



**MONTCLAIR STATE UNIVERSITY**

## **Office of Research and Sponsored Programs**

### **ANNUAL REPORT: FISCAL YEAR 2014**

Report of Sponsored Programs Activity for the Period  
7/01/13-06/30/14

Prepared by the Office of Research and Sponsored Programs  
Fall 2014

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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 07/01/13 to 06/30/14 (FY 14), providing comparative FY 13/FY 14 summary as well as additional historical trend data. This report also provides detailed information on the types of sponsored program activities at MSU as well as data on student, post-doctoral and trainee involvement in sponsored activities. Also, new for this year, information on "ORSP Service Metrics" in FY 14 is provided in section VII of this report, detailing ORSP's numerous outreach, education and training activities.

**The Year in Brief:** Montclair State University received \$7.77M in new and continuing awards in FY 14, down by \$1.2M from FY 13's total of \$9.04M. Current economic realities, budget cuts and increased competition for federal and state funding are clearly having an impact on universities. The widening gap between proposals received and proposals awarded at preeminent research agencies such as the NIH and NSF is reflected in award reporting at many universities nationwide. Some universities are reporting declines in *both* awards received and proposals submitted. This is not the case at MSU. Proposals have increased for the fourth consecutive year—faculty and staff have seemingly not been dissuaded or discouraged by external factors. *This year's total of 157 proposals is the highest in MSU history.* In addition, in the past few years, MSU faculty and staff are increasingly submitting to a broadening portfolio of private sponsors and this is reflected in the near quadrupling of funding received from the private sponsors in FY 14. Also, in FY 14, over \$2.7M in program funding was received to carry out the impactful work of MSU's talented and dedicated faculty and staff, *directly* benefiting 13 counties across New Jersey.

**ORSP Initiatives, Workshops and Trainings in FY 14:** FY 14 was a busy and productive one for ORSP. First and foremost, as part of the OneMontclair initiative, ORSP began working closely with our colleagues in Finance and Treasury, as well as Cognizant, Inc., and Attain, Inc., on the implementation of PeopleSoft Finance, and more specifically, the PeopleSoft Grants module. We're excited about the efficiencies it promises in proposal tracking, grants management, and sponsored programs reporting.

In FY 14, ORSP announced the availability of PIVOT to the MSU community. PIVOT is the "gold standard" in identifying funding opportunities for research as well as programs in the sciences, education, arts, and the humanities. It has the added feature of providing faculty with access to over 3 million scholarly profiles worldwide from which potential internal and external partnerships might be identified and forged. In only a few short months, over 160 PIVOT accounts for MSU faculty and staff have been created!

ORSP hosted and sponsored two grant writing workshops delivered by Dr. Robert Porter, a national recognized expert on grant writing, and Dr. Keith Crutcher, former Scientific Review Officer at the National Institutes of Health. ORSP also co-hosted with University Advancement, MSU's 2<sup>nd</sup> Grant Recognition Event, where, for the first time, 7 individuals received individual awards in recognition of their success in obtaining external sponsorship to carry out their vital research, education, and service activities.

On behalf of ORSP, I congratulate MSU faculty and staff on your continued success! We very much look forward to working with you in the year ahead.

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

**Fiscal Year 2014 "At-a-Glance"**  
**A Summary of FY 14 Sponsored Programs Activity**  
**(with comparative FY 13 information)**

	FY 13	FY 14	% Change
<b>I. Number of Proposal Submissions</b>	<b>151</b>	<b>157</b>	<b>+3.97%</b>
<b>II. Total Proposed Dollar Amount</b>			
Direct Costs	29,174,756	35,681,795	+22.30%
Indirect Costs	5,332,483	5,857,261	+9.84%
<b>Total</b>	<b>\$34,507,239</b>	<b>\$41,539,056</b>	<b>+20.38%</b>
<b>III. Number of Award Actions</b>			
	FY 13	FY 14	
	62	59	-4.84%
<b>IV. Total Awarded Dollar Amount*</b>			
	FY 13	FY 14	
Direct Costs	\$8,125,949	\$6,871,395	-15.44%
Indirect Costs	\$920,949	\$696,532	-24.37%
<b>Total</b>	<b>\$9,046,898</b>	<b>\$7,567,927</b>	<b>-16.35%</b>
<b>VI. Expense Activity**</b>			
	FY 13	FY 14	
Direct Expenses	\$10,823,643	\$10,523,423	-2.77%
Indirect Expenses	\$966,244	\$869,857	-9.98%
<b>Total</b>	<b>\$11,789,887</b>	<b>\$11,393,280</b>	<b>-3.36%</b>

\*Proposals submitted by ORSP and coordinated with the University Foundation 501 c3 at time of award set-up are not included in the above awarded dollar total as they are reported separately by University Advancement.

- \*1 award from the Templeton Foundation of \$195,775 (CEHS)
- \*3 awards from the NJ Dept. of Environmental Protection totaling \$10,410 (CSAM)
- \*1 award from Microryza, Inc. (CSAM) totaling \$7,355

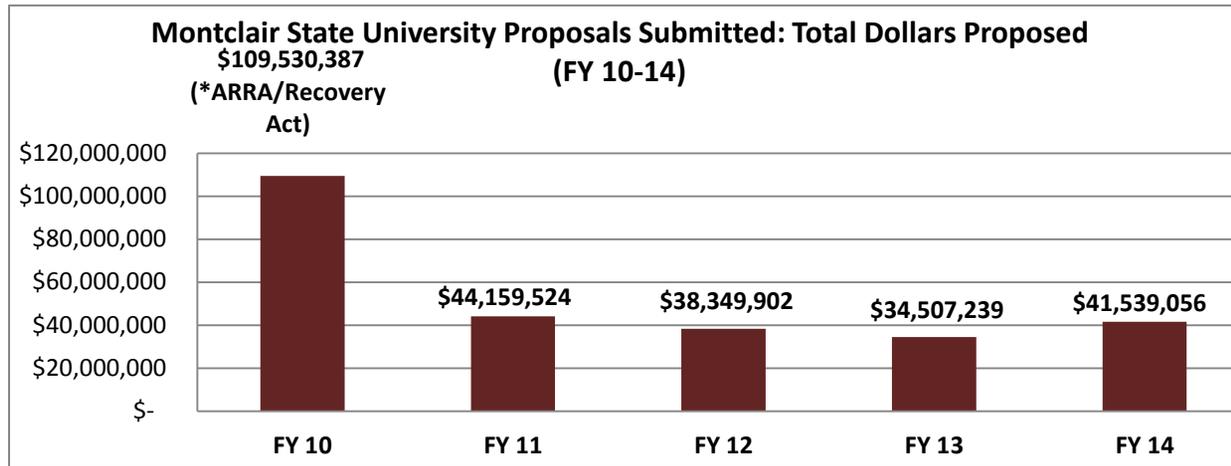
\*\*Expense activity includes all MSU Sponsored Programs Expense Activity (Research and Development, & Programmatic). R&D Expense activity by FY is a widely accepted indicator of institutional research productivity. The latest R&D expenditure survey, as reported to, and published online by the National Science Foundation's Higher Education Research & Development Survey (HERD) shows MSU with \$5.1M in R&D expense activity in FY 12. As of this date, NSF has not posted FY 13's HERD report, however, MSU reported \$4.57M in R&D expenditures to NSF HERD for FY 13.

**Montclair State University: Proposals Submitted and Proposed Dollar Amount by College/Division (FY 13/ FY 14)**

College / Division	Fiscal Year 2013 (July 1, 2012-June 30, 2013)				Fiscal Year 2014 (July 1, 2013-June 30, 2014)				% Change Total Dollars Proposed (FY 13 to FY 14)
	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	7	4.64%	234,012	0.68%	1	0.64%	40,000	0.10%	-82.91%
CEHS	29	19.21%	7,975,609	23.11%	37	23.57%	11,534,659	27.77%	44.62%
CHSS	18	11.92%	3,038,893	8.81%	24	15.29%	6,400,399	15.41%	110.62%
CSAM	84	55.63%	21,289,552	61.70%	86	54.78%	20,840,072	50.17%	-2.11%
SBUS	3	1.99%	1,367,306	3.96%	1	0.64%	2,725	0.01%	-99.80%
SLCE	4	2.65%	537,766	1.56%	1	0.64%	2,490,450	6.00%	363.11%
GLOBAL ED	-	-	-	-	2	1.27%	25,000	0.06%	-
LIBRARY									
SVCS	3	1.99%	8,700	0.03%	1	0.64%	20,000	0.05%	129.89%
SDCL	2	1.32%	32,001	0.09%	3	1.91%	184,250	0.44%	475.76%
FACILITIES	1	0.66%	23,400	0.07%	1	0.64%	1,500	0.00%	-93.59%
<b>Total</b>	<b>151</b>	<b>100.00%</b>	<b><u>\$34,507,239</u></b>	<b>100.00%</b>	<b>157</b>	<b>100.00%</b>	<b><u>\$41,539,056</u></b>	<b>100.00%</b>	<b>20.38%</b>

For the fourth consecutive year, the number of proposals submitted by MSU faculty and staff has increased, representing a 15.4% increase from 136 proposals in FY 11, to 157 proposals in FY 14, the highest total in MSU history.

In addition, MSU's proposed dollar amount increased by nearly 17% in FY 14, with the average proposal request increasing by 13%, mostly driven by increasing requests to federal and state sponsors. This represents the 2<sup>nd</sup> largest amount in the last 5 FY's (not including the Recovery Act Year).

