MONTCLAIR STATE UNIVERSITY

Office of Research and Sponsored Programs

ANNUAL REPORT: FISCAL YEAR 2016
Report of Sponsored Programs Activity for the Period
7/01/15-06/30/16

Prepared by the Office of Research and Sponsored Programs
Fall 2016

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Mission Statement and Report Overview: The Office of Research and Sponsored Programs' (ORSP) mission 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 protecting the University's interests in assuring compliance with federal and state laws, rules, and regulations.

This report highlights sponsored program activities for the period 07/01/15 to 06/30/16 (FY 16), providing comparative data as well as historical trends. This report also provides detailed information on the types of sponsored program activities occurring at MSU and data on student, post-doctoral, and trainee involvement in those activities. Also included are written narratives highlighting some of the many projects impacting local communities, as well as ORSP outreach and professional development activities in FY 2016.

The Year in Brief: MSU received a record high of $11.5M in new and continuing awards in FY 16 (n=60) representing an impressive 37.4% increase in award volume from FY 15. An increase in private sponsorship from organizations such as the Spencer Foundation and the John Templeton Foundation account for much of this increase. The overall number of proposals submitted, and proposed budget amounts requested, declined slightly in FY 16. This is largely due to typical short-term fluctuations, and fewer applications to federal sponsors as the funding environment continues to tighten and less opportunities become available. There is every reason to expect continued proposal and award growth in the coming years with MSU's designation as a Carnegie Research 3 institution of higher education, eligibility as a Hispanic Serving Institution, status as Non-Land Grant College of Agriculture, and steady influx of talented tenure track faculty.

ORSP Initiatives, Workshops, and Trainings in FY 16: In October of FY 16, ORSP and the Institutional Review Board (IRB) went "live" with CAYUSE 424 and CAYUSE IRB as part of the OneMontclair initiative. Both implementations have proven successful, and there has been positive feedback from end users of both systems, with particularly positive comments regarding CAYUSE IRB. These user-friendly systems have created increased efficiencies in proposal development and routing, and the IRB application and approval process has been significantly transformed. We will continue to look to EVisions, Inc., for improvements in the year ahead as we transition to a completely "electronic" infrastructure for proposal development and award management.

ORSP continues to inform and update the research and sponsored programs community through its varied outreach and education activities, most recently through its very own Twitter page! For the second time in two years, the National Council of University Research Administrators chose MSU to host a regional workshop on Research Compliance. Over fifty research administrators from the tri-state region gave overwhelmingly positive feedback on the event. A full listing of ORSP's outreach, workshop, and training activities for FY 16 is listed in Section VIII of this report.

In April 2016, ORSP co-hosted MSU's fourth Grant Recognition Event in collaboration with University Advancement. It was, without question, the most highly attended grant recognition event to date, and a true reflection of the University's continued dedication and commitment to research, scholarship, and service. On behalf of ORSP, I congratulate MSU faculty and staff for your continued excellence, and look forward to the exciting year ahead.

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

Fiscal Year 2016 "At-a-Glance"
A Summary of FY 16 Sponsored Programs Activity
(with comparative FY 15 data)

		FY 15	FY 16	% Change
I. Number of Proposal Submissions		**156**	**147**	**-5.77%**
II. Total Proposed Dollar Amount				
	Direct Costs	42,625,634	38,997,779	**-8.51%**
	Indirect Costs	6,140,600	7,091,420	**15.48%**
Total		**$48,766,234**	**$46,089,199**	**-5.49%**

	FY 15	FY 16	
III. Number of Award Actions	**68**	**60**	**-11.76%**

IV. Total Awarded Dollar Amount		**FY 15**	**FY 16**	
	Direct Costs	7,503,283	10,419,687	**38.87%**
	Indirect Costs	874,708	1,089,910	**24.60%**
Total		**$8,377,991**	**$11,509,597**	**37.38%**

