government increased by 15.3% in FY 13—this increase is highlighted by a near 79% increase in funding from the National Science Foundation.

In FY 13, MSU Received funding from a significantly broader range of federal agencies to include the National Security Agency; Vietnam Education Foundation; U.S. Dept. of Interior; U.S. Department of Agriculture; Environmental Protection Agency and the U.S. Department of Energy.

Awards Received: Total Dollar Volume (FY 09-13)

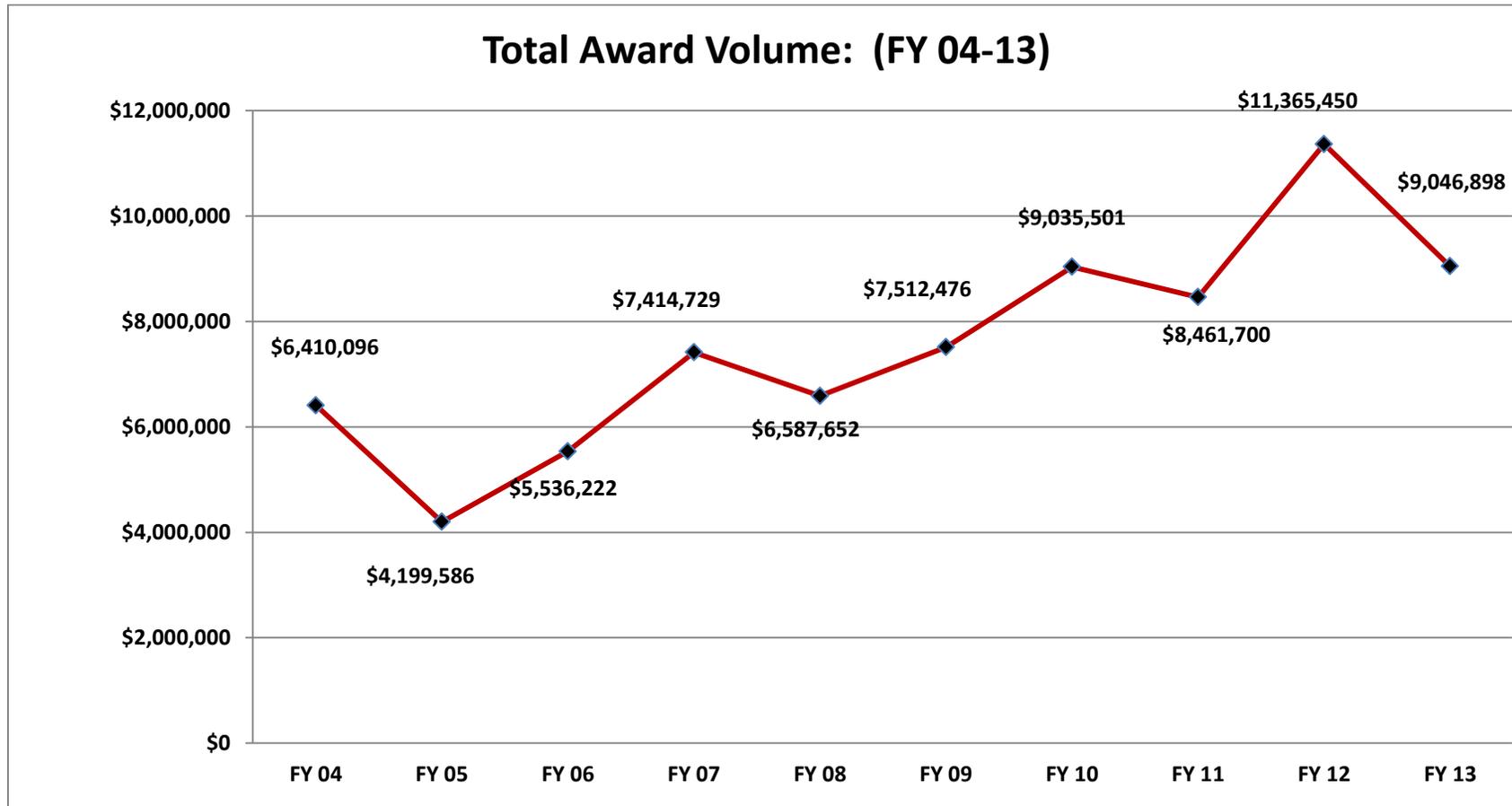


Awards Received: Total Dollar Volume by College/Division (FY 09-13)

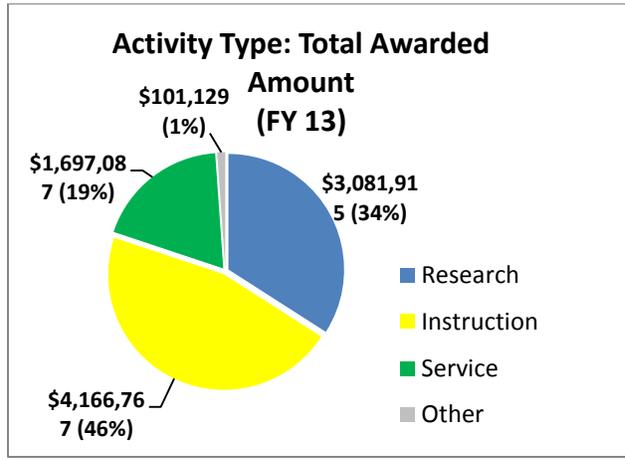
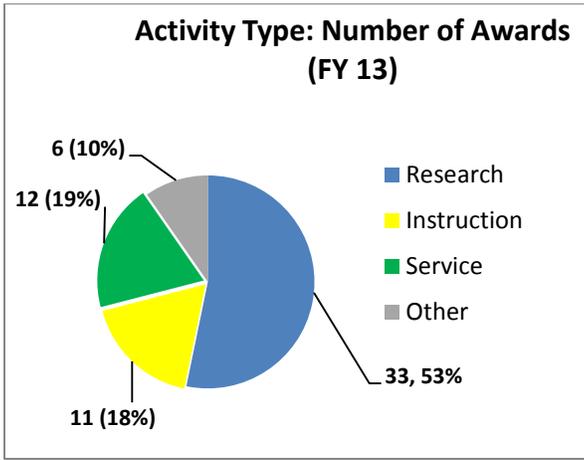
<u>College / Division</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>
College of the Arts (CART)	167,340	106,872	65,622	162,341	87,341
College of Education and Human Services (CEHS)	2,022,860	2,922,640	1,949,121	5,422,564	2,961,359
College of Humanities and Social Sciences (CHSS)	1,137,734	1,725,575	1,899,060	2,347,838	2,106,217
College of Science and Mathematics (CSAM)	4,111,542	4,244,914	4,224,941	3,105,785	3,679,874
School of Business (SBUS)	-	-	-	110,000	-
Research Academy of University Learning (RAUL)	-	-	270,000	199,538	202,107
*Other	73,000	35,500	52,956	3,384	10,000
Totals:	\$ 7,512,476	\$ 9,035,501	\$ 8,461,700	\$ 11,351,450	\$ 9,046,898

*Includes Global Education, Student Development and Campus Life, Library Services

Total Award Volume: FY 03-FY 13



Coming off a record year in FY 12, FY 13 proved to be MSU's 2nd largest award year, to date.



Collaborative Activity: FY 13 Awarded Projects/Programs (Research)

	Number of Projects	Percentage
Single PI/PD	10	30.30%
Interdepartmental	-	-
Intra-departmental	7	21.21%
External Collaborations	16	48.48%
Total	33	100.00%

Collaborative Activity: FY 13 Awarded Projects/Programs (Non-Research)

	Number of Projects	Percentage
Single Project Director	11	37.93%
Interdepartmental	10	34.48%
Intra-departmental	5	17.24%
External Collaborations	3	10.34%
Total	29	100.00%

Training/"Employment" Data on FY 13 Awards by Position

	# of Positions	Total
Student Workers* (Hourly)	62	455,364
Graduate Assistants (Stipend + Tuition)**	23	516,287
Post-Doctoral Associates	3	76,297
Trainees***	157	1,251,799
Totals	245	\$2,299,747.00

*Includes both Graduate and Undergraduate hourly waged assistants.

**Includes Graduate Assistants paid a monthly stipend and tuition remission to work on a sponsored project. (e.g. Research Assistants)

***Trainees includes student trainees (e.g. NSF REU Fellows), and external trainee/participants (e.g. teacher participants) in MSU service/programmatic activities.