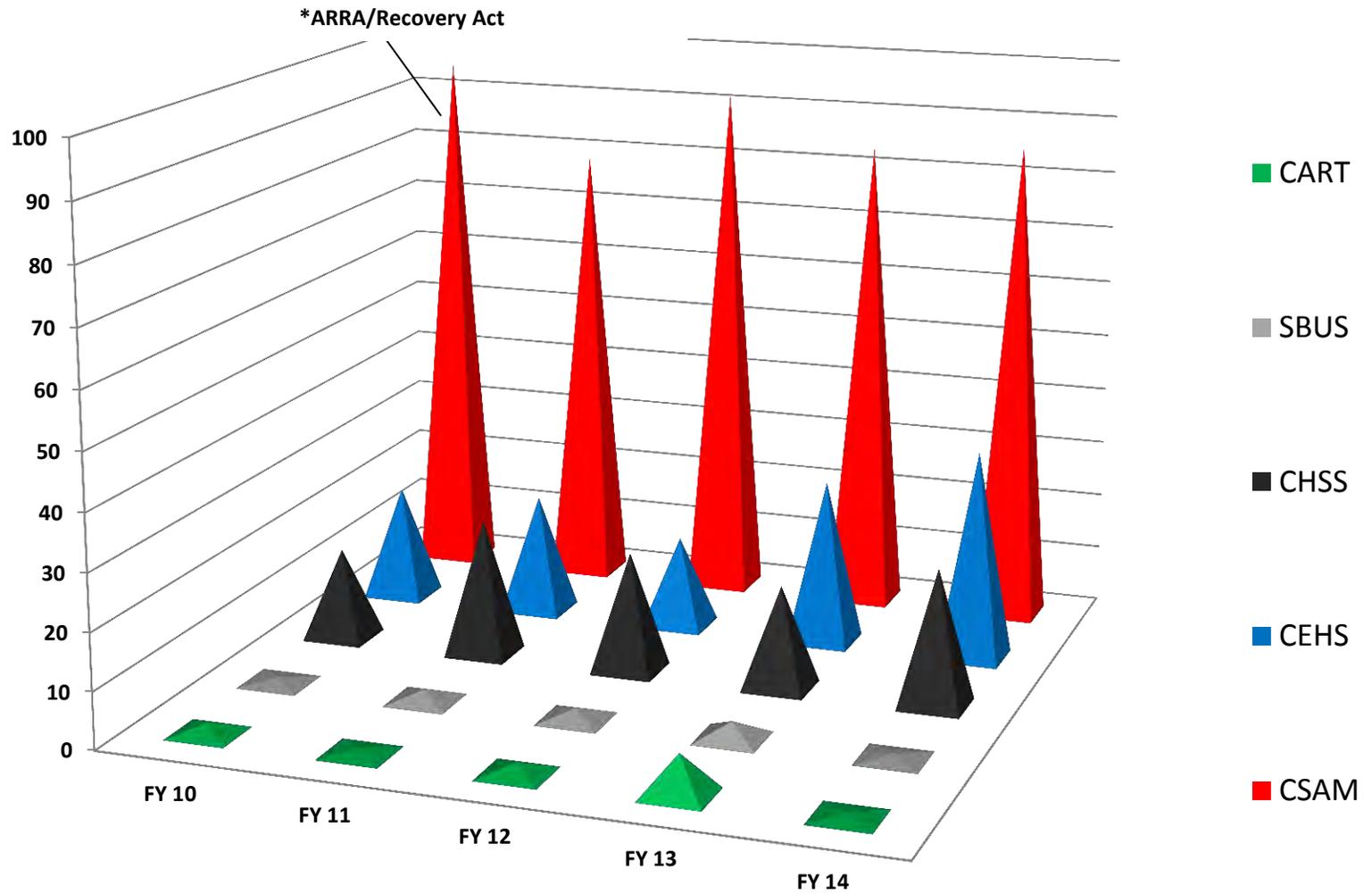


**Proposals Submitted: Total Dollars Proposed by College/Division (FY 10-14)**

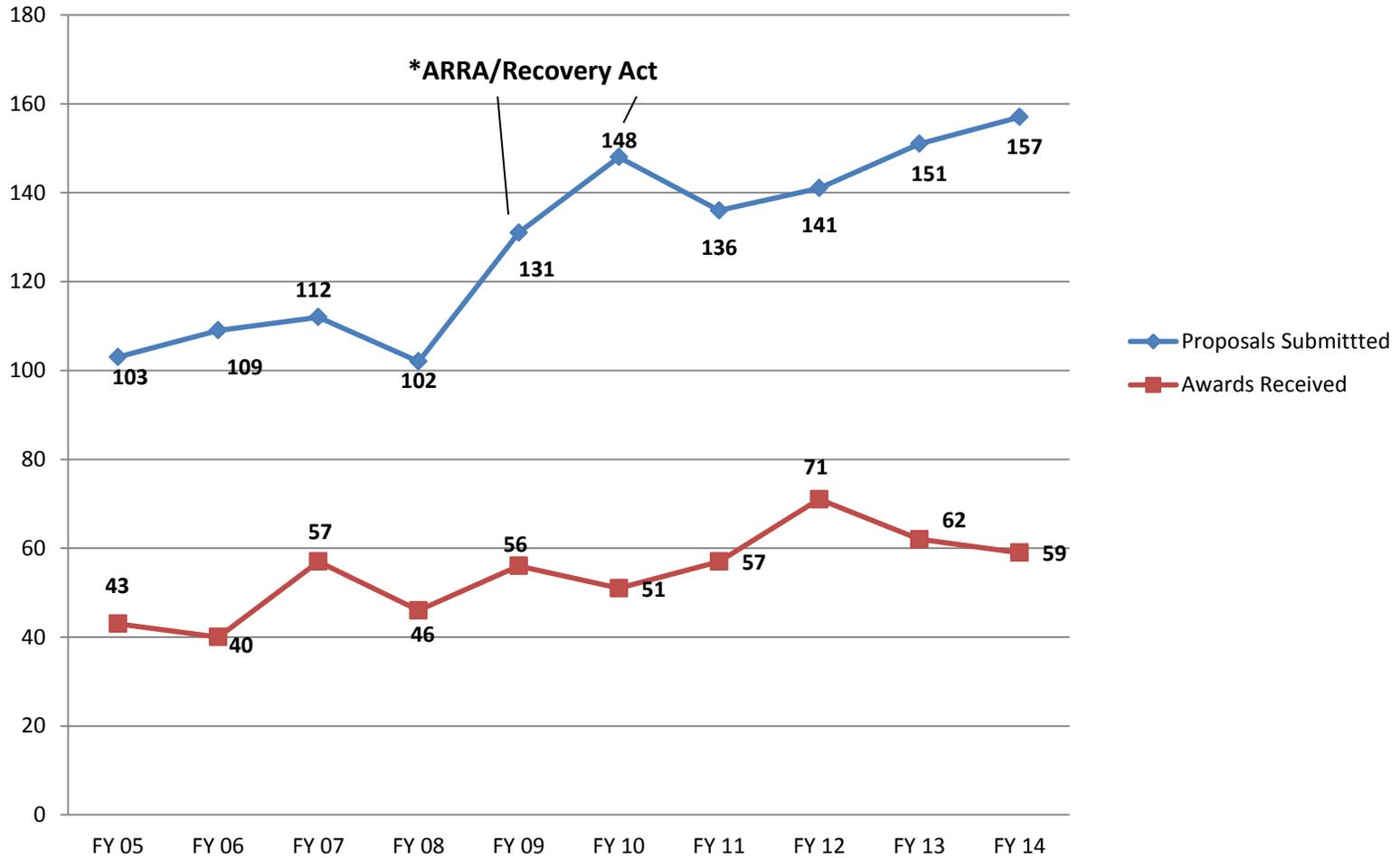
College / Division	FY 10	FY 11	FY 12	FY 13	FY 14	% change FY 13/14
College of the Arts (CART)	90,000	75,000	93,050	234,012	40,000	-82.91%
College of Education and Human Services (CEHS)	16,319,457	5,028,492	4,842,349	7,975,609	11,534,659	44.62%
College of Humanities and Social Sciences (CHSS)	2,560,913	2,687,570	6,397,313	3,038,893	6,400,399	110.62%
College of Science and Mathematics (CSAM)	60,405,552	31,282,057	25,585,514	21,289,552	20,840,072	-2.11%
School of Business (SBUS)	5,000	4,039,531	309,482	1,367,306	2,725	-99.80%
Service Learning and Community Engagement	557,530	551,039	239,594	537,766	2,490,450	363.11%
Global Education	-	-	20,000	-	25,001	
Library Services	-	-	5,700	8,700	20,000	129.89%
*Admin. and Student Svcs.	29,591,935	-	-	-	-	-
Student Development and Campus Life (SDCL)	-	495,835	856,900	32,001	184,250	475.76%
Facilities (Fire Safety)	-	-	-	23,400	1,500	-93.59%
<b>Totals:</b>	<b>\$ 109,530,387</b>	<b>\$ 44,159,524</b>	<b>\$ 38,349,902</b>	<b>\$ 34,507,239</b>	<b>\$ 41,539,056</b>	<b>20.38%</b>

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

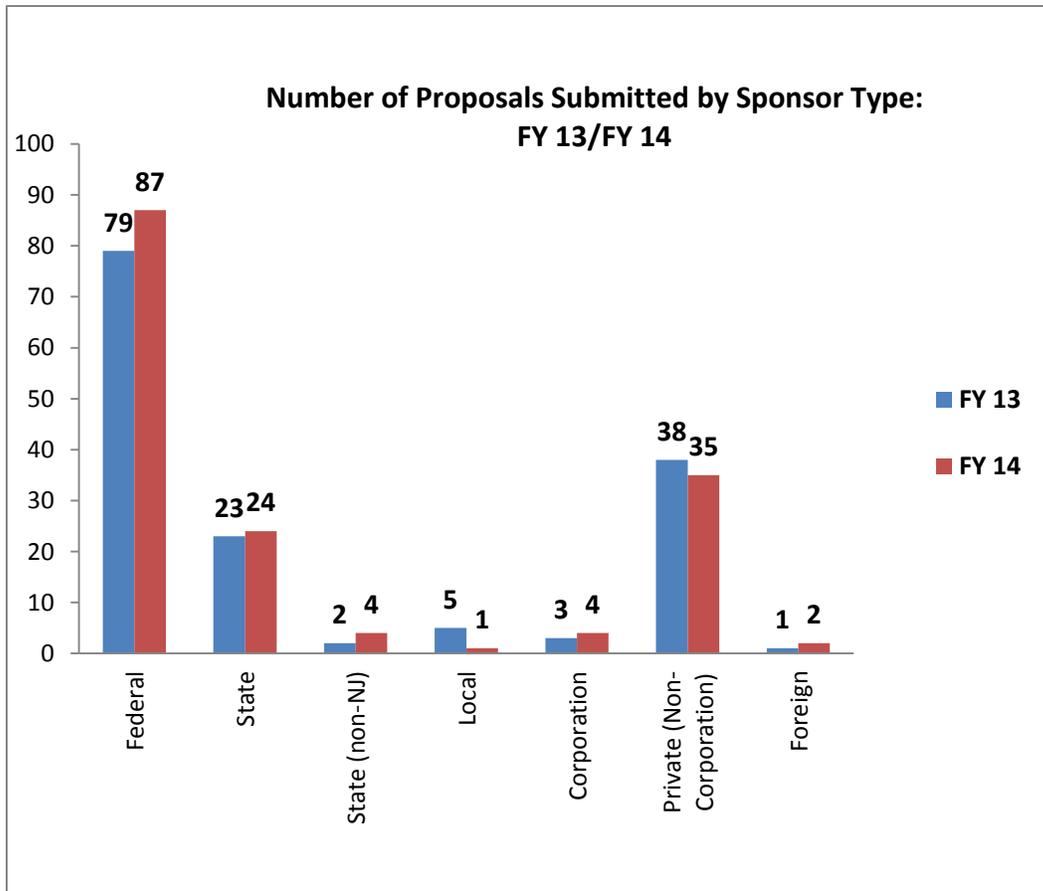
# Total Number of Proposals by College (FY 10-14)



### Montclair State University: Number of Proposals Submitted and Awards Received (FY 05-14)



*\*In FY 09 and FY 10, a total of 21 additional submissions were generated by the American Reinvestment and Recovery Act of 2009. As previously mentioned, the widening gap between proposal applications received and proposals awarded at preeminent research agencies such as the NIH and NSF, particularly since the 2013 federal sequester, has impacted universities nationwide. Those cuts have been partially restored but not completely.*



**Proposed Dollar Amount by Sponsor Type: FY 13/14**

	<b>FY 13</b>	<b>FY 14</b>	<b>% change</b>
Federal	\$24,852,302	\$28,181,277	11.81%
State	\$2,256,256	\$8,702,757	74.07%
State (non-NJ)	\$40,007	\$107,350	62.73%
Local	\$302,697	\$125,137	-141.89%
Corporation	\$64,643	\$88,975	27.35%
Private (Non-Corp)	\$6,961,334	\$4,330,834	-60.74%
Foreign	\$30,000	\$2,726	-1000.51%
<b>Total</b>	<b>\$34,507,239</b>	<b>\$41,539,056</b>	<b>+16.93%</b>
<b>Average Proposal Amount*</b>	<b>\$233,157.02</b>	<b>\$267,993.91</b>	<b>+13.00%</b>

\*Average proposal amount is adjusted for submissions (e.g. preliminary proposals) in which budgets are not requested.

MSU's proposed dollar amount increased by nearly 17% in FY 14, with the average proposal request increasing by 13%, mostly driven by increasing requests to federal and state sponsors. This represents the 2<sup>nd</sup> largest amount in the last 5 FY's (not including the Recovery Act Year).

**Total Number of Proposals Submitted and Proposed Amount by Federal Sponsor: FY 13/14**

**FY 13**

**FY 14**

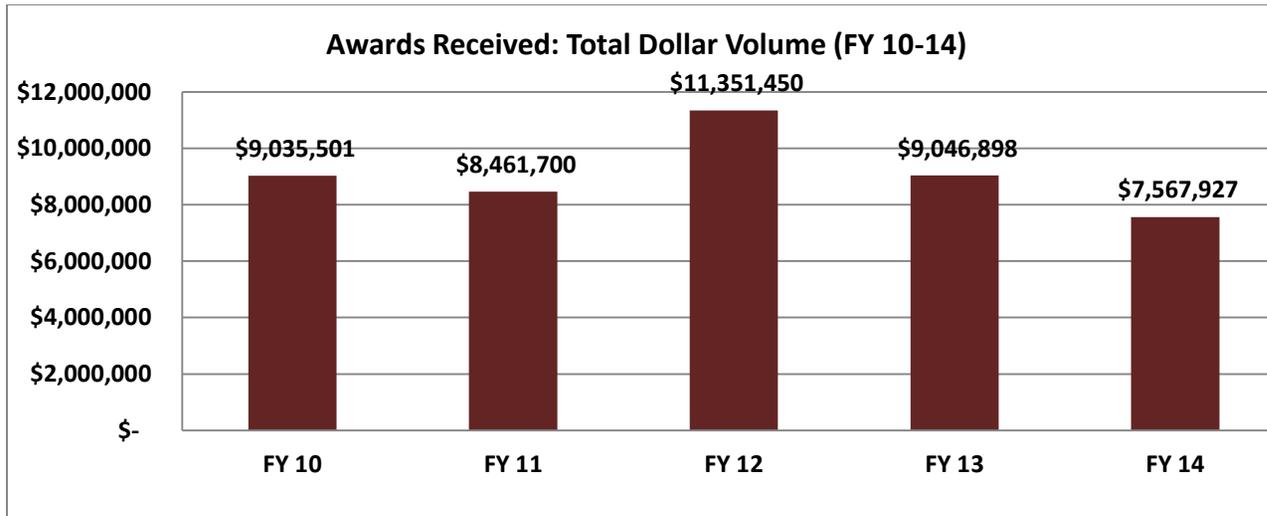
<b>Sponsor</b>	<b>Number</b>	<b>Amount</b>	<b>% of Total</b>	<b>Avg. Proposal Request*</b>	<b>Number</b>	<b>Amount</b>	<b>% of Total</b>	<b>Avg. Proposal Request*</b>	<b>% Change total requested FY 13/14</b>
National Science Foundation	39	\$13,826,045	55.63%	\$354,514	39	\$9,747,894	34.59%	\$249,946	-29.50%
National Institutes of Health	13	\$3,663,559	14.74%	\$281,812	17	\$6,304,266	22.37%	\$370,839	72.08%
Department of Education	1	\$235,878	0.95%	\$235,878	3	\$4,198,178	14.90%	\$1,399,393	1679.81%
Department of Defense	4	\$1,208,041	4.86%	\$302,010	5	\$4,231,958	15.02%	\$846,392	250.32%
DHHS	1	\$625,000	2.51%	\$625,000	3	\$1,508,160	5.35%	\$502,720	141.31%
Department of the Interior	-	-	-	-	1	\$149,086	0.53%	\$149,086	-
Department of Energy	1	\$150,113	0.60%	\$150,113					-100.00%
EPA	-	-	-	-	2	\$84,908	0.30%	\$42,454	-
Department of Agriculture	2	\$700,000	2.82%	\$350,000	1	\$100,000	0.35%	\$100,000	-85.71%
Department of Justice	-	-	-	-	3	\$900,378	3.19%	\$300,126	-
NASA	3	\$1,004,611	4.04%	\$334,870	1	\$39,086	0.14%	\$39,086	-96.11%
Federal Emergency Management Agency	1	\$23,400	0.09%	\$23,400	1	\$166,250	0.59%	\$166,250	610.47%
National Endowment for the Arts	2	\$100,000	0.40%	\$50,000	1	\$40,000	0.14%	\$40,000	-60.00%
National Security Agency	-	-	-	-	2	\$80,668	0.29%	\$40,334	-
National Park Service	-	-	-	-	1	\$17,892	0.06%	\$17,892	-
National Endowment for the Humanities	5	\$830,211	3.34%	\$166,042	3	\$537,611	1.91%	\$179,204	-35.24%
US Geological Survey	4	\$37,980	0.15%	\$9,495	1	\$5,000	0.02%	\$5,000	-86.84%
NOAA	1	\$685,139	2.76%	\$685,139					-100.00%
USAID	2	\$1,762,325	7.09%	\$881,163	1	\$19,942	0.07%	\$19,942	-98.87%
Partners for America	-	-	-	-	2	\$50,000	0.18%	\$25,000	-
<b>Totals</b>	<b>79</b>	<b>\$24,852,302</b>	<b>100.00%</b>	<b>\$322,757.17</b>	<b>87</b>	<b>\$28,181,277</b>	<b>100.00%</b>	<b>\$327,689.27</b>	<b>13.40%</b>