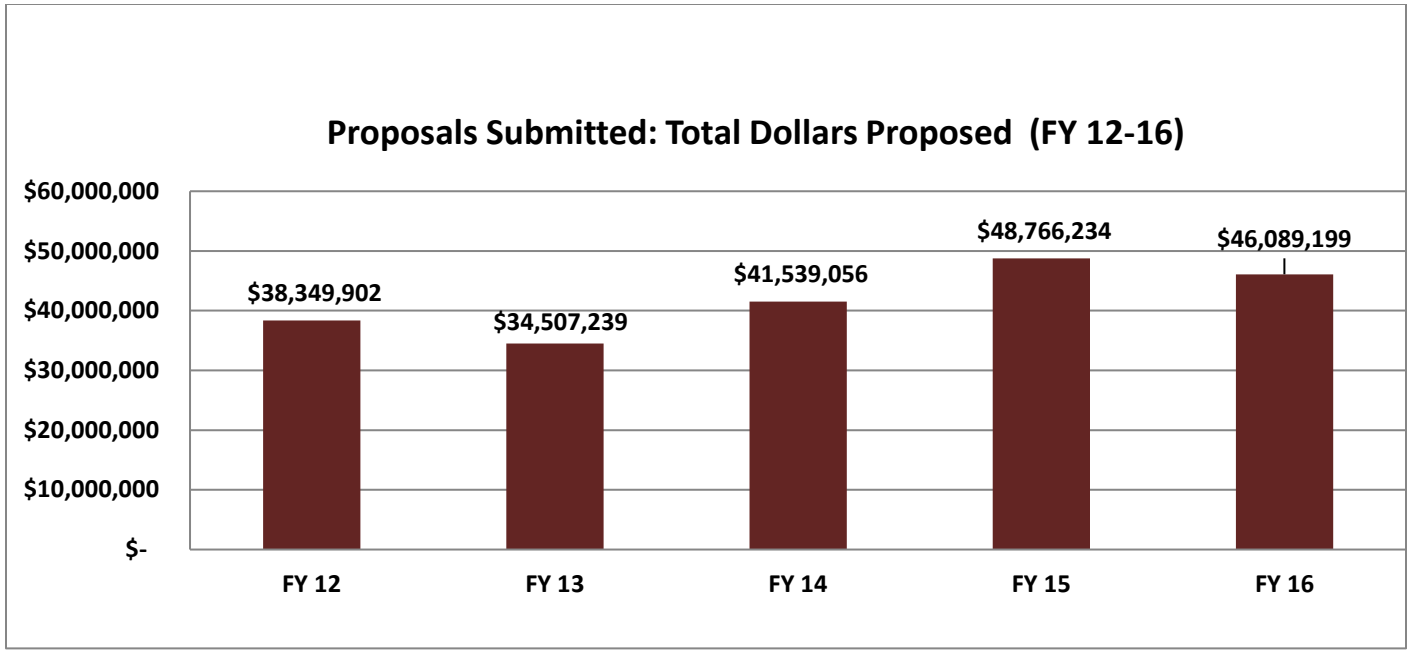
V. Expense Activity*		**FY 15**	**FY 16**	
	Direct Expenses	10,668,185	11,558,386	**8.34%**
	Indirect Expenses	888,197	785,934	**-11.51%**
Total		**$11,556,382**	**$12,344,320**	**6.82%**

***Expense activity: Sponsored programs expenditures to include salary and wages, fringe benefits, equipment costs, other direct costs, and indirect costs. (Provided by the Division of Finance & Treasury.)**

Montclair State University: Proposals Submitted and Proposed Dollar Amount by College/Division (FY 15 & FY 16)

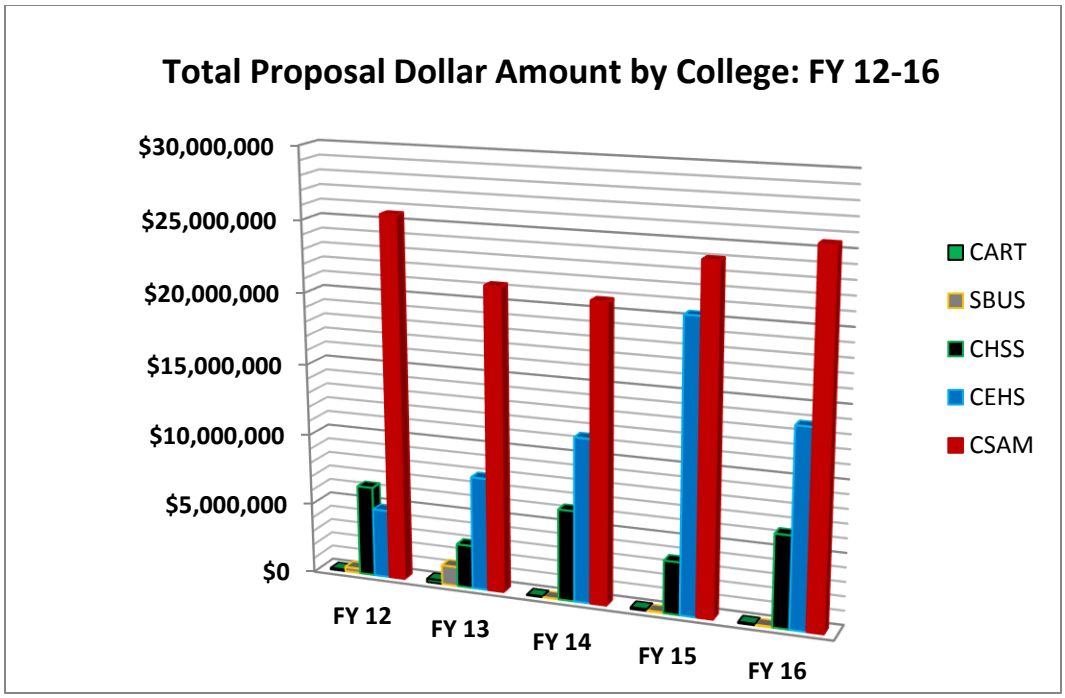
	Fiscal Year 2015 (July 1, 2014-June 30, 2015)				Fiscal Year 2016 (July 1, 2015-June 30, 2016)				
College / Division	**Number of Proposals Submitted**	**% of Total Proposals Submitted**	**Proposed Dollar Amount**	**% of Total Dollars Proposed**	**Number of Proposals Submitted**	**% of Total Proposals Submitted**	**Proposed Dollar Amount**	**% of Total Dollars Proposed**	***% change Total Dollars Proposed (FY 15 to FY 16)***
CART	2	1.28%	105,000	0.22%	2	1.36%	72,828	0.16%	-30.64%
CEHS	26	16.67%	20,402,539	41.84%	31	21.09%	13,823,475	29.99%	-32.25%
CHSS	24	15.38%	3,700,499	7.59%	33	22.45%	6,468,559	14.03%	74.80%
CSAM	97	62.18%	24,039,004	49.29%	75	51.02%	25,526,495	55.38%	6.19%
SBUS	1	0.64%	30,300	0.06%	1	0.68%	26,080	0.06%	-13.93%
*OTHER	6	3.85%	488,892	1.00%	5	3.40%	171,762	0.37%	-64.87%
Total	**156**	**100.00%**	**$48,766,234**	**100.00%**	**147**	**100.00%**	**$46,089,199**	**100.00%**	**-5.49%**