**Montclair State University: Internal Awards Program:
Fiscal Year 2012-Fiscal Year 2014**

Internal Awards	FY 12		FY 13		FY 14	
	Number of Awards	Total Awarded	Number of Awards	Total Awarded	Number of Awards	Total Awarded
Summer Grant Proposal Development Award	15	47,000	9	36,750	10	40,000
Career Development Award	16	56,828			20	55,080
Separately Budgeted Research	11	26,048	11	34,600	8	37,890
Student Faculty Research	5	10,000	7	12,700	3	6,000
Total	47	139,876	27	84,050	41	138,970
<i>Average Award Amount</i>		<u>\$2,976</u>		<u>\$3,113</u>		<u>\$3,389</u>

MONTCLAIR STATE UNIVERSITY

Comparative Summary of Sponsored Program Expense Activity FY 2013 and FY 2012

Natural Expense Category	FY 2013 Expenses	FY 2012 Expenses	% Change
Salary & Wages	5,757,672	3,950,748	45.74%
Fringe Benefits	650,681	540,756	20.33%
Equipment	453,658	147,973	206.58%
Other Direct Expenses	3,961,632	3,595,775	10.17%
Total Direct Expenses	10,823,643	8,235,252	31.43%
Indirect Expenses	966,244	831,969	16.14%
Total Sponsored Program Expenses	\$ 11,789,888	\$ 9,067,221	30.03%

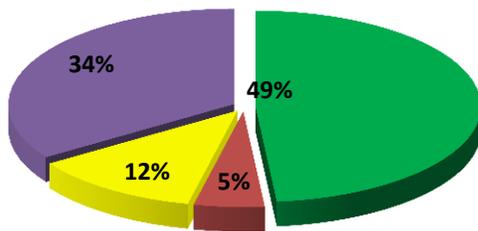
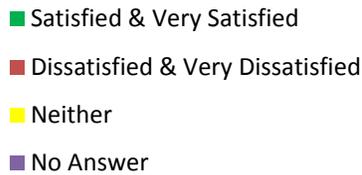
Source: Office of Grant Accounting

***Expense activity includes research and development (R&D), instructional and programmatic expense activities.**

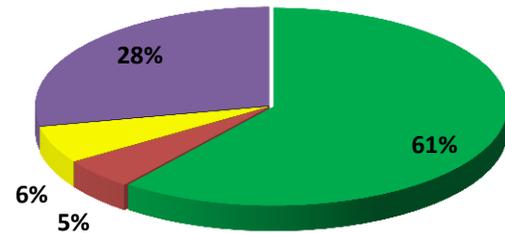
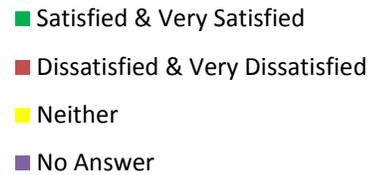
\$11.8M in FY 2013 represents a 30.3% increase over the previous FY. (As consistent with the previous FY's record award total of \$11.37M.)

I. Respondent Overall Satisfaction with ORSP

2011 Survey Results



2013 Survey Results



II. CONTINUOUS IMPROVEMENT

The 2013 Office of Research and Sponsored Programs (ORSP) Assessment Survey was designed to collect feedback on the services provided by the ORSP, and to improve the quality of those services. This was the second ORSP Assessment Survey. In 2011, ORSP conducted its initial (baseline) Assessment Survey.

2013 Survey findings suggest the campus community is more familiar with ORSP and its services, and that newly familiar community members are satisfied with what they have found in ORSP. The 2013 ORSP Assessment Survey findings make clear that along with this group of newly familiar and satisfied customers, previous ORSP customer satisfaction has increased across all survey measures. (The results of this survey will be posted on ORSP's website in Fall, 2013.)

Nevertheless, ORSP is committed to continuous improvement.

Survey responses suggest that ORSP's "customers" (primarily, MSU faculty and staff who pursue external sponsorship) continue to desire greater individual assistance finding funding opportunities; clear and timely communication regarding research and sponsored program policy and procedures; increased institutional resource support; more research/proposal development services; and additional education/training events. ORSP intends to respond to these findings by tailoring communication improvements, additional education and training activities, revised procedures, and increased resource provision to the suggestions identified by survey responders.

ORSP intends to respond to these findings by tailoring communication improvements, additional education and training activities (e.g. a professionally delivered Grant Writing Workshop will be held in Fall, 2014) revised procedures, and increased resource provision to the suggestions identified by survey responders.

ANNUAL REPORT (FY 13): PROPOSALS SUBMITTED

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
ACADEMIC AFFAIRS (AA)						
COLLEGE OF THE ARTS (CART)						
Arts and Cultural Programming						
	Wheeler, Jedediah	Permission Granted: Works Without Compromise Series	National Endowment for the Arts	1 /1 /2014	12/31/2014	\$25,000
	Wheeler, Jedediah	Permission Granted: Three Works Without Compromise	National Endowment for the Arts	6 /1 /2013	6 /30/2014	\$75,000
	Wheeler, Jedediah	New Jersey State Council on the Arts (NJSCA) GPS FY14	NJ State Council for the Arts	7 /1 /2013	6 /30/2014	\$60,000
Communication Studies						
	Luo, Yi	From Shanghai to New York: How Social Media are Influencing Public Relations Leaders in China and the United States	Plank Center for Leadership in Public Relations	1 /1 /2012	12/31/2012	\$1,000
Music						
	Abrams, Brian	A Pilot Investigation of an Artificial Intelligence Music Composition Application for Use in Music Therapy for Persons Experiencing Chronic Pain	National Institutes of Health - Subaward from Melomics Media	1 /1 /2014	12/31/2014	\$49,512
Theatre and Dance						
	McPherson, Elizabeth	Earl Mosley Choreography Commission	Capezio/Ballet Makers Dance Foundation, Inc.	9 /1 /2013	5 /31/2014	\$1,000
University Art Galleries						
	Rodriguez, Teresa	General Programming Support	NJ State Council for the Arts	7 /1 /2013	6 /30/2014	\$22,500
		Total Proposals for CART: 7			Total Requested for CART:	\$234,012
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)						
Ben Samuels Children's Center						
	Evenson, Tara/ Luft, Michael	Ben Samuels Children's Center - Child Care Access Means Parents in School Program (BS(CC)AMPIS) Program	US Department of Education	9/1/2013	8/31/2017	\$235,878
Center for Research and Evaluation on Education and Human Services (CREEHS)						
	Kyse, Eden	Paterson Public Schools - District Procedural Manual	Paterson Public Schools	11/1 /2012	3 /31/2013	\$80,000
	Kyse, Eden/ Diamond, Dawn	Township of Bloomfield (NJ) Department of Health & Human Services Community Health Assessment	Township of Bloomfield, New Jersey	10/15/2012	2 /28/2013	\$24,700
	Kyse, Eden/ Swann-Jackson, Rebecca	Evaluation of the ShapingNJ Community Mini-Grant Project	NJ Department of Health and Senior Services	1 /1 /2013	6 /30/2013	\$16,000
	Kyse, Eden/ Swann-Jackson, Rebecca	Evaluation of the New Jersey Department of Education's Charter School Grant Program	NJ Department of Education	3 /1 /2013	2 /28/2015	\$257,848
	Kyse, Eden/ Swann-Jackson, Rebecca	Evaluation of the New Jersey Department of Education's School Improvement Grant (SIG) Program	US Department of Education - Subaward from NJ Department of Education	1 /1 /2013	12/31/2014	\$243,693

Center of Pedagogy

Donvito, Concetta	Professional Development for General Education Teachers & Inclusion Teachers	East Orange School District	5 /1 /2013	12/31/2013	\$35,000
Robinson, Jennifer/Roberts, Helen	New Jersey Mathematics Model Curriculum Assessment Development	NJ Department of Education	8 /1 /2012	7 /31/2013	\$78,854
Robinson, Jennifer	Professional Development in Curriculum for School Leaders and Teachers	Newark Public Schools	6 /1 /2013	5 /31/2014	\$1

Early Childhood / Elementary Education

Hagiwara, Sumi/ Wilber, Dana	Digging into a Virtual Sandbox	National Science Foundation	7 /1 /2013	6 /30/2016	\$449,993
Puig, Victoria	Improving School Climates and the Conditions for Learning: Support for the Anti-Bullying Bill of Rights Act	NJ Department of Education	9 /1 /2012	12/31/2012	\$35,000