**Montclair State University: Awards Received and Awarded Dollar Amount by College/Division (FY 13 & FY 14 Comparative)**

College / Division	Fiscal Year 2013 (July 1, 2012-June 30, 2013)				Fiscal Year 2014 (July 1, 2013-June 30, 2014)				% Change Total Dollars Awarded (FY 13 to FY 14)
	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	3	4.84%	87,341	0.97%	3	5.08%	87,341	1.15%	0.00%
CEHS*	14	22.58%	2,961,359	32.73%	17	28.81%	2,628,346	34.73%	-12.67%
CHSS	8	12.90%	2,106,217	23.28%	10	16.95%	1,832,648	24.22%	-14.93%
CSAM	32	51.61%	3,679,874	40.68%	25	42.37%	2,733,345	36.12%	-34.63%
SBUS	-	-	-	-	-	-	-	-	-
SDCL	-	-	7,000	-	-	-	-	-	-
SLCE	2	3.23%	202,107	2.23%	2	3.39%	261,347	3.45%	22.67%
LIBRARY SVCS	2	3.23%	3,000	0.03%	-	-	-	-	-
FACILITIES	-	-	-	-	2	3.39%	24,900	0.33%	-
<b>Total</b>	<b>61</b>	<b>98.39%</b>	<b><u>\$9,046,898</u></b>	<b>99.92%</b>	<b>59</b>	<b>100.00%</b>	<b><u>\$7,567,927</u></b>	<b>100.00%</b>	<b>-16.35%</b>

\*Proposals submitted by ORSP and coordinated with the University Foundation 501 c3 at time of award set-up and Management are not included in the above total as they are reflected in University Advancement's Reports for FY 14. They are:

- \*1 award from the Templeton Foundation of \$195,775 (CEHS)
- \*3 awards from the NJ Dept. of Environmental Protection totaling \$10,410 (CSAM)
- 1 award from Microryza, Inc. (CSAM) totaling \$7,355



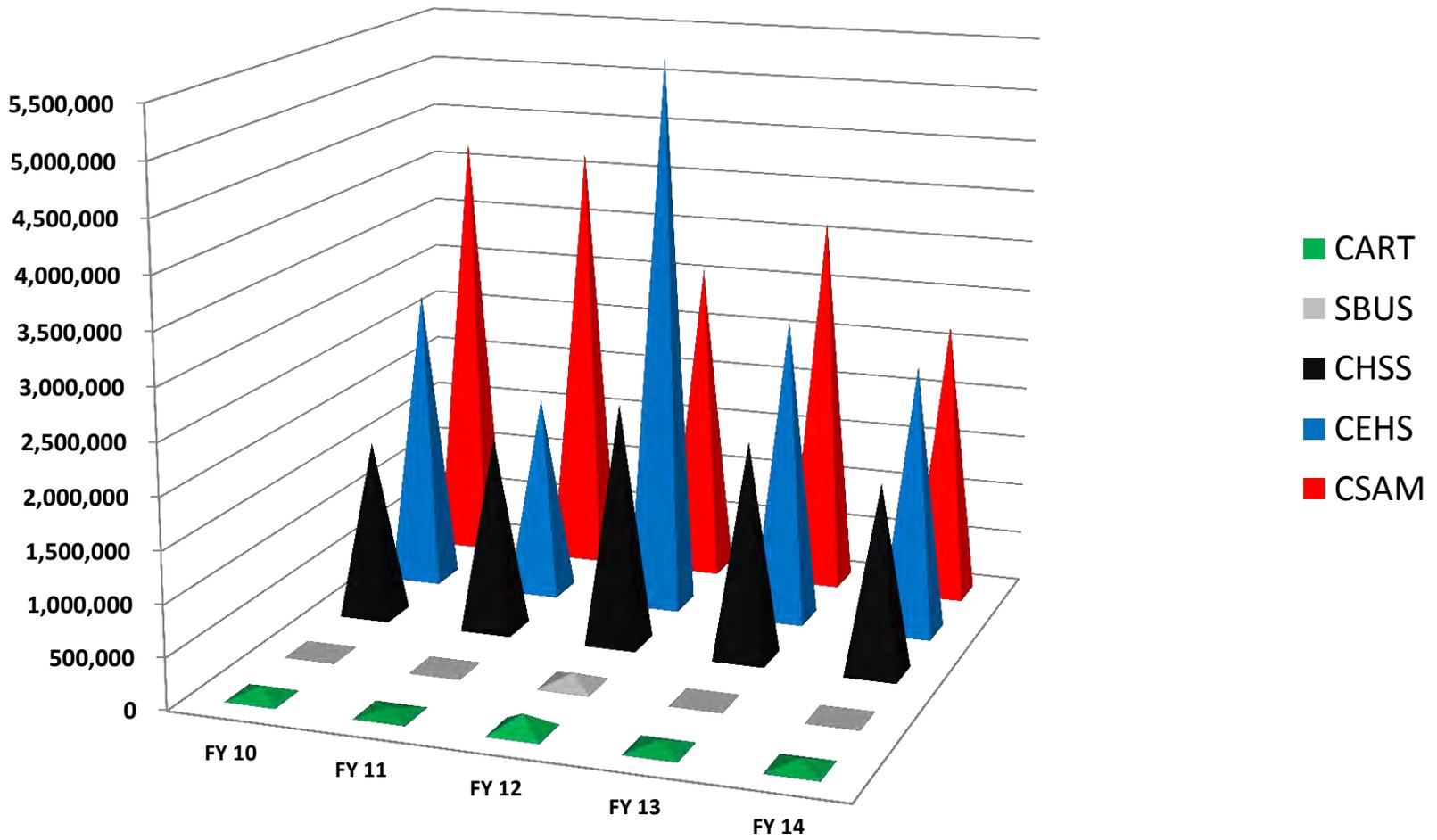
**Awards Received: Total Dollar Volume by College/Division (FY 10-14)**

<b>College / Division</b>	<b>FY 10</b>	<b>FY 11</b>	<b>FY 12</b>	<b>FY 13</b>	<b>FY 14</b>	<b>% change FY 13/14</b>
College of the Arts (CART)	106,872	65,622	162,341	87,341	87,341	0.00%
College of Education and Human Services (CEHS)	2,922,640	1,949,121	5,422,564	2,961,359	2,628,346	-11.25%
College of Humanities and Social Sciences (CHSS)	1,725,575	1,899,060	2,347,838	2,106,217	1,832,648	-12.99%
College of Science and Mathematics (CSAM)	4,244,914	4,224,941	3,105,785	3,679,874	2,733,345	-25.72%
School of Business (SBUS)	-	-	110,000	-	-	-
Other (Academic Affairs)*	35,500	270,000	199,538	205,107	261,347	-
SDCL**	-	52,956	3,384	7,000	-	-
University Facilities/Fire Safety	-	-	-	-	24,900	-
<b>Totals:</b>	<b>\$9,035,501</b>	<b>\$8,461,700</b>	<b>\$11,351,450</b>	<b>\$9,046,898</b>	<b>\$7,567,927</b>	<b>-16.35%</b>

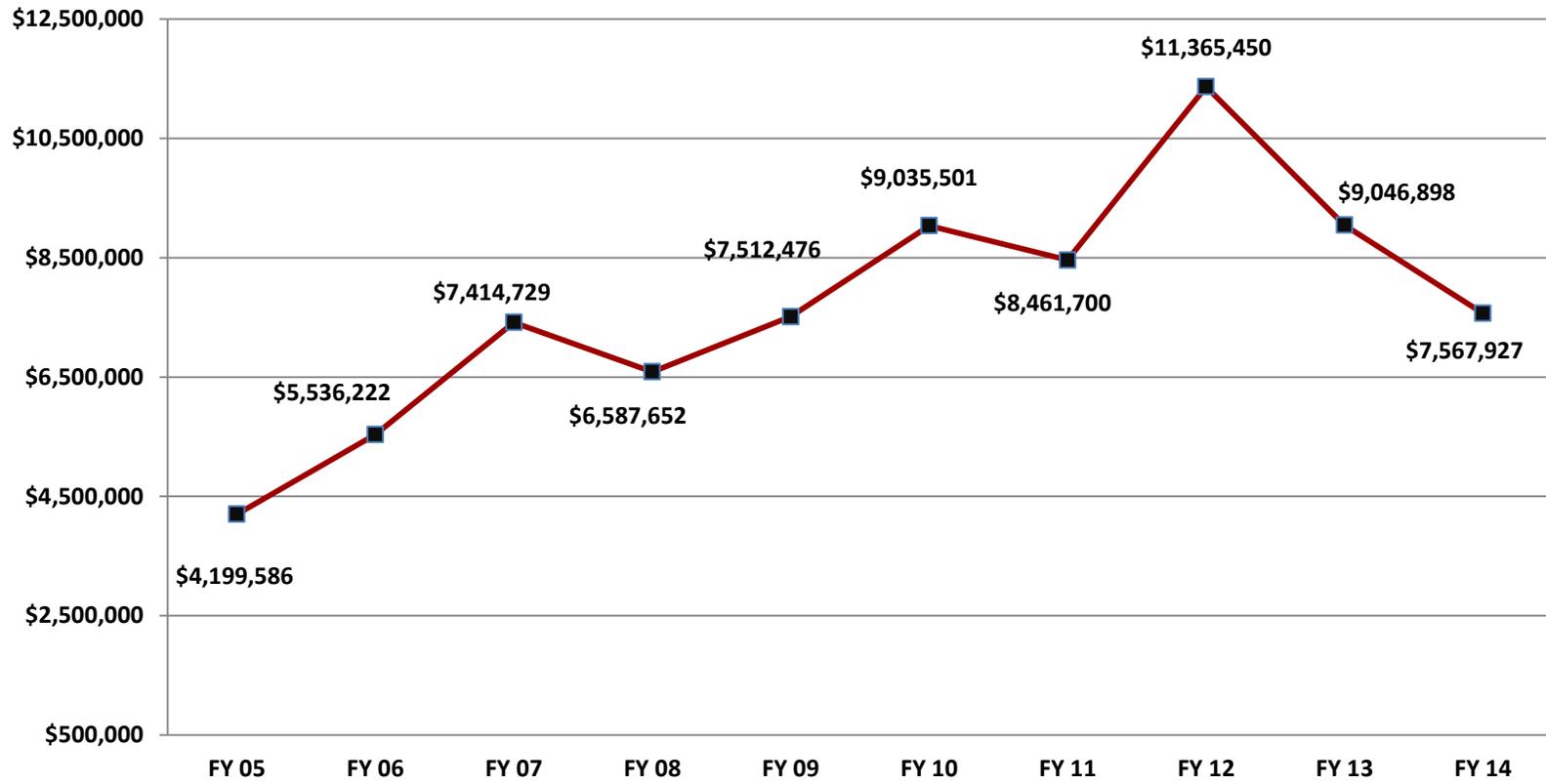
\*Includes Service Learning and Community Engagement, the Global Education Center, and Library Services

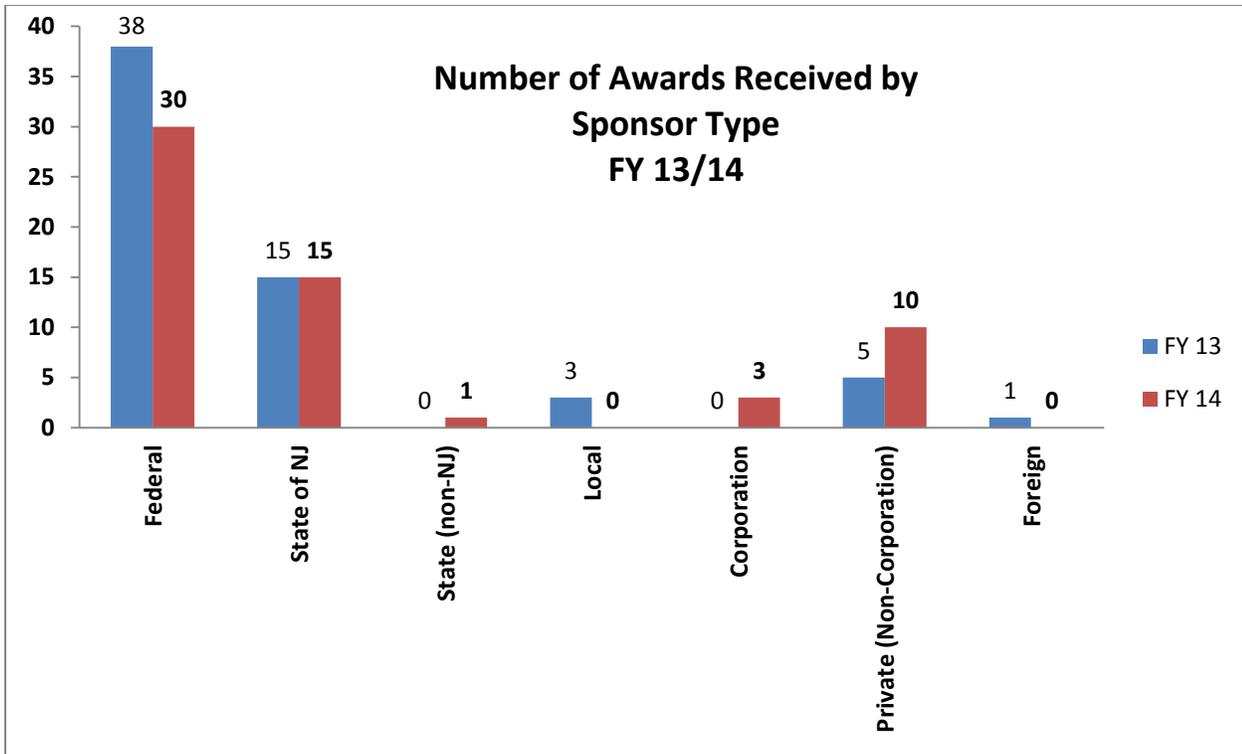
\*\*Student Development and Campus Life

### Total Amount of Awards Received by College (FY 10-14)



### Montclair State University: Total Amount Awards Received: FY 05-14





**Total Awards Received by Sponsor Type: FY 13/14:**

	FY 13	FY 14	% change
Federal	\$5,814,521	\$4,461,922	-23.26%
State of NJ	\$3,017,093	\$2,758,539	-8.57%
State (non-NJ)	-	\$3,500	-
Local	\$110,775	-	-
Corporation	-	\$16,500	-
Private (Non-Corporation)	\$74,509	\$327,466	339.50%
Foreign	\$30,000	-	-
<b>Total</b>	<b>\$9,046,898</b>	<b>\$7,567,927</b>	<b>-16.35%</b>