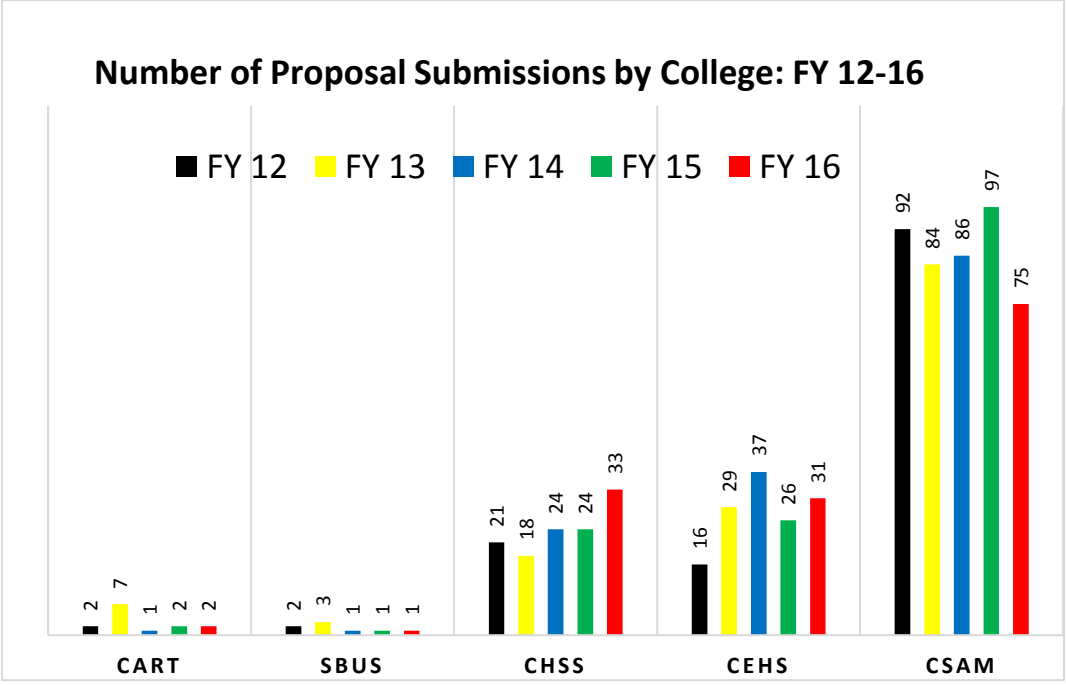
***Other includes Service Learning and Community Engagement, Global Education, Library Services, Student Development and Campus Life, and Facilities**