Educational Foundations

Carolan, Brian/ Matthews, Jamaal	Peer Influences on Adolescents' School Attachment and Academic Achievement: A Test of Competing Mechanisms	William T. Grant Foundation	9 /1 /2013	8 /31/2014	\$25,000
Carolan, Brian	Parents, Peers, and the Intergenerational Transmission of Educational Advantage	National Institutes of Health	9 /1 /2013	8 /31/2014	\$62,132
Carolan, Brian	The Influence of Concerted Cultivation on Young Adults' Educational Attainment: Evidence from the PSID's Transition to Adulthood Study	National Science Foundation	1 /1 /2013	12/31/2013	\$68,112
DiDonato, Nicole	Investigating Practicing Teachers' Cognitive Strategy Use during Assessment Planning	American Psychological Association	9 /1 /2013	8 /31/2015	\$7,500
Lewis, Tyson/ Reznitskaya, Alina/ Gregory, Maughn	Supporting Student Engagement through Transformative Pedagogical Practices	Association of American Colleges and Universities	10/1 /2013	9 /30/2014	\$10,000
Matthews, Jamaal	Classroom Processes and Academic Identity Formation: How Young Adolescents Come to Think of Themselves as Mathematicians in Urban Schools	American Psychological Association	10/1 /2013	9 /30/2015	\$7,467
Reznitskaya, Alina	Measuring Argument Literacy Skills of Elementary School Students	Spencer Foundation	9 /1 /2013	8 /31/2014	\$50,000

Family and Child Studies

Goldstein, Sara/ Brown, Tiffany	RUI: Effects of Peer- and Family-Based Ethnic and Racial Socialization on Academic Motivation and Performance during the Transition to Middle School	National Science Foundation	7 /1 /2013	6 /30/2017	\$456,460
Reid, Robert/ Garcia-Reid, Pauline	Paterson Coalition Against Substance Abuse (P-CASA)	US Department of Health and Human Services/Substance Abuse and Mental Health Services Administration	9 /30/2013	9 /29/2018	\$625,000

Stewart, Pearl	How First Generation Students Negotiate Changes in Family & Community Relationships	Spencer Foundation	7 /1 /2012	6 /30/2013	\$40,000
Urban, Jennifer/ Linver, Miriam/ Lee, Soyoung	Reflecting on the Laws of Life: Assessing Presence & Contagion of Generosity, Future-Mindedness, Joy, Purpose, Curiosity, & Humility Among Adolescents	Templeton Foundation	7 /1 /2013	6 /30/2016	\$4,823,710

Health and Nutrition Sciences

Bai, Yeonkyung/ Lee, Soyoung	Breastfeeding Decision Making and Ecological Factors in Child Obesity Prevention within the Korean Immigrant Context	National Institutes of Health	7 /1 /2014	6 /30/2016	\$137,087
Li, Yanyan/ Specchio, John	Panasonic Inverter Microwave Oven Project	Panasonic	6 /1 /2013	5 /31/2014	\$15,000
Li, Yanyan Lieberman, Lisa	MSU-US Pharma Labs Research Collaboration Adolescent Family Life Project	US Pharma Labs Conrad Hilton Foundation - Subaward from Inwood House	7 /1 /2013 9 /1 /2012	6 /30/2014 8 /31/2015	\$10,000 \$96,174

Secondary and Special Education

Keiser, David Lee/ Dalley, Julie	Mindful Learning: Contemplative Pedagogy and Practice Teaching Fellows Program at Montclair State University	Association of American Colleges and Universities	9 /1 /2013	7 /1 /2014	\$10,000
Larkin, Douglas	Using MET Data to Strengthen Teacher Evaluation Outcomes	National Academy of Education	2 /1 /2013	2 /1 /2014	\$25,000
Naiditch, Fernando	Negotiating Language, Content and Identity in a Bilingual High School Classroom	Spencer Foundation	10/1 /2013	9 /30/2014	\$50,000

Total Proposals for CEHS: 29

Total Requested for CEHS:

\$7,975,609

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)

Center for Child Advocacy

McCormick, Robert	Anti-Bullying Training	NJ Department of Education	9 /1 /2012	11/30/2012	\$35,000
McCormick, Robert	Post BA Certificate in Child Advocacy 2012-2013	NJ Department of Children and Families	9 /1 /2012	8 /31/2012	\$233,248

Communication Sciences and Disorders

Eisenberg, Sarita	Use of Structural Priming Drills to Increase the Efficacy of Embedded Therapy for Grammatical Forms	American Speech Language Hearing Foundation	1 /1 /2014	12/31/2015	\$75,000
Hitchcock, Elaine	New Century Scholars Research Grant	American Speech Language Hearing Foundation	11/1 /2013	11/1 /2015	\$10,000
Hitchcock, Elaine	Visual Biofeedback Intervention for /r/ Misarticulation	New York University	9 /1 /2012	12/31/2012	\$8,946
Mogila, Faith/ Goldfarb, Jamie	Predictive Measures of Risk for Falling in Older Adults: A Comparison Between the Five Time Sit-to-Stand Test and Computer Dynamic Posturography	American Academy of Audiology	7 /1 /2012	6 /30/2013	\$4,579

English

Afzal-Khan, Fawzia	From the Melody Queen to the Muslim Madonna: A History of Pakistan through its Female Singers from 1947 to the Present	National Endowment for the Humanities	1 /1 /2014	12/31/2015	\$780,781
Cheng, Emily	Imaginations of Adoption and Immigration from China at the Turn of the 21st Century	UCLA Institute of American Cultures	10/1 /2013	6 /30/2013	\$36,000
Matthew, Patricia	Defining Virtue: Meanings Then and Now	National Endowment for the Humanities	7 /1 /2013	12/31/2014	\$23,179

Institute for the Humanities

Larson, Victoria/ Garson, Sally	Jersey: A Sense of Place	NJ Council for the Humanities	10/25/2012	4 /4 /2013	\$3,000
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Linguistics

Call, Mary/ Townsend, David	The Acquisition of the English Tense-Aspect System by Native Speakers of Spanish	National Institutes of Health	1 /1 /2014	12/31/2016	\$333,884
Feldman, Anna/ Peng, Jing	RI: Small: RU: AIR: Automatic Idiom Recognition	National Science Foundation	7 /1 /2013	6 /30/2015	\$176,514
Fitzpatrick, Eileen	Creating a Critical Mass in Verbal Deception Detection	Intelligence Advanced Research Projects Activity	7 /1 /2013	6 /30/2014	\$150,992

Political Science and Law

Drake, Ian	How Should Humans Treat Other Living Creatures?	National Endowment for the Humanities	5 /1 /2013	5 /31/2015	\$20,551
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Psychology

Propper, Ruth	PRE-PROPOSAL: Assessment of a Novel Neurocognitive/Neuroarousal Biomarker and Bodily/Corporeal Techniques to Manipulate Cognitive Performance and Arousal	Department of Defense - Defense Advanced Research Projects Agency	6 /1 /2013	6 /1 /2018	\$994,979
Propper, Ruth	Investigation of a Neurocognitive Biomarker and of Methods to Mitigate Biases in Cognitive/Perceptual/Emotional Processing	Department of Defense - Defense University Research Instrumentation Program	7 /1 /2013	6 /30/2014	\$53,070
Propper, Ruth	Is Higher Prenatal Testosterone Exposure Indicative of Increased Reactivity in Response to Anger-Inducing Stimuli and to Associated Changes in Cognition and Perception?	Wacker Foundation	9 /1 /2013	8 /31/2013	\$97,170

Sociology

Besen-Cassino, Yasemin	Project Statistics	NEA Foundation	9 /1 /2013	8 /31/2014	\$2,000
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Total Proposals for CHSS: 18**Total Requested for CHSS:****\$3,038,893**

COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)