**Total Number of Awards Received and Awarded Amount by Federal Sponsor (FY 13/14)**

**FY 13**

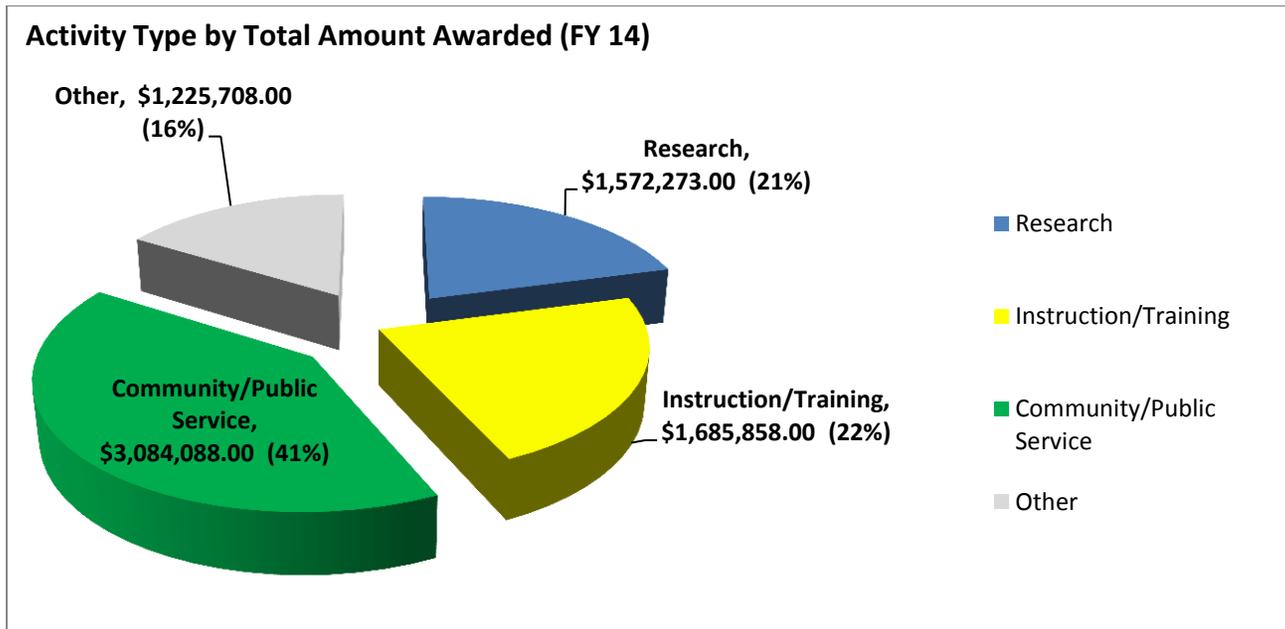
**FY 14**

<b>Sponsor</b>	<b>Number</b>	<b>Amount</b>	<b>% Total</b>	<b>Avg. Award Amount</b>	<b>Number</b>	<b>Amount</b>	<b>% Total</b>	<b>Avg. Award Amount</b>	<b>% change total amount awarded: FY 13/14</b>
National Science Foundation	14	\$2,411,555	41.47%	\$172,254	12	\$2,380,654	53.35%	\$198,388	-1.28%
National Institutes of Health	2	\$149,618	2.57%	\$74,809	3	\$170,593	3.82%	\$56,864	14.02%
Department of Education	5	\$1,803,267	31.01%	\$360,653	3	\$1,314,784	29.47%	\$438,261	-27.09%
Department of Defense	2	\$103,416	1.78%	\$51,708	1	\$53,070	1.19%	\$53,070	-48.68%
EPA	1	\$65,014	1.12%	\$65,014	1	\$24,978	0.56%	\$24,978	-61.58%
Department of Agriculture	1	\$349,963	6.02%	\$349,963	-	-	-	-	-
Department of Energy	1	\$51,246	0.88%	\$51,246	-	-	-	-	-
Department of the Interior	1	\$69,673	1.20%	\$69,673	-	-	-	-	-
NASA	4	\$399,947	6.88%	\$99,987	3	\$53,294	1.19%	\$17,765	-86.67%
Federal Emergency Management Agency	-	-	-	-	1	\$23,400	0.52%	\$23,400	-
National Endowment for the Arts	1	\$25,000	0.43%	\$25,000	1	\$25,000	0.56%	\$25,000	-
National Security Agency	1	\$10,788	0.19%	\$10,788	1	\$5,804	0.13%	\$5,804	-46.20%
National Endowment for the Humanities	1	-	-	-	-	-	-	-	-
US Geological Survey	2	\$10,000	0.17%	\$5,000	1	\$5,000	0.11%	\$5,000	-50.00%
Vietnam Education Foundation	1	\$29,700	0.51%	\$29,700	-	-	-	-	-
Corporation for National and Community Service	-	-	-	-	1	\$260,347	5.83%	\$260,347	-
USAID	-	-	-	-	1	\$19,998	0.45%	\$19,998	-
DHHS	1	\$335,334	5.77%	\$335,334	1	\$125,000	2.80%	\$125,000	-62.72%
<b>Totals</b>	<b>38</b>	<b>\$5,814,521</b>	<b>100.00%</b>	<b>\$153,014</b>	<b>30</b>	<b>\$4,461,922</b>	<b>100.00%</b>	<b>\$148,731</b>	<b>-23.26%</b>

**Type of Activity: FY 13/14 Awarded Projects/Programs**

	FY 13				FY 14			
	Number	%	Amount	%	Number	%	Amount	%
Research	33	53.23%	\$ 3,081,915.00	34.07%	33	55.93%	\$1,572,273.00	20.78%
Instruction/Training	11	17.74%	\$ 4,166,767.00	46.06%	12	20.34%	\$1,685,858.00	22.28%
Community/Public Service	12	19.35%	\$ 1,697,087.00	18.76%	6	10.17%	\$3,084,088.00	40.75%
Other	6	9.68%	\$ 101,129.00	1.12%	8	13.56%	\$1,225,708.00	16.20%
<b>Total</b>	<b>62</b>	<b>100.00%</b>	<b>\$ 9,046,898.00</b>	<b>100.00%</b>	<b>59</b>	<b>100.00%</b>	<b>\$7,567,927.00</b>	<b>100.00%</b>

\*Other = Arts, Hnd Trumanities, Conference Activities



**Collaborative Activity: FY 14 Awarded Projects/Programs (Research)**

	FY 13		FY 14	
	Number	Percentage	Number	Percentage
Single Principal Investigator	10	30.30%	15	45.45%
Interdepartmental	-	-	-	-
Intra-departmental	7	21.21%	7	21.21%
Inter-College	-	-	1	3.03%
External Collaborations	16	48.48%	10	30.30%
<b>Total</b>	<b>33</b>	<b>100.00%</b>	<b>33</b>	<b>100.00%</b>

**Collaborative Activity: FY 14 Awarded Projects/Programs (Non-Research)**

	FY 13		FY 14	
	Number	Percentage	Number	Percentage
Single Project Director	11	37.93%	13	50.00%
Interdepartmental	10	34.48%	3	11.54%
Intra-departmental	5	17.24%	4	15.38%
Inter-College	-	-	2	7.69%
External Collaborations	3	10.34%	4	15.38%
<b>Total</b>	<b>29</b>	<b>100.00%</b>	<b>26</b>	<b>100.00%</b>

**Training/Employment Data: FY 13/14 Awards by Position**

	FY 13		FY 14	
	# of Positions	Total	# of Positions	Total
Student Workers*(hourly)	62	\$455,364	40	\$237,463
Graduate Assistants (Stipend + Tuition)**	23	\$516,287	19.5	\$539,314
Post-Doctoral Associates	3	\$76,297	4	\$45,000
Trainees ***	157	\$1,251,799	217	\$1,386,124
<b>Totals</b>	<b>245</b>	<b>\$2,299,747</b>	<b>280.5</b>	<b>\$2,207,901</b>

\*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.

**Community Impact:** To follow, are just some of the *many* sponsored activities and programs that are directly impacting our communities, state and region. In FY 14, over \$3M in funding was awarded to MSU in support of programs and projects impacting the many communities and counties in the tri-state region. (And indeed, two awards with international impact!) For more information on MSU's sponsored activities, please visit [ORSP's awards archive](#).

#### [Montclair State University Noyce Teacher Scholarship Program](#)

PI's: Dr. Sandra Adams, Biology and Molecular biology (CSAM) and Dr. Douglas Larkin, Secondary and Special Education (CEHS)

\$1,447,272 from the National Science Foundation

The Montclair State University Robert Noyce Teacher Scholarship Program is dedicated to recruiting, preparing, and supporting new science teachers for New Jersey's high-need K-12 school districts.

#### [Teacher Quality Partnership Grant](#)

PI: Dr. Jennifer Robinson, Center for Pedagogy (CEHS)

\$860,289 (Year 5) from the U.S. Department of Education

The project involves one hundred new teachers who serve as "resident teachers" by participating in full-time, paid clinical apprenticeships with highly qualified mentor teachers.

#### [Promoting Early Childhood Mental Health in Counties Impacted by Superstorm Sandy](#)

Project Director: Dr. Gerry Costa, Director, Center for Autism and Early Childhood Mental Health (CEHS) \$360,000 from the New Jersey Division of Children and Families (DCF)

This 2 year, \$720K program partners with the New Jersey DCF and localities most directly impacted by Superstorm Sandy to provide a network of professional education and training support, and to promote Infant/Early Childhood Mental Health (IECMH) services and evidence-based practices in community-based settings that target young children, birth to age eight, and their parents, families and/or other caregivers.

#### [Passaic River Basin EcoExplorers Program for Paterson Middle School Students](#)

Project Director: Dr. Meiyin Wu, Passaic River Institute (CSAM)

\$17,982 from the U.S. National Park Service

The program comprises three, two-week, all-day sessions for Paterson-resident middle school students and includes activities such as field studies, computer exercises, and, to a lesser extent, laboratory explorations. Students visit and study notable natural areas (e.g., the Great Falls) and environmental infrastructure (Newark's water treatment plant) and learn about various areas of environmental science.

#### [New Jersey Child Welfare Training Partnership](#)

Project Director: Dr. Luis Montesinos, Acting Dean (CHSS)

\$955,000 from the New Jersey Division of Children and Families (subaward from Rutgers University)

In collaboration with the New Jersey Child Welfare Training Academy (NJCWTA), the Robert J. McCormick Center for Child Advocacy and Policy at MSU (Director, Jason Dickinson) is responsible for providing in-service training to DYFS staff, including all levels of leadership, throughout the state's public child welfare system in accordance with the Modified Settlement Agreement. Currently in the second phase of the program, the NJCWTP is providing Concurrent Planning and Assistant Family Service Worker training.

**Montclair State University: Internal Awards Program:  
Fiscal Year 2013-Fiscal Year 2015**

<b>Internal Awards</b>	<b>FY 13</b>		<b>FY 14</b>		<b>FY 15</b>	
	Number of Awards	Total Awarded	Number of Awards	Total Awarded	Number of Awards	Total Awarded
Summer Grant Proposal Development Award	9	36,750	10	40,000	9	40,000
Career Development Award	-	-	20	55,080	14	49,746
Separately Budgeted Research	11	34,600	8	37,890	11	43,980
Student Faculty Research	7	12,700	3	6,000	2	4,000
<b>Total</b>	<b>27</b>	<b>84,050</b>	<b>41</b>	<b>138,970</b>	<b>36</b>	<b>137,726</b>
<b><u>Average Award Amount</u></b>		<b><u>\$3,113</u></b>		<b><u>\$3,389</u></b>		<b><u>\$3,826</u></b>

# MONTCLAIR STATE UNIVERSITY

## Comparative Summary of Sponsored Program Expense Activity

FY 2014 and FY 2013

<u>Natural Expense Category</u>	<u>FY2014</u>	<u>Expenses</u>	<u>FY2013</u>	<u>Expenses</u>	<u>%</u>	<u>Change</u>
Salary & Wages	5,833,963		5,757,672			1.33%
Fringe Benefits	617,310		650,681			-5.13%
Equipment	309,718		453,658			-31.73%
Other Direct Expenses	3,762,432		3,961,632			-5.03%
Total Direct Expenses	10,523,423		10,823,643			-2.77%
Indirect Expenses	869,857		966,244			-9.98%
Total Sponsored Program Expenses	\$ 11,393,280		\$ 11,789,888			-3.36%

**Source: Office of Grant Accounting**

## ORSP Service Metrics and Professional Development in FY 2014

To follow are just some of the many ways in which ORSP engages with the MSU community and keeps up-to-date on the latest developments in the field of research administration and sponsored programs funding. We look forward to continued service in FY 2015 and beyond! You can find all of these workshops on [ORSP's](#) homepage!