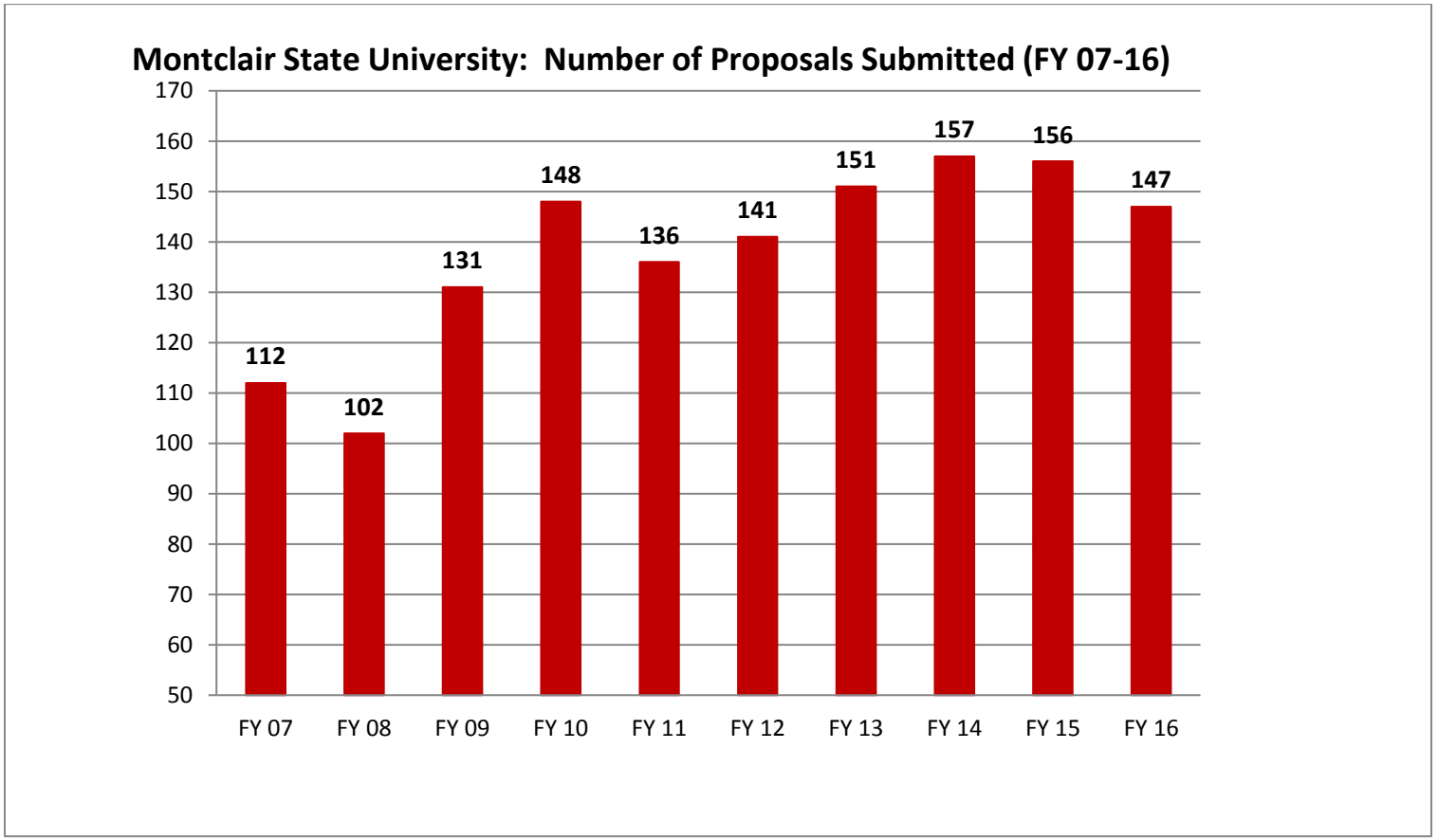


Proposals Submitted: Total Dollars Proposed by College/Division (FY 12-16)

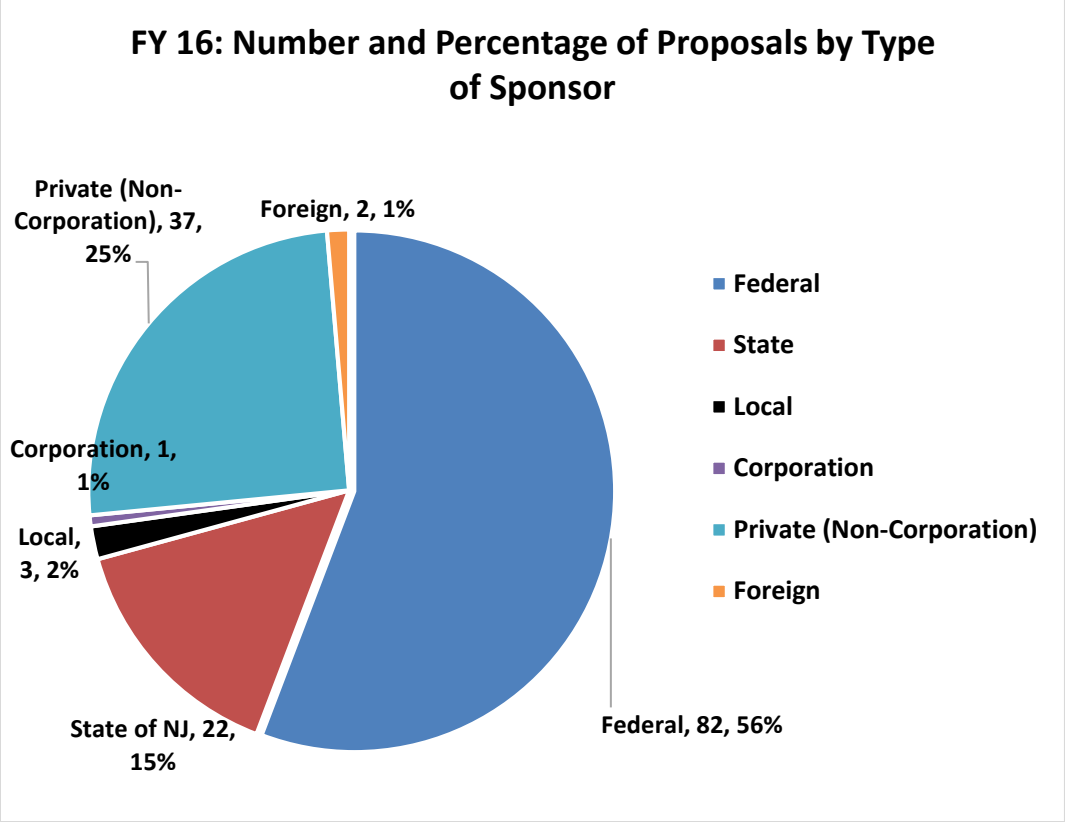
College / Division	FY 12	FY 13	FY 14	FY 15	FY 16	% change FY 15/16
College of the Arts (CART)	93,050	234,012	40,000	105,000	72,828	-30.64%
College of Education and Human Services (CEHS)	4,842,349	7,975,609	11,534,659	20,402,539	13,823,475	-32.25%
College of Humanities and Social Sciences (CHSS)	6,397,313	3,038,893	6,400,399	3,700,499	6,468,559	74.80%
College of Science and Mathematics (CSAM)	25,585,514	21,289,552	20,840,072	24,039,004	25,526,495	6.19%
School of Business (SBUS)	309,482	1,367,306	2,725	30,300	26,080	-13.93%
Other Programs	1,122,194	601,867	2,721,201	488,892	171,762	-64.87%
Totals:	**$ 38,349,902**	**$ 34,507,239**	**$ 41,539,056**	**$ 48,766,234**	**$46,089,199**	**-5.49%**