Biology and Molecular Biology

Adams, Sandra/ Larkin, Douglas	Montclair State University Noyce Teacher Scholarship Program	National Science Foundation	1 /1 /2014	12/31/2018	\$1,447,270
Bologna, Paul/ Gaynor, John	Impacts of Invasive Sea Nettles (Chrysaora quinquecirrha) and Ctenophores on Planktonic Community Structure and Bloom Prediction of Sea Nettles Using Molecular Techniques	NJ Department of Environmental Protection	1 /1 /2013	12/31/2013	\$100,000
Bologna, Paul/ Meredith, Robert/ Gaynor, John/ Campanella, James	PRE-PROPOSAL: Stock Assessment of Mercenaria mercenaria Population Genetics and Prevalence of Pathogens Using Next Generation Sequencing Technologies	NJ Sea Grant	2 /1 /2014	1 /31/2016	\$139,526
Du, Charles	Maize Proteomics Study and Genomics Analysis	Henan Agricultural University	9 /1 /2012	8 /31/2013	\$30,000
Du, Charles	RUI-ABI Development: HelitronScanner - A Tool for Identifying Transposons of the Highly Divergent Helitron Superfamily in Plantae and Animalia Genomes	National Science Foundation	6 /1 /2013	5 /31/2015	\$418,220
Du, Charles	New Reverse Genetic Resources For Maize: Facile Production And Efficient Indexing Using Next-Generation Sequencing Technology - Supplement	National Science Foundation - Subaward from Rutgers University	9 /1 /2012	8 /30/2013	\$74,892
Du, Charles	A sequence-indexed reverse genetics resource for maize: a set of lines with single Ds-GFP insertions spread throughout the genome	National Science Foundation - Subaward from Rutgers University	9 /1 /2013	8 /31/2016	\$497,374
Hazard, Lisa/ Mosen, Kirsten	Tracking an Emerging Amphibian Disease in the Pinelands: Influence of Water Quality and Environmental Parameters on Spread of Ranavirus	US Geological Survey - Subaward from Rutgers University/NJ Water Resources Research Institute	4 /1 /2013	3 /31/2014	\$20,000
Krumins, Jennifer	PRE-PROPOSAL: Joint Ideas Lab Pre Proposal	National Science Foundation			\$0
Molina, Carlos	ICER in Melanoma-genesis and Maintenance	National Institutes of Health	4 /1 /2014	3 /31/2016	\$376,507
Monsen, Kirsten	Detecting the Extent of Mortality Events from Ranavirus in Amphibians of the Northeastern U.S.	North East Association of Fish and Wildlife Agencies - Subaward from Maryland Department of Natural Resources	1 /1 /2013	12/31/2015	\$18,000
Snitsarev, Vladislav	Effects of oxygen and glucose deprivation on metabolism and signaling pathways involving physiological divalent cations	National Institutes of Health	4 /1 /2014	3 /31/2017	\$310,590
Snitsarev, Vladislav	Physiologic and Toxic Role of Free Zinc Ions in Stroke, Ischemic-Reperfusion Injury, and Hypoglycemia in the Cortex	American Heart Association	7 /1 /2013	6 /30/2016	\$282,609

Chemistry and Biochemistry

Eshuis, Hendrik	Modeling Weak Interactions in Hydrocarbon Chemistry Using the Random Phase Approximation	American Chemical Society-Petroleum Research Fund	9 /1 /2013	8 /31/2015	\$50,008
Gindt, Yvonne	DNA Repair Under Extreme Conditions	National Aeronautic and Space Administration - Subaward from Temple University	7 /1 /2012	6 /30/2016	\$80,020
Gindt, Yvonne/ Dyer, James/ Konas, David	RUI: Binding and Redox Studies of CRY-DASH and CRY Proteins	National Science Foundation	7 /1 /2013	6 /30/2016	\$189,493

Hou, Shifeng/ Feng, Huan	SusChEM: Development of Graphene-based Sorbents for Heavy Metal Removal from Drinking Water System	National Science Foundation	1 /1 /2014	12/31/2016	\$371,846
Konas, David/ Goodey, Nina	AREA: Toward Discovery of New TB drugs through the Study and Inhibition of IGPS	National Institutes of Health	9/1/2013	8/31/2016	\$411,448
Talaga, David	Materials World Network: Study the Interactions between Helical Repeat Proteins and Silicon Nitride Nanopores	National Science Foundation - Collaborative Proposal with University of Arkansas	6 /1 /2013	5 /31/2016	\$361,420
Talaga, David	Predictive Multiscale Model for Biopolymer Translocation through Nanopores	National Institutes of Health - Subaward from Rutgers University	4 /1 /2014	3 /31/2019	\$702,100
Talaga, David	Protein Translocation: Integration of Modeling and Experiments	National Institutes of Health - Subaward from Rutgers University	10/1 /2013	9 /30/2018	\$571,416
Talaga, David	Protein Translocation: Integration of Modeling and Experiments	National Institutes of Health - Subaward from Rutgers University	7 /1 /2013	6 /30/2018	\$585,080
Talaga, David	Collaborative Proposal: Protein Unfolding in Nanopore Translocation	National Science Foundation - Collaborative Proposal with Rutgers University	9 /1 /2013	8 /31/2016	\$358,108

Computer Science

Fails, Jerry	CAREER: RUI: Technology for Tomorrow's Family	National Science Foundation	7 /1 /2013	6 /30/2018	\$654,679
Herbert, Katherine/ Hill, Emily/ Fails, Jerry	The NECST Program: Networking and Engaging in Computer Science and Information Technology in Northern New Jersey	National Science Foundation	6 /1 /2013	5 /31/2018	\$624,542
Hill, Emily	CI-ADDO-NEW: Collaborative Research: Advanced Text Analysis Infrastructure for Software Engineering	National Science Foundation - Subaward from University of Delaware	9 /1 /2013	8 /31/2016	\$205,115
Hill, Emily	Identifying Natural Language and Structural Signals in Source Code for Software Maintenance Search	Google Research	9 /1 /2013	8 /31/2014	\$39,643
Peng, Jing	Kullback-Leibler Divergence Based Data Fusion for Target Tracking	Air Force Research Laboratory - Subaward from Research Foundation of SUNY	9 /15/2012	12/31/2012	\$9,000
Varde, Aparna/ Yu, Danlin	Cloud Data Management and Mining in Geographic Information Analysis for Sustainable Systems	National Science Foundation	1 /1 /2013	12/31/2016	\$360,219
Varde, Aparna/ Yu, Danlin	Forecasting Urban Land Use Dynamics Via Developing New Spatial Data Mining Approaches	National Science Foundation	1 /1 /2013	12/31/2014	\$187,246

Dean's Office

Prezant, Robert	Sorting and taxonomic identification of benthic invertebrates: A proposed study of the lower Hackensack River	New Jersey Meadowlands Commission	6 /1 /2013	5 /31/2015	\$33,604
Schneemeyer, Lynn	Collaborative Research: Creating Tunable Layered Phases with Collective Electron Behavior	National Science Foundation - Subaward from Florida State University	6 /1 /2013	5 /30/2016	\$75,591
Wu, Laying/ Sarkar, Dibyendu/ Siekierka, John/ Molina, Carlos	MRI: Acquisition of Confocal Laser Scanning Microscope for Multidisciplinary Research and Education at Montclair State University	National Science Foundation	10/1/2013	10/1/2016	\$324,308