### A. ORSP Sponsored and Hosted Workshops

- [\*Writing Successful Grants\*](#)  
Tuesday, October 8, 2013  
Sokol Seminar Room, 1st floor Science Hall  
Presented by Robert Porter, PhD (full DVD available upon request).
- ***New Faculty Orientation 2013***  
Monday, October 15, 2013  
University Hall Conference Center  
Presented by: The Associate Provost of Academic Affairs, ORSP Staff, the Office of Grant Accounting and a 3 member faculty panel that discussed their experiences in applying for grant funding and “tips” for getting funded.
- ***Managing Your Grant: A Roadmap to the Finish Line***  
Thursday, November 7, 2013  
University Hall Room 4116  
Presented by Catherine Bruno, ORSP Post-Award Officer, and Carol Gelormine, Manager, Office of Grant Accounting
- ***Federal Equipment Acquisition and Development Opportunities***  
Friday, December 6, 2013  
CSAM College Meeting  
Presented by ORSP Director Ted Russo, and Pre-Award Staff Marina Aloyets and Dana Natale
- ***GRANTS: Funding Opportunities for Graduate Students and Valuable Grant Writing Tips and Resources***  
January 18, 2014  
Graduate Development Conference  
Presented by ORSP Pre-Award Staff, Marina Aloyets and Dana Natale.
- ***FY15 Internal Awards Informational Session***  
January 29, 2014  
Presented by ORSP Post-Award Staff, Catherine Bruno and Sangeeta Mehra
- ***Submitting to the National Institutes of Health (NIH) with Dr. Keith Crutcher***  
March 28, 2014  
University Hall 1010  
Presented by Dr. Keith Crutcher, former NIH Scientific Review Officer

## **B. ORSP/University Advancement 2<sup>nd</sup> Annual Grant Recognition Event**

- April 15, 2014
- 60 attendees
- Awards presented:
  - Gerard Costa, Provost's Grant Recognition Award for “Sustained External Sponsorship in Support of Research, Scholarship and Service Activities”
  - Robert McCormick, Special Grant Recognition for “Sustained External Sponsorship in Support of Research, Scholarship and Service Activities”
  - Recognition Awards:
    - Sandra Adams (Biology and Molecular Biology, CSAM) and Douglas Larkin (Secondary and Special Education, CEHS)
    - Anna Feldman (Linguistics, CHSS) and Jing Peng (Computer Science, CSAM)
    - Jennifer Robison (Center of Pedagogy, CEHS)
    - Jedediah Wheeler (Arts and Cultural Programming, CART)
    - Bryan Murdock (Director, Service-Learning and Community Engagement, Academic Affairs)

## **C. ORSP Funding Dissemination Efforts**

- ORSP listserv disseminated 409 opportunities in FY14.
- Pre-award staff distributes approximately 10 to 15 individual opportunities per month.
- ORSP’s participation in Undergraduate Research Day, providing interested undergraduates and graduates information on applying for [individual fellowships and scholarships](#).
- ORSP announced the availability of [PIVOT](#) to the MSU Community.

## **D. ORSP Newsletter**

- Second volume of “Windows of Opportunity”
- Published 3 seasonal issues—Fall, Winter, and Spring
- Featured 17 original articles and interviews contributed by ORSP’s staff

## **E. Professional Development by ORSP Staff Members and attendance at Professional Conferences**

- In FY 2014, both Ted Russo and Marina Aloyets successfully passed examination and received the professional designation of “Certified Research Administrator,” (C.R.A.) from the Research Administrator’s Certification Council.
- Ted Russo: AASCU/Grants Resource Conference (August, 2013) on “Funding Competitiveness.”
- Marina Aloyets: International Network of Research Management Societies ([INORMS](#)) Congress “Enabling the Global Research Enterprise from Policy to Practice”
- Dana Natale: National Council of University Research Administrators ([NCURA](#)) “2013 Annual Meeting”; National Organization of Research Development Professionals ([NORDP](#)) “6th Annual Research Development Conference”
- Catherine Bruno: Successfully completed NCURA’s Online Class on Federal Contracting and participated in NCURA’s Omni-Circular webinar.
- Sam Wolverton: National Council of University Research Administrators (NCURA) “Level I: Fundamentals of Sponsored Project Administration Workshop.”

Annual Report (2014): Proposals Submitted

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested	Type	Collab
<b>ACADEMIC AFFAIRS (AA)</b>								
<b>COLLEGE OF THE ARTS (CART)</b>								
<b>Arts and Cultural Programming</b>								
	Wheeler, Jedediah	To Support the Disabilities Transformed Project (Presenting and Multidisciplinary Works)	National Endowment for the Arts	1 /1 /2015	6 /30/2015	\$40,000		
<b>Total Proposals for CART: 1</b>			<b>Total Requested for CART:</b>			<b>\$40,000</b>		
<b>COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)</b>								
<b>Center for Autism and Early Childhood Mental Health</b>								
	Costa, Gerard	Promoting Early Childhood Mental Health in Counties Affected by Superstorm Sandy - Year 1	NJ Department of Children and Families	10/1 /2013	6 /30/2014	\$360,000		
	Costa, Gerard	Proposal for the Northern Regional and Lead Training Academy	NJ Department of Education	7 /18/2014	12/31/2017	\$3,114,401		
	Costa, Gerard	From the Womb to the Classroom: Building Protective Factors and Developmental Supports for Infants, Children, Families and Providers	NJ Department of Children and Families	7 /1 /2014	6 /30/2015	\$199,201		
<b>Center for Research and Evaluation on Education and Human Services (CREEHS)</b>								
	Bunger, Erin	Evaluation of the Shaping NJ Community Grants	Partners for Health	1 /1 /2014	9 /30/2014	\$2,506		
	Bunger, Erin/ Kyse, Eden	Evaluation of the Shaping NJ Community Grants	NJ Partnerships for Healthy Kids	1 /1 /2014	9 /30/2014	\$7,797		
	Bunger, Erin/ Kyse, Eden	Evaluation of the Shaping NJ Community Mini-Grant Project - Year 2	Family Health Initiatives	1 /1 /2014	9 /30/2014	\$26,733		
	Bunger, Erin/ Kyse, Eden	Formative Evaluation of the Montclair Lifelong Learning Institute	National Institutes of Health	4/1/2015	3 /31/2017	\$53,356		
	Bunger, Erin/ Kyse, Eden	Application for Evaluation Consultant	Association of Public Health Nutritionists	6/1/2014	2/28/2015	\$29,966		
	Bunger, Erin/ Kyse, Eden	Eat. Play. Live...Better Shared Measurement System Development and Community Health Assessment	Partners for Health	7/8/2014	6/30/2015	\$65,158		
	Bunger, Erin/ Kyse, Eden	Proposed Scope of Work: Paterson and Passaic County Community Health Assessment and Community Health Improvement Plan	City of Paterson, Division of Health	9/1/2014	9/10/2014	\$125,137		
	Kyse, Eden/ Swann-Jackson, Rebecca	Proposal for Evaluating the NJ GEAR UP Program	NJ Higher Education Consortium	7 /1 /2013	12/31/2013	\$35,414		
	Kyse, Eden	Grow NJ Kids Validation Study	NJ Department of Education	1 /1 /2015	12/31/2017	\$1,300,000		
	Kyse, Eden	Preschool Focus Group Technical Assistance and Training	NJ Community Development Corporation	4 /1 /2014	5 /31/2014	\$5,300		
	Swann-Jackson, Rebecca/ Kyse, Eden	Technical Assistance on Surveying Infant and Early Childhood Mental Health Professionals in New Jersey	NJ Department of Education	6 /1 /2013	8 /31/2013	\$10,000		
<b>Center of Pedagogy</b>								
	Wilson, Leslie	Created Equal: America's Civil Rights Struggle	Gilder Lehrman Institute of American History and the National Endowment for the Humanities	9 /30/2013	8 /31/2016	\$1,200		
<b>Counseling and Educational Leadership</b>								
	Baden, Amanda	Montclair State University and Adoption Rhode Island for National Adoption Competency Mental Health Training Initiative Grant for Administration on Children, Youth and Families.	US Department of Health and Human Services - Subaward from Adoption Rhode Island	10/1 /2014	9 /30/2019	\$651,185		

## Annual Report (2014): Proposals Submitted

Renfro-Michel, Edina	Senso-Routines: Using a tablet application to reduce environmental and transitional sensory overload	NJ Governor's Council for Medical Research and Treatment of Autism	6 /10/2014	6 /9 /2016	\$363,605
<b>Early Childhood / Elementary Education</b>					
Hagiwara, Sumi/ Fails, Jerry (CSAM)/ Munakata, Mika (CSAM)	Digging into the Virtual Sandbox	Entertainment Software Association	7 /1 /2015	6 /30/2016	\$50,000
Hagiwara, Sumi/ Fails, Jerry (CSAM)	Digging into the Virtual Sandbox	National Science Foundation	8 /1 /2014	7 /31/2017	\$449,992
Hagiwara, Sumi/ Fails, Jerry (CSAM)	REAL: epiSTEMic Summer Learning	National Science Foundation	8 /1 /2014	7 /31/2014	\$407,233
<b>Educational Foundations</b>					
Carolan, Brian	Parents, Peers, and the Intergenerational Transmission of Educational Advantage	National Institutes of Health	9 /1 /2014	8 /31/2015	\$62,560
Fives, Helenrose/ DiDonato-Barnes, Nicole	Teachers with Expertise in Data Use: How Do They Engage in Data Driven Decision Making from Student Performance Data to Influence Instruction?	Spencer Foundation	2 /1 /2014	12/31/2015	\$155,008
Gregory, Maughn/ Reznitskaya, Alina	Precollege Philosophy Education Research and Curriculum Database	American Philosophical Association	9 /1 /2013	2 /1 /2015	\$9,950
Matthews, Jamaal	CAREER: How Urban Adolescents Come to Think of Themselves as Mathematicians	National Science Foundation	9 /1 /2014	8 /31/2019	\$534,971
Matthews, Jamaal	National Academy of Education/Spencer Postdoctoral Fellowship	National Academy of Education	7 /1 /2014	12/31/2015	\$55,000
Reznitskaya, Alina	Measuring Argument Literacy Skills of Elementary School Students	Spencer Foundation	9 /1 /2014	8 /31/2015	\$50,000
<b>Exercise Science and Physical Education</b>					
Alexander, Melissa Grace Fraser/ Leigh, Steven	A Shoulder Orthotic With a Data-Driven Design to Promote Healthy Arm Movement Patterns	National Institutes of Health	9 /1 /2014	8 /31/2017	\$418,860
<b>Family and Child Studies</b>					
Reid, Robert/ Garcia-Reid, Pauline	Project C.O.P.E. at Montclair State University: Using New Media to Prevent Substance Abuse and HIV/AIDS for Populations at Risk in the City of Paterson, New Jersey	US Department of Health and Human Services/SAMHSA	10/1 /2013	9 /30/2014	\$125,000
Urban, Jennifer/ Linver, Miriam	Reflecting on the Laws of Life: A Systems Evaluation Planning Project and Process Evaluation	Templeton Foundation	6 /1 /2014	5 /31/2015	\$195,775
van Eeden-Moorefield, Bradley	Links between cumulative risk, resilience processes, and family outcomes among step families headed by same-sex couples	National Institutes of Health	7 /1 /2015	6 /30/2018	\$364,183
<b>Health and Nutrition Sciences</b>					
Amutah, Ndidiamaka	Research Education Institutes for Diverse Scholars (REIDS) Program	National Institutes of Health - Subaward from Yale University	9/1/2013	5/31/2014	\$20,000
Donnelly, Joseph/ Horn, Robert	Project S.T.A.R – Supporting Teens and Adolescent Responsibility	US Department of Health and Human Services	10/1 /2013	9 /30/2015	\$731,975
Feldman, Charles	Public Health and Wellbeing: FoodSMART	Global Innovation Initiative	6 /1 /2014	5 /31/2016	\$54,247
<b>Secondary and Special Education</b>					
Goeke, Jennifer	Inclusive Leadership Development (ILEAD)	US Department of Education	9 /1 /2014	8 /31/2019	\$1,154,004

Annual Report (2014): Proposals Submitted

Keiser, David Lee/ Daley, Julie/ Fuentes, Milton (CHSS)	Contemplative Pedagogy and Its Effect on Student Approaches to Learning: The Ripple Effect of Faculty Development from Instructor to Student	Spencer Foundation	2 /1 /2014	2 /1 /2015	\$45,000
Larkin, Douglas Schwarzer, David	Probabilistic Reasoning in Teacher Practice Fulbright Distinguished Awards in Teaching Program Proposal	Spencer Foundation Institute of International Education	11/1 /2014	10/30/2015	\$49,942
			8 /1 /2014	12/31/2014	\$250,000
<b>Total Proposals for CEHS: 37</b>			<b>Total Requested for CEHS:</b>		<b>\$11,534,659</b>

**COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)**

**Anthropology**

Brash, Julian	RUI: The High Line: Public Space in the Contemporary City	National Science Foundation	7 /1 /2014	6 /30/2016	\$153,002
Brash, Julian	RUI: The High Line: Public Space in the Contemporary City	National Science Foundation	7 /1 /2014	6 /30/2016	\$153,002
Rothstein, Frances	When Migrants Return: Who Returns, Why and How They Reintegrate	National Science Foundation	9 /1 /2014	8 /31/2015	\$31,333

**Communication Sciences and Disorders**

Hitchcock, Elaine	A Comparison of Visual Biofeedback Methods	American Speech-Language- Hearing Foundation	1 /1 /2015	12/30/2016	\$10,000
Johnson, Valerie	Examining the Efficacy of Using Narrow Phonetic Transcription with African American Preschool Children	American Speech-Language- Hearing Foundation	9 /1 /2014	1 /31/2015	\$12,564
Musacchia, Gabriella	Impact of Active Acoustic Experience on Cortical Oscillatory Dynamics in Infants	National Institutes of Health - Subaward from Rutgers University	12/1 /2014	11/30/2019	\$333,816

**English**

Afzal-Khan, Fawzia/ Friedman, Roberta	From the Melody Queen to the Muslim Madonna: A History of Pakistan through its Female Singers from 1947 to the Present (Production Project)	National Endowment for the Humanities	1 /1 /2015	12/31/2015	\$470,654
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**Justice Studies**

Michalsen, Venezia	What can men learn from women about strain, crime and coping? An application of Broidy and Agnew's gendered strain theory to a sample of formerly incarcerated people	US Department of Justice	1 /1 /2015	12/31/2017	\$74,280
Salvatore, Christopher	The Impact of Childhood Risk and Protective Factors, Offending, and Substance Use During Emerging Adulthood: A Cohort Study	National Institute of Justice	1 /15/2015	12/31/2015	\$30,413

**Linguistics**

Feldman, Anna	REU Site: Cognitive and Computational Aspects of Language and Speech Processing	National Science Foundation	6 /1 /2014	7 /31/2017	\$305,499
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**Psychology**

Bragger, Jennifer/ Sessa, Valerie/ Rodriguez, Ofelia/ Martines, Danielle	Sustainable Implementation of a Cognitive Behavioral Therapy- Leadership Development Initiative for Emerging Adults with Attention Deficit and Hyperactivity Disorder	US Department of Education	10/1 /2015	9 /30/2018	\$553,724
Cascardi, Michele/ Shpiegel, Svetlana	A Complex Trauma Model of Dating Violence in Young Adults	National Institute of Justice	1 /15/2015	12/31/2017	\$795,685
Dickinson, Jason	Talk and Show	Central Michigan University	10/16/2013	6 /30/2014	\$3,500

Annual Report (2014): Proposals Submitted

Propper, Ruth	Impact of differential hemispheric activity via selective auditory frequency amplification on persuasiveness of health care goal framed positive and negative messages in older and younger adults.	Scientific Research Network on Decision Neuroscience and Aging - Subaward from University of North Carolina at Greensboro	6 /1 /2014	5 /31/2015	\$9,799
Propper, Ruth	Effect of Differential Hemispheric Activation Induction Techniques on Persuasion/Influence	Air Force Office of Scientific Research	1/1/2014	12/13/2016	\$642,028
Propper, Ruth	Subliminal Auditory Manipulation of Cortical Activity and Subsequent Task Performance, Judgment, and Decision Making	DARPA (US Defense Department)	6 /2 /2014	6 /1 /2017	\$712,930
Sessa, Valerie/ Bragger, Jennifer	Longitudinal assessment of students participating in leadership development programs	C. Charles Jackson Foundation	7/1/2014	6 /30/2020	\$36,372
Sessa, Valerie/ Bragger, Jennifer	Leader Development Pathways in the Academy: How students navigate higher education's academic, social, and institutional contexts to learn and develop as leaders and the consequences of their chosen paths	Spencer Foundation	9/1/2015	8/31/2021	\$554,734

**Robert D. McCormick Center for Child Advocacy and Policy**

McCormick, Robert	Post BA Certificate in Child Advocacy 2013-2014	NJ Department of Children and Families	9 /1 /2013	8 /31/2014	\$116,624
McCormick, Robert	NJ Child Welfare Training Partnership 2013 - 2014	NJ Department of Children and Families - Subcontract from Rutgers University	7 /1 /2013	6 /30/2014	\$1,000,000
McCormick, Robert	Post BA Certificate in Adolescent Advocacy 2013-2014	NJ Department of Children and Families	9 /1 /2013	8 /31/2014	\$246,238
Montesinos, Luis	Summer Housing and Internship Program (SHIP) 2013-14	NJ Department of Children and Families - Subcontract from Rutgers University	7 /1 /2013	6 /30/2014	\$131,702

**Sociology**

Besen-Cassino, Yasemin	Gender and Society Book Review	Sociologists for Women in Society - Subcontract from University of Massachusetts, Amherst	6 /1 /2014	5 /30/2017	\$15,000
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**Spanish and Italian**

Vizcaino, Maria Jose Garcia	Interpreting Training: A Humanities Gateway to Justice	National Endowment for the Humanities - Subaward from John Jay College of Criminal Justice	-	-	\$7,500
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**Total Proposals for CHSS: 24**

**Total Requested for CHSS: \$6,400,399**

**COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)**

**Biology and Molecular Biology**

Bologna, Paul/ Campanella, James	Developing Resilience in SAV Habitats through Restoration	National Fish and Wildlife Foundation	9 /1 /2014	8 /31/2016	\$361,666
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 3	NJ Department of Environmental Protection	1 /1 /2013	12/31/2013	\$100,000
Du, Charles	Regulatory Mechanisms for Elevated CO2-stimulation of Root Growth in Perennial Grasses	US Department of Agriculture - Subaward from Rutgers University	9 /1 /2016	8 /31/2017	\$100,000

## Annual Report (2014): Proposals Submitted

Krumins, Jennifer/ Goodey, Nina	Preliminary Proposal: RUI: Resolving Mechanisms of Facilitation in Human Impacted Soils	National Science Foundation	-	-	\$0
Krumins, Jennifer/ Goodey, Nina	SG:RUI: The Role of Positive Plant-Soil Feedbacks in Contaminated Soils	National Science Foundation	5 /1 /2014	4 /30/2017	\$150,000
Meredith, Robert	Collaborative Research: The Evolution of Tooth Genes in Mammals: Integrating Genomic Data with Phylogenetics and the Fossil Record	National Science Foundation - Collaborative Proposal with University of California, Riverside	1 /1 /2014	12/31/2016	\$140,516
Molina, Carlos/ Du, Charles	Engineering the cnidarian Hydra as a vector for peptide delivery	National Institutes of Health	9 /1 /2014	8 /31/2019	\$1,990,981
Molina, Carlos	ICER in melanoma genesis and maintenance	National Institutes of Health	4 /1 /2015	3 /31/2018	\$434,220
Molina, Carlos/ Cunningham, Marina (Global Education Center)	A Reciprocal Approach to Promoting Study Abroad in STEM: Montclair State University, USA and Universidad Mayor Chile	Partners of the Americas Foundation	6 /15/2014	6 /14/2015	\$25,000
Smallwood, John/ Kopsco, Heather (Student)	The role of New Jersey avian species in the dissemination of <i>Borrelia burgdorferi</i> (Coordinated with University Advancement)	Microryza	9 /1 /2013	12/31/2014	\$7,355
Snitsarev, Vladislav/ Rotella, David	Effects of EGCG and its derivatives on dopaminergic cell survival in Parkinson's disease model	National Institutes of Health	4 /1 /2015	3 /31/2018	\$311,648
Vanderklein, Dirk/ Munakata, Mika	Transforming student understanding of the cycling of energy and matter in plants and the ecosystem: a pilot program	American Society of Plant Biology	7 /1 /2014	6 /30/2015	\$47,088
Vega, Quinn/ Adams, Sandra	Comprehensive Research Experiences for 1st and 2nd year Biology majors	National Science Foundation	9 /1 /2014	8 /31/2018	\$555,196
<b>Chemistry and Biochemistry</b>					
Eshuis, Hendrik	Modeling weak interactions in hydrocarbon chemistry using the random phase approximation	American Chemical Society - Petroleum Research Fund	9 /1 /2014	8 /31/2016	\$55,000
Eshuis, Hendrik	CAREER: Towards accurate computational design of transition metal homogeneous catalysis	National Science Foundation	6/1/2014	5/31/2019	\$446,888
Gindt, Yvonne	RUI: Small Molecule Control of Cryptochrome Redox and Oligomerization Chemistry	National Science Foundation	7 /1 /2014	6 /30/2017	\$162,049
Goodey, Nina	The Role of Allosteric Regions in Ligand Selectivity in Dihydrofolate Reductase	Camille and Henry Dreyfus Foundation Inc.	9 /1 /2014	8 /31/2019	\$60,000
Rotella, David	Development of Medical Countermeasures for Botulinum Neurotoxin Intoxication Focused on Therapeutics and Neuroregenerative Medicines	Defense Threat Reduction Agency	1 /1 /2014	12/31/2019	\$2,515,123
Rotella, David	Equipment Grants for Research: Mass Spectrometry Program	Shimadzu Scientific Instruments	9 /1 /2013	8 /31/2014	\$50,000
Rotella, David	Stage-specific Hsp90 as a Target for Anti-prostate Cancer Activity of EGCG	National Institutes of Health - Subaward from University of Rochester	4 /1 /2015	3 /31/2016	\$249,755
Talaga, David	Collaborative Research: Biopolymer flow under nanoconfinement	National Science Foundation	7 /1 /2014	6 /30/2017	\$300,000
Talaga, David	Protein unfolding in nanopore translocation	National Institutes of Health - Subaward from Rutgers University	1 /1 /2015	12/31/2016	\$170,890
Talaga, David	Novel Nanopore/Fluorescence-Lifetime Instrument for Single Biomolecular Assembly Analysis	National Institutes of Health	4 /1 /2015	3 /31/2018	\$304,462
<b>Computer Science</b>					
Fails, Jerry	CAREER: RUI: Technology for Tomorrow's Family -- Bringing Families Together	National Science Foundation	7 /1 /2014	6 /30/2019	\$624,405

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Herbert, Katherine/ Bologna, Paul/ Bragger, Jennifer (CHSS)/ Fails, Jerry/ Hill, Emily Hill, Emily	CrisisTagger: An Interdisciplinary Approach to Supporting Communication and Decision-Making in a Coastal Storm Crisis	NJ Sea Grant	1 /2 /2014	4 /30/2015	\$150,000
Hill, Emily	SHF:SMALL:Assisting Developers in the Creation and Maintenance of Unit Tests	National Science Foundation - Subaward from University of Delaware	5 /1 /2014	4 /30/2017	\$218,913
Hill, Emily	Helping Developers Write Effective Test Oracles	Google Research - Subaward from University of Delaware	9 /1 /2014	8 /31/2015	\$30,120
Peng, Jing/ Feldman, Anna	Natural Language Processing, Data Fusion, and Structure from Motion Research	Air Force Office of Scientific Research	7 /1 /2014	6 /30/2015	\$124,919

**Earth and Environmental Studies**

Alo, Clement	Norman E. Borlaug Leadership Enhancement in Agriculture Program (LEAP)	USAID - Subaward from University of California, Davis	4 /1 /2014	3 /31/2015	\$19,942
Blacic, Tanya	New US-South Korean Collaboration: 2-D Ocean Temperature from Seismic Oceanography Data	National Science Foundation	6 /1 /2014	12/1 /2014	\$31,435
Brachfeld, Stefanie	Detection and Quantification of Coal Ash Pollution in Aquatic Sediment using Magnetic Susceptibility	National Science Foundation - Subaward from Appalachian State University	9 /1 /2014	2 /29/2016	\$24,418
Brachfeld, Stefanie	The Coulman High Project - Drilling beneath the Ross Ice Shelf	National Science Foundation - Subaward from University of Nebraska	8 /1 /2018	7 /31/2019	\$22,577
Chopping, Mark	A high-resolution circumpolar delineation of the forest-tundra ecotone with implications for carbon balance	National Aeronautic and Space Administration - Subaward from NASA Goddard Space Flight Center	1 /1 /2014	12/31/2016	\$39,086
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	1 /1 /2014	6 /30/2016	\$166,600
Deng, Yang	Approaches to Mitigation of Landfill Leachate-Induced UV Transmittance Impacts	Environmental Research and Education Foundation	9 /1 /2014	8 /31/2016	\$195,168
Deng, Yang/ Sarkar, Dibyendu	New Ferrate(VI)-Based Treatment Processes for Water Reclamation	Department of the Interior/Bureau of Reclamation			\$149,086
Deng, Yang	CAREER: Mechanisms and Performance of Ferrate(VI) Treatment of Municipal Secondary Effluent for Water Reclamation	National Science Foundation	1 /1 /2014	12/31/2018	\$438,163
Deng, Yang	Performance and Mechanisms of Ferrate (Fe(VI) ) Removal of Traditional and Emerging Contaminants in Drinking Water in New Jersey	NJ Water Resources Research Institute - Collaborative Proposal with NJIT	1 /1 /2014	12/31/2014	\$10,000
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	9 /1 /2014	8 /31/2017	\$249,287
Deng, Yang/ Soleimanifar, Hanieh (Student)	Development of a new, effective and low-cost adsorption material to enhance Low Impact Development (LID) techniques for prevention of urban stormwater pollution in New Jersey	US Geological Survey - Subaward from NJ Water Resources Research Institute/Rutgers University	1 /1 /2014	12/31/2014	\$5,000