Total Proposal Dollar Amount by College: FY 12-16
$30,000,000
$25,000,000
$20,000,000
$15,000,000
$10,000,000
$5,000,000
$0
FY 12
FY 13
FY 14
FY 15
FY 16
CART
SBUS
CHSS
CEHS
CSAM


Number of Proposal Submissions by College: FY 12-16
FY 12
FY 13
FY 14
FY 15
FY 16
2
7
1
2
2
2
3
1
1
1
21
18
24
24
33
16
29
37
26
31
92
84
86
97
75
CART
SBUS
CHSS
CEHS
CSAM



Over the past 10 fiscal years, the total number of proposals submitted have increased steadily from year to year, with an average growth rate of 3.54% per year. In FY 09 and FY 10, a total of 21 additional submissions were generated by additional funding opportunities made available via the American Reinvestment and Recovery Act of 2009.



Proposed Dollar Amount by Sponsor Type: FY 15/16

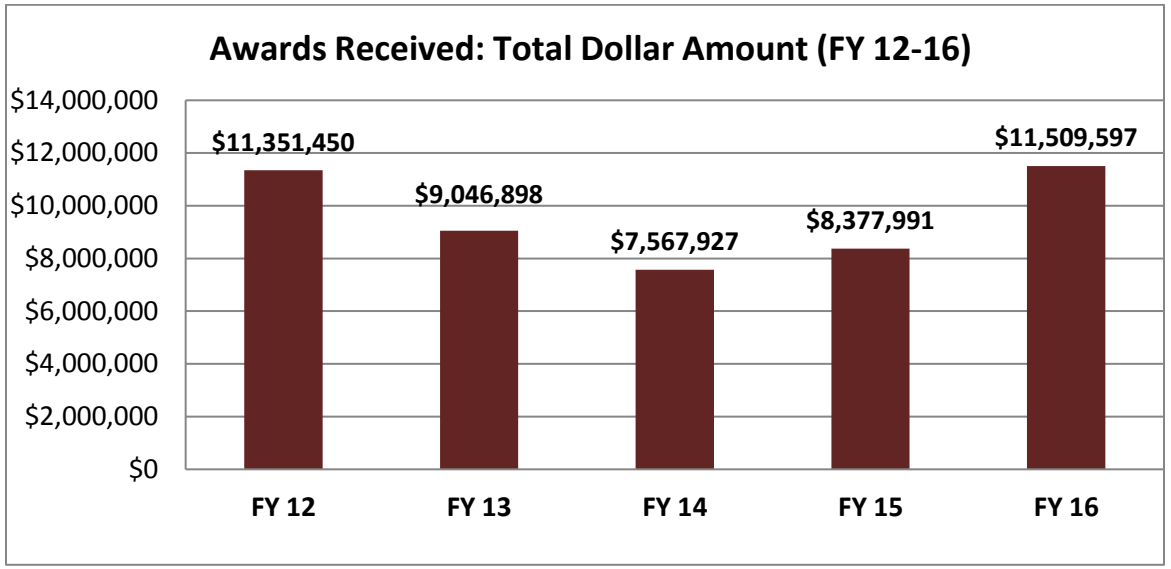
	FY 15	FY 16	% change
Federal	$38,584,934	$35,860,186	-7.06%
State	$3,484,462	$4,052,247	16.29%
Local	$0	$739,539	-
Corporation	$40,000	$1,765,626	4,314.07%
Private (Non-Corp)	$4,642,798	$2,247,657	-51.59%
Foreign	$2,014,040	$1,423,944	-29.30%
Total	**$48,766,234**	**$46,089,199**	**-5.49%**
Average Proposal Amount	**$316,663.86**	**$320,063.88**	**1.07%**