Earth and Environmental Studies

Alo, Clement/ Ophori, Duke	Groundwater resources development for sustainable irrigation: Integrating remote sensing and hydroclimate modeling for assessment of impacts of climate change/variability and population pressure on groundwater budgets in the White Volta Basin, Ghana	National Aeronautic and Space Administration	11/1 /2013	10/31/2016	\$896,091
Brachfeld, Stefanie	Collaborative research: Deglacial ice dynamics in the Weddell Sea embayment using sediment provenance	National Science Foundation - Collaborative Proposal with Columbia University	1 /1 /2014	12/31/2016	\$157,056
Chopping, Mark/ Onoro, Rocio Raquel Duchesne	Evaluating Shrub Expansion and Its Impact on Surface Albedo on the North Slope of Alaska, 2000-2012	National Aeronautic and Space Administration	9 /1 /2013	8 /31/2014	\$28,500
Deng, Yang/ Li, Nanzhu (Student)	Developing an Environmentally Friendly Water Reuse Technology Using Ferrate (VI)	US Geological Survey - Subaward from Rutgers University/NJ Water Resources Research Institute	1 /1 /2013	12/31/2013	\$5,000
Deng, Yang	PRE-PROPOSAL: Formation of Disinfection By-Products (DBPs) during Treatment of Landfill Leachate in Municipal Wastewater Treatment Plants	Water Environment Research Foundation	1 /1 /2013	12/31/2014	\$203,142
Deng, Yang	New Generation Chemical Oxidation Processes as Sustainable On-Site Landfill Leachate Treatment for Simultaneous Removal of Traditional and Emerging Contaminants	Essex County Community Development	1 /1 /2012	12/31/2012	\$162,996
Deng, Yang	New Generation Chemical Oxidation Processes as Sustainable On-Site Landfill Leachate Treatment for Simultaneous Removal of Traditional and Emerging Contaminants	Environmental Research and Education Foundation	7 /1 /2013	6 /30/2015	\$142,421
Deng, Yang	Fate and Stability of Solid Waste-Derived Engineered Nanoparticles (ENPs) in Landfill Leachate and Their Potential Impacts on New Jersey Water Resources	US Geological Survey - Subaward from Rutgers University/NJ Water Resources Research Institute	1 /1 /2013	12/31/2013	\$8,000
Deng, Yang/ Sarkar, Dibyendu	Application of Two Recycled Wastes - Drinking Water Treatment Residuals and Scrap Tire Rubber - for Reduction of Toxic Metals and Nutrients to Enhance Low Impact Development Stormwater Management in Urban Areas	National Institutes for Water Resources	7/1/2013	6 /31/2016	\$249,351
Dolcemascolo, Paola	Colonization Genetics of the American Green Tree frog (<i>Hyla cinerea</i>): Evidence for a Recent Range Expansion in New Jersey	NJ Department of Environmental Protection	6 /1 /2013	10/31/2013	\$3,410
Feng, Huan/ Yu, Danlin	Coastal SEES (Track 1): Environmental Study in Northern New Jersey Urban-Industrial Estuaries and Harbors for Sustainable Coastal Development	National Science Foundation	9 /1 /2013	8 /31/2015	\$277,903
Feng, Huan/ Prezant, Robert	PRE-PROPOSAL: Interdisciplinary Study of Ecosystem Response to Sediment Metal Contamination in the Northern New Jersey Urban-Industrialized Newark Bay	NJ Sea Grant	2 /1 /2014	1 /31/2016	\$139,823
Feng, Huan	CNH-Ex: Investigation of Anthropogenic Metal Pollution Associated with Socio-Economic Development in Coastal Urban Areas	National Science Foundation	9 /1 /2013	8 /31/2015	\$189,500

Feng, Huan/ Wu, Meiyin	A Chemical Mechanism Study of Metal Uptake by Wetland Plants on a Brownfield Site	National Science Foundation	9 /1 /2013	8 /31/2016	\$280,953
Feng, Huan/ Prezant, Robert	CNIC: Interdisciplinary Study of Ecosystem Response to Sediment Metal Contamination and Bioremediation in Yangtze River Intertidal Zone for Coastal Sustainable Development	National Science Foundation	5/1/2014	4/30/2015	\$60,923
Lal, Pankaj	Development and Integrated Assessment of Bioenergy Production Systems and Scenarios in New Jersey	US Department of Agriculture - Subaward from New Jersey Institute of Technology	1 /1 /2014	12/31/2016	\$200,000
Lal, Pankaj/ Pope, Gregory/ Galster, Josh/ FitzGerald, Randall/Ferdinand, Amy	Preliminary Assessment and Inventory of Ecosystem Services and Environmental Threats across the Appalachian Landscape	Appalachian Landscape Conservation Cooperative	5 /1 /2013	4 /30/2014	\$119,873
Sarkar, Dibyendu	Biomass and Nutrient Use Efficiency Enhancement of Sorghum Using Plant Growth Promoting Bacteria and Mycorrhiza: A Transgenic Approach	US Department of Energy - Subaward from Michigan Technological University	9 /1 /2013	8 /31/2016	\$150,113
Sarkar, Dibyendu	Reducing Copper Load from Stamp Sand Deposits in the Keweenaw Peninsula with Permeable Reactive Barriers - Phase 1	Michigan Department of Environmental Quality - Subaward from Michigan Technological University	9 /1 /2013	8 /31/2015	\$39,007
Sarkar, Dibyendu/ Deng, Yang	A Green Technology for Nutrient and Metals Reduction in New Jersey Coastal Waters	NJ Sea Grant	2 /1 /2014	1 /31/2016	\$139,995
Taylor, Robert	PRE-PROPOSAL: Powering Agriculture: An Energy Grand Challenge for Development Competition	USAID - Subcontract from RTI International	7 /1 /2013	6 /30/2016	\$450,019
Yu, Danlin/ Deng, Yang/ Feng, Huan	Development of a Novel State Space Based Environmental Sustainability Measurement	National Science Foundation	1 /1 /2014	12/31/2016	\$321,365

Mathematical Sciences

Favata, Marc	RU: Issues in Modeling Gravitational-Wave Sources	National Science Foundation	6 /1 /2013	5 /31/2016	\$138,256
Forgoston, Eric/ Billings, Lora	REU Supplement: Understanding the Dynamics of Stochastic Disease Spread in Metapopulations	National Science Foundation	12/15/2012	8/31/2015	\$12,000
Forgoston, Eric/ Billings, Lora/ Yecko Philip	RU: Using Lagrangian flow structures to optimally position ocean sensors	National Science Foundation	9 /1 /2013	8 /31/2016	\$338,968
Forgoston, Eric	CAREER: Quantifying Ocean Transport Using Autonomous Systems	National Science Foundation	7 /1 /2013	6 /30/2018	\$492,588
Forgoston, Eric/ Yecko, Philip	RI: Small: Collaborative Research: Using Geophysical Fluid Dynamics for Improved Underwater Vehicle Autonomy	National Science Foundation - Collaborative Proposal with Drexel University	10/1 /2013	9 /30/2016	\$99,662
Greenstein, Steven/ Krupa, Erin/ Robinson, Jennifer	Noyce at Montclair: Preparing the Effective Elementary Mathematics Teacher (PE2MT)	National Science Foundation	8 /1 /2013	7 /31/2015	\$233,280
Krupa, Erin	Evaluating Measures of Effective Mathematics Teaching	National Academy of Education	1 /31/2013	12/31/2013	\$25,000
Li, Aihua	Graph Theory Applications in Modeling Evolution of Chagas Vectors	Simons Foundation	9 /1 /2013	8 /31/2018	\$35,000
Li, Aihua	Interdisciplinary Research in Graph Theory and its Applications in Science	Mathematical Association of America	6 /15/2013	9 /15/2013	\$27,500
Su, Haiyan	A Unified Inference Tool for Seemingly Unrelated Topics: Iterative Likelihood	National Science Foundation	7 /1 /2013	6 /30/2016	\$95,042

Thomas, Diana	Short Course on the Mathematical Sciences in Obesity Research	National Institutes of Health - Subaward from University of Alabama at Birmingham	4 /1 /2013	3 /31/2018	\$54,298
Thomas, Diana	Expecting Success: Personalized Management of Body Weight During Pregnancy - Supplement	National Institutes of Health - Subaward from Pennington Biomedical Research Center	9/19/2011	8/31/2013	\$12,000
Thomas, Diana	Ancillary Study of the LIFE Moms Consortium	National Institutes of Health - Subaward from Pennington Biomedical Research Center	6 /1 /2013	5 /31/2018	\$57,505
Truitt, Patrick/ Brachfeld, Stefanie/ Yecko, Philip/ Schneemeyer, Lynn	MRI: Acquisition of a Cryogen-Free Physical Property Measurement System (PPMS) for Geophysical and Materials Research and Education	National Science Foundation	9 /1 /2013	9 /1 /2015	\$474,119
Truitt, Patrick	Structure, Orientation, and Intermolecular Effects on Charge Transport in Langmuir-Blodgett Based Molecular Tunnel Junctions	Research Corporation for Science Advancement	3 /1 /2014	3 /1 /2016	\$35,000
Vaidya, Ashuwin	Collaborative Research in Complex Fluids	Simons Foundation	9 /1 /2013	8 /31/2018	\$35,000
Vaidya, Ashuwin	Collaborative Research: Theoretical and Experimental Study of Unsteady Fluid Solid Interactions	National Science Foundation - Collaborative Proposal with University of Pittsburgh	7 /1 /2013	6 /30/2016	\$221,216
Vaidya, Ashuwin	A Multi-scale Framework for Amyloid Aggregation Towards Clinical Applications	National Institutes of Health - Subaward from University of Southern Mississippi	1 /1 /2013	12/31/2016	\$253,377
Vaidya, Ashuwin/ Trubatch, David	Undergraduate Research in Mathematics	Center for Undergraduate Research in Mathematics	9 /1 /2013	8 /31/2014	\$23,451
Yecko, Philip/ Billings, Lora/ Forgoston, Eric	RU: Particle Transport and Control in Time-Dependent and Stochastic Flows	National Science Foundation	9 /1 /2013	8 /31/2016	\$354,984