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Lal, Pankaj	Integrating Natural Capital into System of National Accounts: A Case Study of Forestry and Wetland Landscapes in Rwanda	National Center for Ecological Analysis and Synthesis - Subaward from Virginia Polytechnic and State University	8 /1 /2014	7 /31/2016	\$52,272
Passchier, Sandra	Understanding ice dynamics, meltwater discharge, and paleocirculation in the Baltic Sea Paleoenvironment through laser particle size and XRF analysis	National Science Foundation - Subaward from Consortium for Ocean Leadership	1/22/2014	2/28/2015	\$10,993
Passchier, Sandra	Expedition 347 Baltic Sea Onshore Science Party	National Science Foundation - Subaward from Consortium for Ocean Leadership	1 /22/2014	1 /31/2015	\$21,899
Sarkar, Dibyendu	Reducing Copper Loads 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 /2014	8 /31/2016	\$41,779
Yu, Danlin	Geographical weighting analysis with panel data: development of geographically weighted panel regression methods	National Science Foundation	9 /1 /2014	8 /31/2017	\$391,280
Yu, Danlin/ Justus, Faith (Student)	Impact of intensive horticulture landuse practices on water quality and benthic communities	Sigma Delta Epsilon/Graduate Women in Science	7 /1 /2014	8 /31/2015	\$8,414
Yu, Danlin/ Wu, Meiyin	Model New Jersey Coastal Region's Dynamics to Support Coastal Storm Preparation and Disaster Prevention	NJ Sea Grant	1 /2 /2014	4 /30/2015	\$148,848

**Mathematical Sciences**

Billings, Lora	Rare Event Prediction and Control in Complex Networks	Air Force Office of Scientific Research - Subaward from The College of William and Mary	1 /1 /2014	12/31/2017	\$236,958
Cutler, Jonathan	Enumerative extremal problems	National Security Agency	6 /1 /2015	5 /31/2017	\$39,413
Forgoston, Eric/ Yecko, Philip	RI Small: Collaborative Research: Improved Underwater Vehicle Autonomy in Geophysical Flows	National Science Foundation - Collaborative Proposal with Drexel University	10/1 /2014	9 /30/2017	\$99,956
Forgoston, Eric/ Yecko, Philip/ Billings, Lora	RUI: Transport of inertial particles in time-dependent and stochastic flows	National Science Foundation	9 /1 /2014	8 /31/2017	\$390,805
Forgoston, Eric/ Billings, Lora	Understanding the Dynamics of Stochastic Disease Spread in Metapopulations - Travel Supplement	National Science Foundation	6 /1 /2014	8 /31/2015	\$28,110
Forgoston, Eric	CAREER: Quantifying Ocean Transport Using Autonomous Systems	National Science Foundation	9 /1 /2014	8 /31/2019	\$498,220
Forgoston, Eric/ Billings, Lora	Understanding the Dynamics of Stochastic Disease Spread in Metapopulations - REU Supplement	National Science Foundation	6 /1 /2014	8 /31/2015	\$10,000
Greenstein, Steven/ Fails, Jerry	Child's Play: Development and Evaluation of a Mathematical Microworld for Learning Qualitative Geometry	Spencer Foundation	8 /1 /2014	7 /31/2016	\$419,809
Greenstein, Steven	Distributed Biography: A Deleuzian Approach to the Expression of Human Experience	National Endowment for the Humanities	6 /1 /2014	12/31/2015	\$59,457
Li, Aihua	Interdisciplinary Research in Graph Theory and its Applications in the Sciences	Mathematical Association of America	6 /1 /2014	9 /15/2014	\$27,300
Li, Aihua	Conference for Mathematics Faculty on REU Issues and Southern Regional Undergraduate Research Conference	National Security Agency	5 /1 /2015	4 /30/2017	\$41,255

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Li, Aihua/ Su, Haiyan	REU Site: Montclair State University Research Experiences for Undergraduates in Mathematics	National Science Foundation	5 /15/2014	9 /1 /2016	\$323,636
Munakata, Mika/ Willis, Jacalyn/ Krupa, Erin	CUSP: Creative University-School Partnerships in Mathematics - Year 2	NJ Department of Education	7 /1 /2014	6 /30/2015	\$366,600
Panorkou, Nicole/ Greenstein, Steven/ Fails, Jerry	The TRIG Project: Developing a trajectory of Transformation-based Reasoning In Geometry	Spencer Foundation	9 /1 /2015	8 /31/2018	\$499,316
Su, Haiyan/ Wu, Meiyin/ Lee, Lee	Predicting Escherichia coli in Northern New Jersey Bodies of Water	NJ Water Resources Research Institute	6 /1 /2014	5 /31/2015	\$19,961
Thomas, Diana/ McDougall, Andrew	Dynamic models for predicting effectiveness of school based obesity prevention programs	National Institutes of Health	1 /1 /2015	12/31/2019	\$941,428
Thomas, Diana	An energy balance model for body weight prediction in type 2 diabetes patients	American Diabetes Association	7 /1 /2014	6 /30/2017	\$332,897
Thomas, Diana	Early risk assessment through mathematical modeling of quantitative placental anatomic/structural biomarkers	National Institutes of Health-Subaward from Placental Analytics	7 /1 /2014	12/31/2014	\$45,411
Thomas, Diana	Differential Effects of Visceral Fat and Inactivity on Maternal Metabolic Health in Black and White Women	American Diabetes Association - Subaward from Kennesaw State University	9 /1 /2014	8 /31/2017	\$13,320
Thomas, Diana	Early risk assessment through mathematical modeling of quantitative placental anatomic/structural biomarkers	National Institutes of Health - Subaward from Pennington Biomedical Laboratory	1 /1 /2015	6 /30/2015	\$47,775
Thomas, Diana	An energy balance model for body weight prediction in type 2 diabetes patients	National Institutes of Health	9 /1 /2014	8 /30/2017	\$529,031
Thomas, Diana	Differential Effects of Visceral Fat and Inactivity on Maternal Metabolic Health in Black and White Women	American Heart Association - Subaward from Kennesaw State University	9 /1 /2014	8 /31/2017	\$13,320
Thomas, Diana	Using Dynamical Systems Modeling to Understand the Effects of an Individually Tailored Prenatal Weight Gain Intervention on Fetal Growth and Postnatal Obesity Risk	National Institutes of Health - Subaward from Pennsylvania State University	4 /1 /2015	3 /31/2020	\$25,890
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 /2014	9 /1 /2016	\$437,487
Truitt, Patrick	RUI: EPMD: Magnetic Tunnel Junctions with Half-Metal Electrodes and Monolayer Barriers for Room Temperature Molecular Spintronics	National Science Foundation	6 /1 /2014	5 /31/2014	\$248,875
Truitt, Patrick	CAREER: Magnetic Nanoparticles at Interfaces, 2D Structure Formation and Spin Transport Properties	National Science Foundation	1 /1 /2014	1 /1 /2019	\$446,941
Vaidya, Ashuwin	Collaborative Research: ABI: Innovation: Multi-Scale Robust Simulation Framework for Protein Aggregation Systems	National Science Foundation - Collaborative Proposal with Virginia Commonwealth University/ University of Southern Mississippi	6 /1 /2014	5 /31/2017	\$179,361
Vaidya, Ashuwin/ Trubatch, David	Undergraduate Research in Mathematics	Center for Undergraduate Research in Mathematics	9 /1 /2014	8 /31/2015	\$23,450
Vaidya, Ashuwin	Collaborative Research: Theory and Experiments in Tear Flow Dynamics	National Science Foundation	6 /1 /2014	5 /31/2017	\$224,420
Yecko, Philip/ Trubatch, David	RUI: Modeling and Simulation of Multi-Phase Flows of Magnetic Fluids	National Science Foundation	7 /1 /2014	6 /30/2017	\$375,436
Yecko, Philip/ Trubatch, David	DMREF: Integrated simulation and experiment for fundamental investigation of ferrofluid rheology to enable effective fluid design	National Science Foundation	7 /1 /2014	6 /30/2017	\$391,026

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<b>Microscopy and Microanalysis Research Laboratory</b>						
Wu, Laying/ Molina, Carlos/ Sarkar, Dibyendu/ Siekierka, John	MRI: Acquisition of Confocal Laser Scanning Microscope for Multidisciplinary Research and Education at Montclair State University	National Science Foundation	10/1 /2014	10/1 /2017		\$323,131
<b>Passaic River Institute</b>						
Feng, Huan	SusChEM: Investigation of Chemical Mechanisms of Metal Uptake, Translocation and Accumulation in Wetland Plants for Contaminated Soil Remediation	National Science Foundation	9 /1 /2014	8 /31/2017		\$328,433
Lal, Pankaj/ Wu, Meiyin	Socio-economic Evaluation of Green Infrastructure Alternatives for Stormwater Management in Lower Passaic and Newark Bay	NJ Department of Environmental Protection	6 /15/2014	6 /14/2016		\$367,155
Wu, Meiyin/ Pope, Gregory	REU Site: Transdisciplinary Environmental Science Research on Rivers and Watersheds in Northwest New Jersey	National Science Foundation	11/1 /2014	10/31/2017		\$469,248
Wu, Meiyin	Development and evaluation of ultrasonic control for biofouling in the aquaculture industry	Northeastern Regional Aquaculture Center	10/1 /2014	10/31/2016		\$200,000
Wu, Meiyin/ Lee, Lee	The Third River Study for Pathogen Indicators	US Environmental Protection Agency - Subaward from New England Interstate Water Pollution Control Commission	11/1 /2013	12/15/2014		\$24,938
Wu, Meiyin	Passaic River Basin EcoExplorers Program for Paterson middle school students	National Park Service	4 /1 /2014	9 /30/2014		\$17,892
Wu, Meiyin	Urban River Resident Volunteer Working Group Development -- Passaic River, NJ Watershed	US Environmental Protection Agency	9 /1 /2014	12/31/2015		\$59,970
<b>Total Proposals for CSAM: 86</b>			<b>Total Requested for CSAM:</b>			<b>\$20,840,072</b>
<b>GLOBAL EDUCATION</b>						
Cunningham, Marina/ Molina, Carlos	A Reciprocal Approach to Promoting Study Abroad in STEM: Montclair State University, USA and Universidad Mayor Chile	Partners of the Americas Foundation	6/15/2014	6/14/2015		\$25,000
Gilbert-Simon, Wendy/ Dominguez, Domenica/ Olenik, Yahui/ Lillethun, Abby	The Kakehashi Project: Student Creators Exchange Program	Japan Foundation	5 /1 /2014	8 /31/2014		\$1
<b>Total Proposals for Global Education: 2</b>			<b>Total Requested for Global Education:</b>			<b>\$25,001</b>
<b>LIBRARY SERVICES</b>						
Shapiro, Steven/ Cunningham, Marina (Global Education Center)	Rescue in Budapest: The 70th Anniversary of Raoul Wallenberg's Mission to Save the Last Jews of Europe	NJ Council for the Humanities	8 /1 /2014	11/20/2014		\$20,000
<b>Total Proposals for Library Services: 1</b>			<b>Total Requested for Library Services:</b>			<b>\$20,000</b>
<b>SCHOOL OF BUSINESS (SBUS)</b>						
<b>Economics and Finance</b>						
Nicholson, Joseph	Dynamic Correlations and Mixed-asset Portfolio Allocations	Real Estate Research Institute - Subaward from University of Gueleph	5 /1 /2014	1 /26/2015		\$2,725
<b>Total Proposals for SBUS: 1</b>			<b>Total Requested for SBUS:</b>			<b>\$2,725</b>

Annual Report (2014): Proposals Submitted

**SERVICE-LEARNING AND COMMUNITY ENGAGEMENT PROGRAM (SLCE)**

Murdock, Bryan	City of Orange Proposal to the U.S. Department of Education: University Assisted Full Service Community Schools Program	US Department of Education	10/1 /2014	9 /30/2019	\$2,490,450
	<b>Total Proposals for Service-Learning and Community Engagement Program: 1</b>	<b>Total Requested for Service-Learning and Community Engagement Program:</b>			<b>\$2,490,450</b>

**STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)  
CENTER FOR WRITING EXCELLENCE**

Knight, Melinda/ Grant, Lenny	The Center for Writing Excellence Seminar for Lifelong Learners	NJ Council for the Humanities	6 /18/2014	9 /30/2014	\$3,000
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**COUNSELING AND PSYCHOLOGICAL SERVICES**

Weinberg, Lisa	Increasing Women's Self-Efficacy Through Self-Defense Training and Counseling	American Psychological Foundation	9 /1 /2014	8 /31/2015	\$15,000
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**EMERGENCY MEDICAL SERVICES**

Lawrence, Jacqueline	Assistance to Firefighter Grant Application	Federal Emergency Management Agency (FEMA)	2 /10/2014	2 /10/2015	\$166,250
	<b>Total Proposals for SDCL: 3</b>	<b>Total Requested for SDCL :</b>			<b>\$184,250</b>

**UNIVERSITY FACILITIES  
FIRE SAFETY**

Ferrara, Robert	FM Global Fire Prevention Grant	FM Global	11/7 /2013	11/6 /2014	\$1,500
	<b>Total Proposals for University Facilities: 1</b>	<b>Total Requested for University Facilities:</b>			<b>\$1,500</b>
	<b>Total Proposals: 157</b>	<b>Grand Total:</b>			<b>\$41,539,056</b>