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

Montclair State University: Awards Received and Awarded Dollar Amount by College/Division (FY 15 & FY 16)

	Fiscal Year 2015 (July 1, 2014-June 30, 2015)				Fiscal Year 2016 (July 1, 2015-June 30, 2016)				*% change Total Dollars Awarded (FY 15 to FY 16)*
College / Division	**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	2	2.94%	62,341	0.74%	2	3.33%	62,341	0.54%	0.00%
CEHS	16	23.53%	3,340,479	39.87%	13	21.67%	7,604,079	66.07%	127.63%
CHSS	13	19.12%	1,293,645	15.44%	13	21.67%	1,221,716	10.61%	-5.56%
CSAM	32	47.06%	2,865,528	34.20%	28	46.67%	1,836,473	15.96%	-35.91%
SBUS	-	-	-	-	-	-	-	-	-
CCE	3	4.41%	787,998	9.41%	3	5.00%	764,988	6.65%	-2.92%
GLOBAL ED	1	1.47%	8,000	0.10%	-	-	-	-	-
LIBRARY SVCS	1	1.47%	20,000	0.24%	1	1.67%	20,000	0.17%	0.00%
Total	**68**	**100.00%**	**$8,377,991**	**100.00%**	**60**	**100.00%**	**$11,509,597**	**100.00%**	37.38%

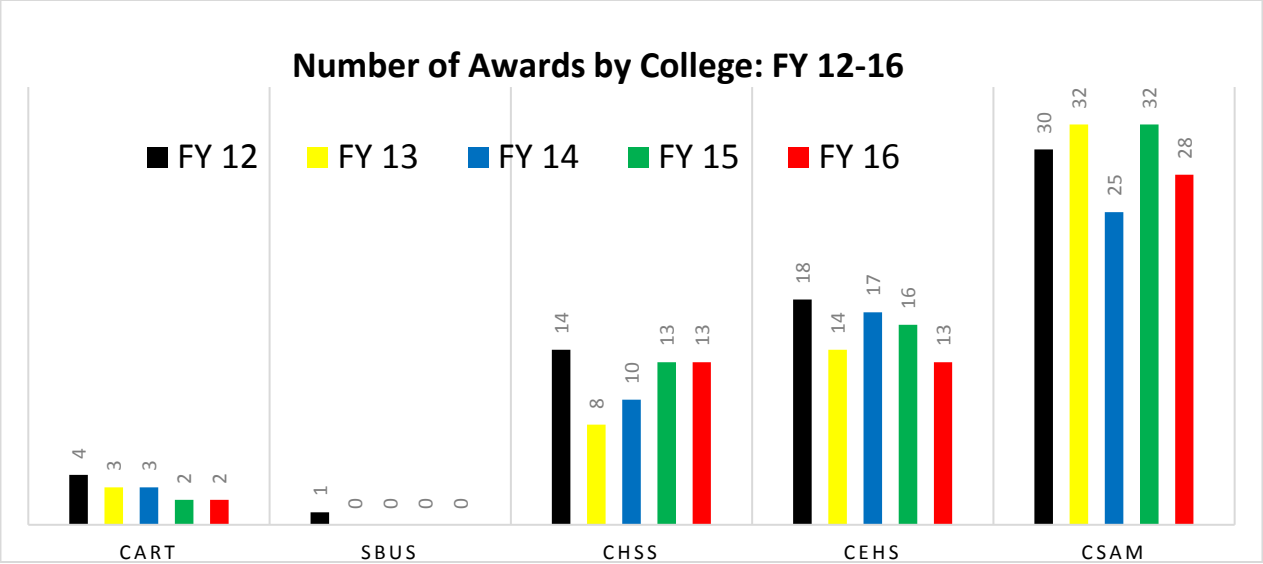
Total grant awards to MSU in FY 16 increased by 37.38%, to an MSU record high of $11.5M.