Passaic River Institute

Lal, Pankaj/ Yu, Danlin	Assessing Bioenergy Development And Associated Tradeoffs In The Northeastern United States	US Department of Agriculture	1 /1 /2014	12/31/2016	\$500,000
Wu, Meiyin/ Galster, Josh/ Alo, Clement/ Prezant, Robert	Strategies for Flood Risk Reduction for Vulnerable Coastal Populations along Hackensack River at Moonachie and Little Ferry	NJ Department of Environmental Protection - Subaward from Rutgers University	7 /1 /2013	12/31/2013	\$67,672
Wu, Meiyin/ Willis, Jacalyn/ Murdock, Bryan	Changing times: Preparing educators to explore the patterns and consequences of global environmental change data	National Oceanic and Atmospheric Administration	1 /1 /2014	12/31/2017	\$685,139
Wu, Meiyin/ Lal, Pankaj/ Sherwood, Natalie (Student)	Evaluating the Common Snapping Turtle Harvesting Program in New Jersey	NJ Department of Environmental Protection	5 /1 /2013	4 /30/2014	\$3,500
Wu, Meiyin/ Triece, Kelly (Student)	Improving Permeability of Wildlife Habitats in New Jersey through Culvert and Landscape Assessments	NJ Department of Environmental Protection	5 /1 /2013	4 /30/2014	\$3,500
Wu, Meiyin/ Triece, Kelly/ Sherwood, Natalie (Student)	Environmental Education: Wildlife Habitat Permeability on an Urban Landscape	NJ Department of Environmental Protection	5 /1 /2013	4 /30/2014	\$3,500
Wu, Meiyin/ Sherwood, Natalie (Student)	Bioaccumulation of Mercury in New Jersey Aquatic Ecosystems	US Geological Survey - Subaward from Rutgers University/NJ Water Resources Research Institute	3 /1 /2013	2 /28/2014	\$4,980

Professional Resources in Sciences and Mathematics (PRISM)

Munakata, Mika/ Willis, Jacalyn/ Krupa, Erin	CUSP: Creative University-School Partnerships in Mathematics	NJ Department of Education	7 /1 /2013	6 /30/2014	\$367,700
Willis, Jacalyn/ Goeke, Jennifer	PRE-PROPOSAL: Full-Scale Development: The EcoLABorative Project	National Science Foundation	7/1/2013	6/30/2018	\$2,500,000
Total Proposals for CSAM: 84			Total Requested for CSAM:		\$21,289,552

LIBRARY SERVICES

Mallery, Mary	Muslim Journeys Bookshelf Grant	National Endowment for the Humanities	1 /1 /2013	12/31/2013	*
Martinez, Paul	The Montclair State University Library Archives Collections	National Endowment for the Humanities	1 /1 /2014	6/30/2015	\$5,700
Shapiro, Steven/ Lapp, Benjamin	Commemorative Program for the 75th Anniversary of Kristallnacht	NJ Council for the Humanities	9 /1 /2013	8 /31/2014	\$3,000
Total Proposals for Library Services: 3			Total Requested for Library Services		\$8,700

*Grant submission for book series purchase.

RESEARCH ACADEMY FOR UNIVERSITY LEARNING (RAUL)

Murdock, Bryan	The Community-Based/Participatory Action Research Think Tank	Association of American Colleges and Universities	9 /1 /2013	8 /31/2014	\$1,000
Murdock, Bryan/ FitzGerald, Randall/ Woolston, Krystal	EECO AmeriCorps Program	Corporation for National and Community Service	9 /1 /2013	8 /31/2014	\$265,883
Murdock, Bryan/ FitzGerald, Randall/ Woolston, Krystal	EECO AmeriCorps Program	NJ Commission on National and Community Service	9 /1 /2013	8 /31/2014	\$265,883
Talgar, Cigdem/ Keiser, David Lee/ Dalley, Julie	Competitive Pedagogy and Practice (CPP): Faculty Fellows Development Program	Center for Contemplative Mind in Society	1 /1 /2013	6 /30/2013	\$5,000
Total Proposals for RAUL: 4			Total Requested for RAUL :		\$537,766

SCHOOL OF BUSINESS (SBUS)

Feliciano Center for Entrepreneurship

Bone, Dennis	NCIIA Grant Proposal for Support of Certificate Program	National Collegiate Inventors and Innovators Alliance	9 /1 /2013	8 /31/2015	\$50,000
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Information and Operations Management

Xing, Ruben	Finding the Major Causes of Recent Vanishing Honeybees	EAS Foundation for Honey Bee Research	6 /1 /2013	6 /30/2014	\$5,000
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Management		Bryan, Nicole/ Poucki, Sasha	People-to-People Approach to Reconciliation and Mutual Understanding in Kosovo: Building capacity for interethnic interaction and civic engagement through creative processes in art, culture, film, media and technology	USAID	1 /1 /2014 12/31/2016	\$1,312,306
		Total Proposals for SBUS: 3		Total Requested for SBUS:		\$1,367,306
STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)						
Counseling & Psychological Services						
	Weinberg, Lisa	Increasing Women's Self-Efficacy through Self-Defense Training and Counseling	American Association of University Women	7 /1 /2013 6 /30/2014		\$7,000
Student Academic Services						
	Straker-Banks, Allyson	Promoting Completion for the Adult Learner: Utilizing a Hybrid Course and Learning Communities to Facilitate Academic Engagement	American Council on Education	8 /15/2012 3 /31/2012		\$25,001
		Total Proposals for SDCL: 2		Total Requested for SDCL :		\$32,001
UNIVERSITY FACILITIES						
FIRE SAFETY						
	Issler, Jeffrey	Assistance to Firefighters Grant Program, Fire Prevention and Safety (FP&S)	Federal Emergency Management Agency	1 /1 /2013 12/31/2013		\$23,400
		Total Proposals for University Facilities: 1		Total Requested for University Facilities :		\$23,400
		Total Proposals: 151		Grand Total:		\$ 34,507,239

Professional Resources in Sciences and Mathematics (PRISM)

Munakata, Mika/ Willis, Jacalyn/ Krupa, Erin	CUSP: Creative University-School Partnerships in Mathematics	NJ Department of Education	7 /1 /2013	6 /30/2014	\$367,700
Willis, Jacalyn/ Goeke, Jennifer	PRE-PROPOSAL: Full-Scale Development: The EcoLABorative Project	National Science Foundation	7/1/2013	6/30/2018	\$2,500,000
Total Proposals for CSAM: 84		Total Requested for CSAM:		\$21,289,552	

LIBRARY SERVICES

Mallery, Mary	Muslim Journeys Bookshelf Grant	National Endowment for the Humanities	1 /1 /2013	12/31/2013	*
Martinez, Paul	The Montclair State University Library Archives Collections	National Endowment for the Humanities	1 /1 /2014	6/30/2015	\$5,700
Shapiro, Steven/ Lapp, Benjamin	Commemorative Program for the 75th Anniversary of Kristallnacht	NJ Council for the Humanities	9 /1 /2013	8 /31/2014	\$3,000
Total Proposals for Library Services: 3		Total Requested for Library Services		\$8,700	

*Grant submission for book series purchase.