Annual Report (FY 14): Awards Received

Awards Received: 07/01/2013 To 06/30/2014

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
<b>ACADEMIC AFFAIRS</b>						
<b>COLLEGE OF THE ARTS (CART)</b>						
<b>Arts and Cultural Programming</b>						
	Wheeler, Jedediah	General Programming Support- FY 2014	NJ State Council for the Arts	7 /1 /2013	6 /30/2014	\$ 49,513
	Wheeler, Jedediah	Permission Granted: Works Without Compromise	National Endowment for the Arts	1 /1 /2014	12/31/2014	\$ 25,000
<b>Art Galleries</b>						
	Rodriguez, Teresa	General Programming Support- FY 2014	NJ State Council for the Arts	7 /1 /2013	6 /30/2014	\$ 12,828
<b>Total Awards for CART: 3</b>						<b>Total for CART : \$ 87,341</b>
<b>COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)</b>						
<b>Center for Research and Evaluation on Education and Human Services (CREEHS)</b>						
	Swann-Jackson, Rebecca	Technical Assistance on Surveying Infant and Early Childhood Mental Health Professionals in New Jersey	NJ Department of Education	6 /1 /2013	8 /30/2013	\$ 10,000
<b>Center for Autism and Early Childhood Mental Health</b>						
	Costa, Gerard	The Coordinating Center at Montclair State University (CC-MSU) - Year 2 Supplement	NJ Governor's Council for Medical Research and Treatment of Autism	7 /1 /2013	6 /30/2014	\$ 342,362
	Costa, Gerard	Promoting Early Childhood Mental Health in Counties Affected by Superstorm Sandy - Year 1	NJ Department of Children and Families	10/1 /2013	6 /30/2014	\$ 360,000
<b>Center of Pedagogy</b>						
	Robinson, Jennifer	Teacher Quality Partnership Grant Competition - Year 5	US Department of Education Gilder Lehrman Institute of American History and The National Endowment for the Humanities	10/1 /2013	9 /30/2014	\$ 860,289
	Wilson, Leslie	Created Equal: America's Civil Rights Struggle		9 /1 /2013	8 /31/2016	\$ 1,200
<b>Curriculum and Teaching</b>						
	Goeke, Jennifer	Restructuring Preservice Preparation for Innovative Special Education (RePPriSE) - Year 3	US Department of Education	10/1 /2013	9 /30/2014	\$ 278,908
<b>Educational Foundations</b>						
	Fives, Helenrose/Barnes, Nicole	Teachers with Expertise in Data Use: How Do They Engage in Data Driven Decision Making from Student Performance Data to Influence Instruction?	Spencer Foundation	2 /1 /2014	12/31/2015	\$ 155,008
	Matthews, Jamaal	National Academy of Education/Spencer Postdoctoral Fellowship	National Academy of Education	7 /1 /2014	12/31/2015	\$ 55,000
	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 /2014	8 /31/2015	\$ 50,000
	Reznitskaya, Alina	Dialogic Teaching: Professional Development in Classroom Discussion to Improve Students' Argument Literacy - Year 2	US Department of Education-Subaward from Ohio State University	7 /1 /2013	6 /30/2014	\$ 175,587
<b>Family and Child Studies</b>						
	Reid, Robert/Garcia-Reid, Pauline	Paterson Coalition Against Substance Abuse (P-CASA)-Year 1	US Department of Health and Human Services	9 /30/2013	9 /29/2014	\$ 125,000
	Urban, Jennifer/Linver, Miriam/Lee, Soyoung	Reflecting on the Laws of Life: A Systems Evaluation Planning Project and Process Evaluation	John Templeton Foundation	7/1/2014	6/30/2015	\$ 195,775
<b>Health and Nutrition Sciences</b>						
	Amutah, Ndidiamaka	Research Education Institutes for Diverse Scholars (REIDS) Program	National Institutes of Health subaward from Yale University	9/1/2013	9/15/2014	\$ 20,000
	Li, Yanyan/Specchio, John	Panasonic Inverter Microwave Oven Project	Panasonic	6 /1 /2013	6 /30/2014	\$ 15,000

**Annual Report (FY 14): Awards Received**

Awards Received: 07/01/2013 To 06/30/2014

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
	Lieberman, Lisa	Adolescent Family Life Project - Year 2	Conrad Hilton Foundation - Subaward from Inwood House	9 /1 /2013	8 /31/2014	\$ 32,791
	Silvera, Stephanie	Exploring Sociodemographic and Behavioral Factors Underlying Racial/Ethnic Disparities in Cancer Prevention Behaviors in New Jersey - Year 2	National Institutes of Health	9 /1 /2013	8 /31/2014	\$ 139,734
<b>Total Awards for CEHS: 17</b>						<b>Total for CEHS : \$ 2,824,121</b>

**COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)**

**Anthropology**

Brash, Julian	RUI: The High Line: Public Space in the Contemporary City	National Science Foundation	7 /1 /2014	6 /30/2015	\$ 125,000
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**Linguistics**

Feldman, Anna/ Peng, Jing	RI: Small: RUI: AIR: Automatic Idiom Recognition	National Science Foundation	8 /1 /2103	7 /31/2015	\$ 176,514
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**Psychology**

Dickinson, Jason	Talk and Show	Central Michigan University	10/16/2013	6 /30/2014	\$ 3,500
Propper, Ruth	Investigation of a Neurocognitive Biomarker and of Methods to Mitigate Biases in Cognitive/Perceptual/Emotional Processing	US Army Research Office	8 /5 /2013	8 /4 /2014	\$ 53,070
Sessa, Valerie/Bragger, Jennifer	Longitudinal assessment of students participating in leadership development programs	C. Charles Jackson Foundation	7 /1 /2014	6 /30/2015	\$ 10,000

**Robert D. McCormick Center for Child Advocacy and Policy**

Montesinos, Luis	Post BA Certificate in Adolescent Advocacy 2013-2014	NJ Department of Children and Families	9 /1 /2013	8 /31/2014	\$ 246,238
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Montesinos, Luis	NJ Child Welfare Training Partnership 2013-2014	NJ Department of Children and Families - Subaward from Rutgers University	7 /1 /2013	6 /30/2014	\$ 955,000
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Montesinos, Luis	Post BA Certificate in Child Advocacy 2013-2014	NJ Department of Children and Families	9 /1 /2013	8 /31/2014	\$ 116,624
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**Sociology**

Montesinos, Luis	Summer Housing and Internship Program (SHIP) 2013-14	NJ Department of Children and Families - Subaward from Rutgers University	7 /1 /2013	6 /30/2014	\$ 131,702
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Besen-Cassino, Yasemin	Gender and Society Book Review	Sociologists for Women in Society - Subcontract from University of Massachusetts, Amherst	6/1/2014	5/31/2015	\$ 15,000
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**Total Awards for CHSS: 10** **Total for CHSS : \$ 1,832,648**

**COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)**

**Biology and Molecular Biology**

Adams, Sandra/ Larkin, Douglas	Montclair State University Noyce Teacher Scholarship Program	National Science Foundation	9 /1 /2013	8 /31/2018	\$ 1,447,272
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Bologna, Paul/Gaynor, John, Meredith, Robert	Impacts of Invasive Sea Nettles (Chrysaora quinquecirrha) and Ctenophores on Planktonic Community Structure and Bloom Prediction of Sea Nettles Using Molecular Techniques - Year 3	NJ Department of Environmental Protection	2 /1 /2014	8 /31/2015	\$ 100,000
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Du, Charles	A sequence-indexed reverse genetics resource for maize: a set of lines with single Ds-GFP insertions spread throughout the genome - Year 1	National Science Foundation - Subaward from Rutgers University	4 /15/2014	3 /31/2015	\$ 160,916
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Smallwood, John/Kopsco, Heather (student)	The role of New Jersey avian species in the dissemination of Borrelia burgdorferi	Microrzyza	9/1/2013	12/31/2014	\$ 7,355
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Annual Report (FY 14): Awards Received

Awards Received: 07/01/2013 To 06/30/2014

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
<b>Chemistry and Biochemistry</b>						
<b>Dean's Office</b>	Gindt, Yvonne	DNA Repair Under Extreme Conditions - Year 2	National Aeronautic and Space Administration - Subaward from Temple University	2 /20/2014	2 /19/2015	\$ 17,972
	Prezant, Robert/Molina, Carlos	LSAMP The Garden State Alliance for Minority Participation - Year 5	National Science Foundation-Subaward from Rutgers University	7 /1 /2013	6 /30/2014	\$ 112,187
	Prezant, Robert/Molina, Carlos	LSAMP The Garden State Alliance for Minority Participation - Supplement	National Science Foundation-Subaward from Rutgers University	7 /1 /2014	6 /30/2015	\$ 11,218
<b>Earth and Environmental Studies</b>						
	Alo, Clement	Norman E. Borlaug Leadership Enhancement in Agriculture Program (LEAP)	USAID - Subaward from University of California, Davis	4 /1 /2014	3 /31/2015	\$ 19,998
	Blacic, Tanya	New US-South Korean Collaboration: 2-D Ocean Temperature from Seismic Oceanography Data	National Science Foundation	6 /1 /2014	5 /31/2015	\$ 31,435
	Chopping, Mark	Forest and Shrub Mapping with MISR - Supplement	National Aeronautic and Space Administration	12/31/2013	12/31/2014	\$ 13,321
	Chopping, Mark	Forest and Shrub Mapping with MISR - Supplement	National Aeronautic and Space Administration	3 /1 /2013	12/31/2013	\$ 22,001
	Deng, Yang/Soleimanifar, Hanieh (student)	Development of a new, effective and low-cost adsorption material to enhance Low Impact Development (LID) techniques for prevention of urban stormwater pollution in New Jersey	US Geological Survey - Subaward from NJ Water Resources Research Institute/Rutgers University	3 /1 /2014	2 /28/2015	\$ 5,000
	Monsen, Kirsten/Dolcemascolo, Paola (student)	Colonization Genetics of the American Green Tree frog (Hyla cinerea): Evidence for a Recent Range Expansion in New Jersey	NJ Department of Environmental Protection	6 /18/2013	6 /18/2014	\$ 3,410
	Passchier, Sandra	Expedition 347 Baltic Sea Onshore Science Party	National Science Foundation - Subaward from Consortium for Ocean Leadership	1 /22/2014	1 /21/2015	\$ 24,899
<b>Mathematical Sciences</b>						
	Forgoston, Eric/Billings, Lora	Understanding the Dynamics of Stochastic Disease Spread in Metapopulations : Travel Supplement	National Science Foundation	4 /29/2014	8 /31/2015	\$ 28,110
	Forgoston, Eric/Billings, Lora	Understanding the Dynamics of Stochastic Disease Spread in Metapopulations - REU Supplement	National Science Foundation	1 /7 /2014	8 /31/2015	\$ 10,000
	Greenstein, Steven/ Krupa, Erin	Noyce at Montclair: Preparing the Effective Elementary Mathematics Teacher	National Science Foundation	8 /15/2013	7 /31/2015	\$ 225,803
	Li, Aihua	Interdisciplinary Research in Graph Theory and its Applications in the Sciences	National Science Foundation - Subaward from Mathematical Association of America	6 /1 /2014	9 /15/2014	\$ 27,300
	Li, Aihua	Garden State Undergraduate Mathematics Conferences 2013-2014	National Security Agency	9 /28/2013	9 /27/2014	\$ 5,804
	Thomas, Diana	Short Course on the Mathematical Sciences in Obesity Research	National Institutes of Health - Subaward from University of Alabama	7 /1 /2013	6 /30/2014	\$ 10,859
<b>Passaic River Institute</b>						
	Wu, Meiyin/Triece, Kelly (student)/Sherwood, Natalie (student)	Environmental Education: Wildlife Habitat Permeability on an Urban Landscape	NJ Department of Environmental Protection	11/15/2013	8 /1 /2014	\$ 3,500

**Annual Report (FY 14): Awards Received**

Awards Received: 07/01/2013 To 06/30/2014

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
	Wu, Meiyin/Lee, Lee	The Third River Study for Pathogen Indicators	US Environmental Protection Agency - Subaward from New England Interstate Water Pollution Control Commission	2 /7 /2014	1 /15/2015	\$ 24,978
	Wu, Meiyin Wu, Meiyin/ Triece, Kelly (student)	Strategies for Flood Risk Reduction for Vulnerable Coastal Populations along Hackensack River at Moonachie and Little Ferry Improving Permeability of Wildlife Habitats in New Jersey through Culvert and Landscape Assessments	NJ Department of Environmental Protection - Subaward from Rutgers University NJ Department of Environmental Protection	8 /1 /2013	3 /31/2014	\$ 67,672
	Munakata, Mika/Willis, Jacalyn/Krupa, Erin	CUSP: Creative University-School Partnerships in Mathematics - Year 2	NJ Department of Education	11/15/2013	8 /1 /2014	\$ 3,500
<b>Professional Resources in Science and Mathematics (PRISM)</b>						
		<b>Total Awards for CSAM: 25</b>			<b>Total for CSAM :</b>	<b>\$ 2,751,110</b>
<b>SERVICE - LEARNING AND COMMUNITY ENGAGEMENT PROGRAM</b>						
	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/Woolston, Krystal/Fitzgerald, Randall	EECO AmeriCorps Program - Year 1	Corporation for National and Community Service- Subaward from NJ Commission on National and Community Service	9 /1 /2013	8 /31/2014	\$ 260,347
		<b>Total Awards for Service-Learning : 2</b>			<b>Total for SERVICE - LEARNING :</b>	<b>\$ 261,347</b>
<b>UNIVERSITY FACILITIES</b>						
<b>FIRE SAFETY</b>						
	Ferrara, Robert/Issler, Jeffrey	FM Global Fire Prevention Grant	FM Global	11/7 /2013	11/6 /2014	\$ 1,500
	Ferrara, Robert/Issler, Jeffrey	USFA Fire Prevention Grant (Assistance to Firefighters Grant)	Federal Emergency Management Agency (FEMA)	7 /6 /2013	7 /5 /2014	\$ 23,400
		<b>Total Awards for Facilities : 2</b>			<b>Total for University Facilities :</b>	<b>\$ 24,900</b>
		<b>Total: 59</b>			<b>Grand Total: \$</b>	<b>7,781,467</b>