Awards Received: Total Dollar Amount by College/Division (FY 12-16)

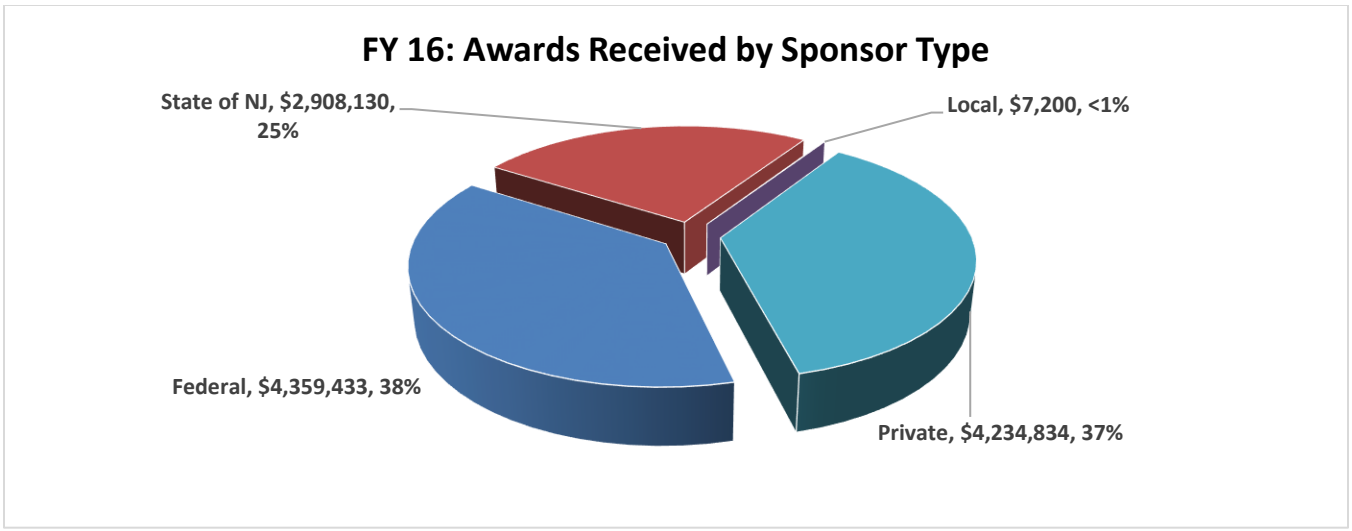
College / Division	FY 12	FY 13	FY 14	FY 15	FY 16	% change FY 15/16
College of the Arts (CART)	162,341	87,341	87,341	62,341	62,341	0.00%
College of Education and Human Services (CEHS)	5,422,564	2,961,359	2,628,346	3,340,479	7,604,079	127.63%
College of Humanities and Social Sciences (CHSS)	2,347,838	2,106,217	1,832,648	1,293,645	1,221,716	-5.56%
College of Science and Mathematics (CSAM)	3,105,785	3,679,874	2,733,345	2,865,528	1,836,473	-35.91%
School of Business (SBUS)	110,000	-	-	-	-	-
Center for Community Engagement	199,538	202,107	261,347	787,998	764,988	-2.92%
*Other Sponsored Programs	3,384	10,000	24,900	28,000	20,000	-
Totals:	**$11,351,450**	**$9,046,898**	**$7,567,927**	**$8,377,991**	**$11,509,597**	**37.38%**

***Includes Global Education, Library Services, and University Facilities.**



Total Awards by College : FY 12-16

	FY 12	FY 13	FY 14	FY 15	FY 16	% change (FY 15/16)
CART	$162,341	$87,341	$87,341	$62,341	$62,341	0.00%
SBUS	$110,000	-	-	-	-	-
CHSS	$2,347,838	$2,106,217	$1,832,648	$1,293,645	$1,221,716	-5.56%
CEHS	$5,422,564	$2,961,359	$2,824,121	$3,340,479	$7,604,079	127.63%
CSAM	$3,105,785	$3,679,874	$2,751,110	$2,865,528	$1,836,473	-35.91%
Total	**$11,148,528**	**$8,834,791**	**$7,495,220**	**$7,561,993**	**$10,724,609**	41.82%



Total Awards Received by Sponsor Type (FY 15/16)

	FY 15	FY 16	% change
Federal	$5,105,842	$4,359,433	-14.62%
State of NJ	$2,894,259	$2,908,130	0.48%
State (non-NJ)	$27,494	-	-
Local	-	$7,200	-
Private	$350,396	$4,234,834	1108.59%
Total	**$8,377,991**	**$11,509,597**	**37.38%**