RESEARCH ACADEMY FOR UNIVERSITY LEARNING (RAUL)

Murdock, Bryan	The Community-Based/Participatory Action Research Think Tank	Association of American Colleges and Universities	9 /1 /2013	8 /31/2014	\$1,000
Murdock, Bryan/ FitzGerald, Randall/ Woolston, Krystal	EECO AmeriCorps Program	Corporation for National and Community Service	9 /1 /2013	8 /31/2014	\$265,883
Murdock, Bryan/ FitzGerald, Randall/ Woolston, Krystal	EECO AmeriCorps Program	NJ Commission on National and Community Service	9 /1 /2013	8 /31/2014	\$265,883
Talgar, Cigdem/ Keiser, David Lee/ Dalley, Julie	Competitive Pedagogy and Practice (CPP): Faculty Fellows Development Program	Center for Contemplative Mind in Society	1 /1 /2013	6 /30/2013	\$5,000
Total Proposals for RAUL: 4		Total Requested for RAUL :		\$537,766	

SCHOOL OF BUSINESS (SBUS)

Feliciano Center for Entrepreneurship

Bone, Dennis	NCIIA Grant Proposal for Support of Certificate Program	National Collegiate Inventors and Innovators Alliance	9 /1 /2013	8 /31/2015	\$50,000
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Information and Operations Management

Xing, Ruben	Finding the Major Causes of Recent Vanishing Honeybees	EAS Foundation for Honey Bee Research	6 /1 /2013	6 /30/2014	\$5,000
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Management

Bryan, Nicole/ Poucki, Sasha	People-to-People Approach to Reconciliation and Mutual Understanding in Kosovo: Building capacity for interethnic interaction and civic engagement through creative processes in art, culture, film, media and technology	USAID	1 /1 /2014	12/31/2016	\$1,312,306
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Total Proposals for SBUS: 3

Total Requested for SBUS: \$1,367,306

STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)

Counseling & Psychological Services

Weinberg, Lisa	Increasing Women's Self-Efficacy through Self-Defense Training and Counseling	American Association of University Women	7 /1 /2013	6 /30/2014	\$7,000
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Student Academic Services

Straker-Banks, Allyson	Promoting Completion for the Adult Learner: Utilizing a Hybrid Course and Learning Communities to Facilitate Academic Engagement	American Council on Education	8 /15/2012	3 /31/2012	\$25,001
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Total Proposals for SDCL: 2

Total Requested for SDCL : \$32,001

**UNIVERSITY FACILITIES
FIRE SAFETY**

Issler, Jeffrey

Assistance to Firefighters Grant Program, Fire
Prevention and Safety (FP&S)

Federal Emergency
Management Agency

1 /1 /2013 12/31/2013

\$23,400

Total Proposals for University Facilities: 1

Total Requested for University Facilities :

\$23,400

Total Proposals: 151

Grand Total:

\$ 34,507,239

Annual Report (FY 13): Awards Received

Awards Received: 07/01/2012 To 06/30/2013

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
ACADEMIC AFFAIRS (AA)						
COLLEGE OF THE ARTS (CART)						
Arts and Cultural Programming						
	Wheeler, Jedediah	Permission Granted: Works Without Compromise Series	National Endowment for the Arts	6/1/2013	12/31/2013	\$25,000
	Wheeler, Jedediah	General Programming Support, FY 2010-FY 2013	NJ State Council for the Arts	7/1/2012	6/30/2013	\$49,513
Art Galleries						
	Rodriguez, Teresa	General Programming Support FY 2010-FY 2013	NJ State Council for the Arts	7/1/2012	6/30/2013	\$12,828
Total Awards for CART: 3				Total for CART :		\$87,341
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)						
Center for Research and Evaluation on Education and Human Services (CREEHS)						
	Kyse, Eden	Paterson Public Schools - District Procedural Manual	Paterson Public Schools	11/1/2012	6/30/2013	\$80,000
	Kyse, Eden	Township of Bloomfield, Department of Health and Human Services Community Health Assessment	Township of Bloomfield, NJ	10/15/2012	2/28/2013	\$24,700
	Kyse, Eden/ Swann-Jackson, Rebecca	Evaluation of the New Jersey Department of Education's Charter School Grant Program	NJ Department of Education	4/25/2013	2/28/2015	\$257,848
	Kyse, Eden/ Swann-Jackson, Rebecca	Evaluation of the New Jersey Department of Education's School Improvement Grant (SIG) Program	NJ Department of Education	3/1/2013	9/30/2014	\$249,745
Center of Pedagogy						
	Robinson, Jennifer	Teacher Quality Partnership Grant Competition - Year 4	US Department of Education	10/1/2012	9/30/2013	\$1,121,619
	Robinson, Jennifer/ Roberts, Helen (Mathematics)	New Jersey Mathematics Model Curriculum Assessment Development	NJ Department of Education	8/1/2012	7/31/2013	\$78,854
Counseling and Educational Leadership						
	Renfro-Michel, Edina	Collaborative Project : Integrating Learning Resources for Information Security Research and Education (iSECURE)	National Science Foundation	9/15/2012	8/31/2015	\$118,837
Curriculum and Teaching						
	Goeke, Jennifer	Restructuring Preservice Preparation for Innovative Special Education (RePPriSE) - Year 2	US Department of Education	10/1/2012	9/30/2013	\$273,587
Early Childhood and Elementary Education						
	Erwin, Elizabeth	Building Foundations for Self-Determination in Young Children with Disabilities - Supplement	US Department Of Education - Subaward from University of Kansas	7/1/2012	6/30/2013	\$1,500

Annual Report (FY 13): Awards Received

Awards Received: 07/01/2012 To 06/30/2013

Educational Foundations

Reznitskaya, Alina	Dialogic Teaching: Professional Development in Classroom Discussion to Improve Students' Argument Literacy - Year 1	US Department of Education - Subaward from Ohio State University	7/1/2012	6/30/2013	\$169,636
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Family and Child Studies

Reid, Robert/ Garcia-Reid, Pauline	Paterson (NJ) Minority Substance Abuse and HIV Prevention Initiative - Year 5	US Department of Health and Human Services	9/30/2012	9/29/2013	\$335,334
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Health and Nutrition Sciences

Donnelly, Joseph/ Horn, Robert	Evaluation of NJ Title V: Abstinence Education - Year 3	NJ Department of Health and Senior Services	7/1/2013	6/30/2014	\$94,872
Lieberman, Lisa	Adolescent Family Life Project - Year 1	Conrad Hilton Foundation - Subaward from Inwood House	9/1/2012	8/31/2013	\$17,209
Silvera, Stephanie	Exploring Sociodemographic and Behavioral Factors Underlying Racial/Ethnic Disparities in Cancer Prevention Behaviors in New Jersey - Year 1	National Institutes of Health	9/15/2012	8/31/2013	\$137,618

Total Awards for CEHS: 14

Total for CEHS : \$2,961,359

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)

Center for Child Advocacy

McCormick, Robert	New Jersey Child Welfare Training Consortium 2012-2013	NJ Department of Children and Families - Subaward from Rutgers University	7/1/2012	6/30/2013	\$970,049
McCormick, Robert	SHIP (Summer Housing Internship Partnership) 2012-2013	NJ Department of Children and Families - Subaward from Rutgers University	7/1/2012	6/30/2013	\$131,702
McCormick, Robert	Post BA Certificate in Adolescent Advocacy 2012-2013	NJ Department of Children and Families	7/1/2012	8/31/2013	\$267,627
McCormick, Robert	Post BA Certificate in Child Advocacy 2012-2013	NJ Department of Children and Families	9/1/2012	8/31/2013	\$233,248

Communication Sciences and Disorders

Hitchcock, Elaine	Visual Biofeedback Intervention for /r/ Misarticulation	New York University	9/1/2012	6/30/2013	\$6,075
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Institute for the Humanities

Larson, Victoria/ Garson, Sally	Jersey: A Sense of Place	NJ Council for the Humanities	10/25/2012	4/4/2013	\$3,000
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Psychology

Pardo, Jennifer	RUI: Phonetic Convergence in Spoken Communication	National Science Foundation	8/1/2012	7/31/2015	\$400,100
Propper, Ruth	Research on Predictors of Emotional State and Cognitive Processing Abilities - Year 2	US Army Research Office	3/15/2013	3/14/2014	\$94,416

Total Awards for CHSS: 8

Total for CHSS : \$2,106,217

COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)**Biology and Molecular Biology**

Bologna, Paul / Gaynor, John	Impacts of Invasive Sea Nettles (Chrysaora quinquecirrha) and Ctenophores on Planktonic Community Structure and Bloom Prediction of Sea Nettles Using Molecular Techniques - Year 2	NJ Department of Environmental Protection	5/16/2013	11/15/2014	\$100,000
Du, Charles	New Reverse Genetic Resources For Maize: Facile Production And Efficient Indexing Using Next-Generation Sequencing Technology - Supplement	National Science Foundation - Subaward from Rutgers University	9/1/2012	8/31/2013	\$74,892
Du, Charles Krumins, Jennifer	Maize Proteomics Study and Genomics Analysis Role of Plant and Soil Community Structure in Riparian Soil Nutrient Retention	Henan Agricultural University US Environmental Protection Agency - Subaward from Barnegat Bay Partnership	9/1/2012 1/1/2013	8/31/2013 10/30/2014	\$30,000 \$65,014
Monsen, Kirsten	Detecting the Extent of Mortality Events from Ranavirus in Amphibians of the Northeastern U.S.	North East Association of Fish and Wildlife Agencies - Subaward from Maryland Department of Natural Resources	5/30/2013	12/31/2014	\$18,000

Chemistry / Biochemistry

Gindt, Yvonne	DNA Repair Under Extreme Conditions - Year 1	National Aeronautic and Space Administration - Subaward from Temple University	2/20/2013	2/19/2014	\$25,200
Goodey, Nina/ Dyer, James/ Siekierka, John/ Talgar, Cigdem	TUES Type 1: Incorporation of research skills into the undergraduate biochemistry curriculum to create extraordinary scientists for the modern research environment	National Science Foundation	1/1/2013	12/31/2015	\$166,475

Computer Science

Herbert, Katherine / Hill, Emily / Fails, Jerry Peng, Jing	The NECST Program: Networking And Engaging In Computer Science And Information Technology In Northern NJ Program Kullback-Leibler Divergence Based Data Fusion for Target Tracking	National Science Foundation Air Force Research Laboratory Subaward from Research Foundation of SUNY	6/1/2013 9/1/2012	5/31/2018 12/31/2012	\$619,575 \$9,000
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Dean's Office

Prezant, Robert / Vega, Quinn	LSAMP The Garden State Alliance for Minority Participation - Year 4	National Science Foundation - Subaward from Rutgers University	7/1/2012	6/30/2013	\$112,187
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Annual Report (FY 13): Awards Received

Awards Received: 07/01/2012 To 06/30/2013

Earth and Environmental Studies

Brachfeld, Stefanie	Static and shock pressure treatment of synthetic Mars basalts: Implications for understanding the evolution of crustal magnetic anomalies - Years 2 & 3	National Aeronautic and Space Administration	7/13/2012	7/12/2014	\$307,720
Chopping, Mark	A Decade of Changes in Aboveground Live Standing Dry Biomass, Canopy Cover, Height, and Understory Density in the Southwestern United States from EOS MISR and MODIS - Years 2 & 3	National Aeronautic and Space Administration	3/3/2012	3/2/2014	\$44,712
Chopping, Mark	Forest and Shrub Mapping with MISR - Supplement	National Aeronautic and Space Administration	3/1/2013	12/31/2013	\$22,315
Deng, Yang / Li, Nanzhu (Student)	Developing an Environmentally Friendly Water Reuse Technology Using Ferrate (VI)	US Geological Survey - Subaward from Rutgers University/NJ Water Resources Research Institute	3/1/2013	2/28/2014	\$5,000
Lal, Pankaj	US-India Consortium for Sustainable Advanced Biofuel System - Year 1	US Department of Energy - Subaward from University of Florida	9/18/2012	9/17/2013	\$51,246
Lal, Pankaj	Assessing Socioeconomic Impacts of Forest Biomass Based Biofuel Development on Rural Communities in the Eastern United States	US Department of Agriculture	8/1/2012	7/31/2015	\$349,963
Passchier, Sandra	The stratigraphic expression of the onset of glaciation in Eocene-Oligocene successions on the Antarctic continental margin	National Science Foundation	6/1/2013	5/31/2016	\$118,937
Sarkar, Dibyendu / Deng, Yang	Low-cost, Green Technology to Improve Water Quality in Mining-Impacted Ecosystems. Phase-I: Model Development and Optimization	US Department of the Interior - Subaward from University of Southern Illinois	7/1/2012	6/30/2014	\$69,673
Taylor, Robert	Current Issues in Sustainability Science: Technologies for Urban Climate Change Adaptation	Vietnam Education Foundation	7/1/2012	9/30/2012	\$29,700

Health Careers

Lorenzo, Donna	Upward Bound, 2012-2017, Year 2	US Department of Education	9/1/2013	8/31/2014	\$236,925
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Mathematical Sciences

Favata, Marc	RUI: Issues in Modeling Gravitational-Wave Sources	National Science Foundation	6/1/2013	5/31/2016	\$126,000
Forgoston, Eric / Billings, Lora	Understanding the Dynamics of Stochastic Disease Spread in Metapopulations	National Science Foundation	9/1/2012	8/31/2015	\$278,966
Forgoston, Eric/ Billings, Lora	REU Supplement: Understanding the Dynamics of Stochastic Disease Spread in Metapopulations	National Science Foundation	12/15/2012	8/31/2015	\$12,000
Fuller, Evan	Proving Styles in University Mathematics - Year 3	National Science Foundation - Subaward from Rutgers University	9/1/2012	8/31/2013	\$17,624
Li, Aihua	Interdisciplinary Research in Graph Theory and its Applications in Science	Mathematical Association of America	7/10/2013	8/22/2013	\$27,300
Li, Aihua	Garden State Undergraduate Mathematics Conferences 2013-2014 - Year 1	National Security Agency	9/28/2012	9/27/2013	\$10,788

Annual Report (FY 13): Awards Received

Awards Received: 07/01/2012 To 06/30/2013

Thomas, Diana	Expecting Success: Personalized Management of Body Weight During Pregnancy - Supplement	National Institutes of Health - Subaward from Pennington Biomedical Research Center	9/19/2011	8/31/2013	\$12,000
Vaidya, Ashuwin / Yecko, Philip / Mukherjee, Arup / Trubatch, David	MRI: Acquisition of Imaging System for the Study of Complex Fluids	National Science Foundation	8/15/2012	7/31/2013	\$171,135
Yecko, Philip / Trubatch, David	RUI: Multi-scale modeling of interfacial flows of magnetic fluids with macro-chain aggregates - Year 3	National Science Foundation	9/1/2012	8/31/2013	\$74,888

Passaic River Institute

Wu, Meiyin	REU Site: Transdisciplinary Environmental Science Research on Forest Lakes in Northwest New Jersey - Year 4	National Science Foundation	3/1/2013	9/30/2014	\$119,939
Wu, Meiyin / Sherwood, Natalie (student)	Bioaccumulation of Mercury in New Jersey Aquatic Ecosystems	US Geological Survey - Subaward from Rutgers University/NJ Water Resources Research Institute	3/1/2013	2/28/2014	\$5,000

Professional Resources in Sciences and Mathematics (PRISM)

Munakata, Mika / Willis, Jackie / Krupa, Erin	CUSP: Creative University-School Partnerships in Mathematics - Year 1	NJ Department of Education	9/1/2013	8/31/2014	\$367,700
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Total Awards for CSAM: 32 **Total for CSAM :** **\$3,679,874**

LIBRARY SERVICES

Mallery, Mary	Muslim Journeys Bookshelf Grant	National Endowment for the Humanities	1/1/2013	12/31/2013	*
Shapiro, Steven/ Lapp, Benjamin	Commemorative Program for the 75th Anniversary of Kristallnacht	NJ Council for the Humanities	9/1/2013	8/31/2014	\$3,000

* Books were awarded to the Library

Total Awards for Library Services : 2 **Total for Library Services :** **\$3,000**

RESEARCH ACADEMY FOR UNIVERSITY LEARNING (RAUL)

Murdock, Bryan / Thomas, William	The MSU EECO (Environment, Education, and Community Outreach) Project - Year 3	NJ Commission on National and Community Service	9/1/2012	8/31/2013	\$197,107
Talgar, Cigdem / Keiser, David Lee / Dalley, Julie	Competitive Pedagogy and Practice (CPP): Faculty Fellows Development Program	Center for Contemplative Mind in Society	1/1/2013	6/30/2013	\$5,000

Total Awards for RAUL : 2 **Total for RAUL :** **\$202,107**

STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)

Counseling and Psychological Services

Weinberg, Lisa	Increasing Women's Self-Efficacy through Self-Defense Training and Counseling	American Association of University Women	7/1/2013	6/30/2014	\$7,000
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Total Awards for SDCL : 1

Total for SDCL : \$7,000

Total Awards = 62

Grand Total: \$ 9,046,898