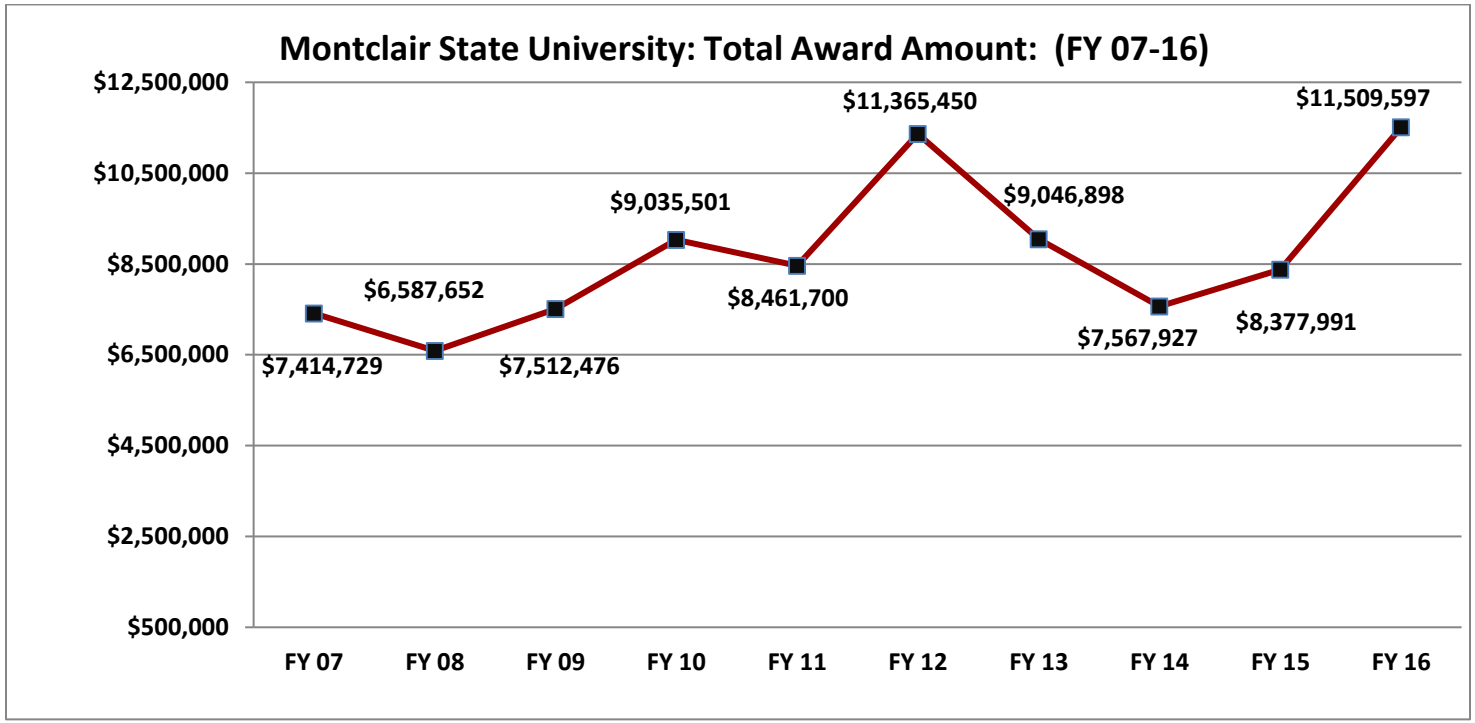
Total Number of Awards Received by Sponsor Type (FY 15/16)

	FY 15	FY 16	% change
Federal	36	30	-16.67%
State of NJ	19	17	-10.53%
State (non-NJ)	1	-	-
Local	-	1	-
Private	12	12	0.00%
Total	**68**	**60**	**-11.76%**

Total Number of Awards Received and Awarded Amount by Federal Sponsor (FY 15/16)

	FY 15				FY 16				
Sponsor	**Number**	**Amount**	**% Total**	**Avg. Award Amount**	**Number**	**Amount**	**% Total**	**Avg. Award Amount**	**% change total amount awarded: FY 15/16**
National Science Foundation	13	1,174,250	36.11%	90,327	5	935,560	21.46%	187,112	**-20.33%**
National Institutes of Health	4	482,905	11.11%	120,726	3	193,846	4.45%	64,615	**-59.86%**
Department of Education	5	2,268,635	13.89%	453,727	4	2,194,819	50.35%	548,705	**-3.25%**
Department of Defense	1	422,754	2.78%	422,754	2	119,921	2.75%	59,961	**-71.63%**
Department of Energy	-	-	-	-	1	122,553	2.81%	122,553	**-**
EPA	-	-	-	-	1	63,479	1.46%	63,479	**-**
Department of State	1	8,000	2.78%	8,000	-	-	-	-	**-**
NASA	3	94,573	8.33%	31,524	2	24,452	0.56%	12,226	**-74.14%**
NOAA	1	69,997	2.78%	69,997	4	151,003	3.46%	37,751	**115.73%**
National Park Service	1	17,892	2.78%	17,892	-	-	-	-	**-**
National Security Agency	1	19,473	2.78%	19,473	1	19,725	0.45%	19,725	**1.29%**
Partners of the Americas Fnd	1	25,000	2.78%	25,000	-	-	-	-	**-**
University Transportation Research Center	-	-	-	-	1	39,200	0.90%	39,200	**-**
US Fish and Wildlife Service	-	-	-	-	1	20,000	0.46%	20,000	**-**
US Geological Survey	2	10,000	5.56%	5,000	1	5,000	0.11%	5,000	**-50.00%**
Corporation for National and Community Service	2	262,363	5.56%	131,182	1	1,000	0.02%	1,000	**-99.62%**
DHHS	1	250,000	2.78%	250,000	3	468,875	10.76%	156,292	**87.55%**
Totals	**36**	**$5,105,842**	**100.00%**	**$141,829**	**30**	**$4,359,433**	**100%**	**$145,314**	**-14.62%**

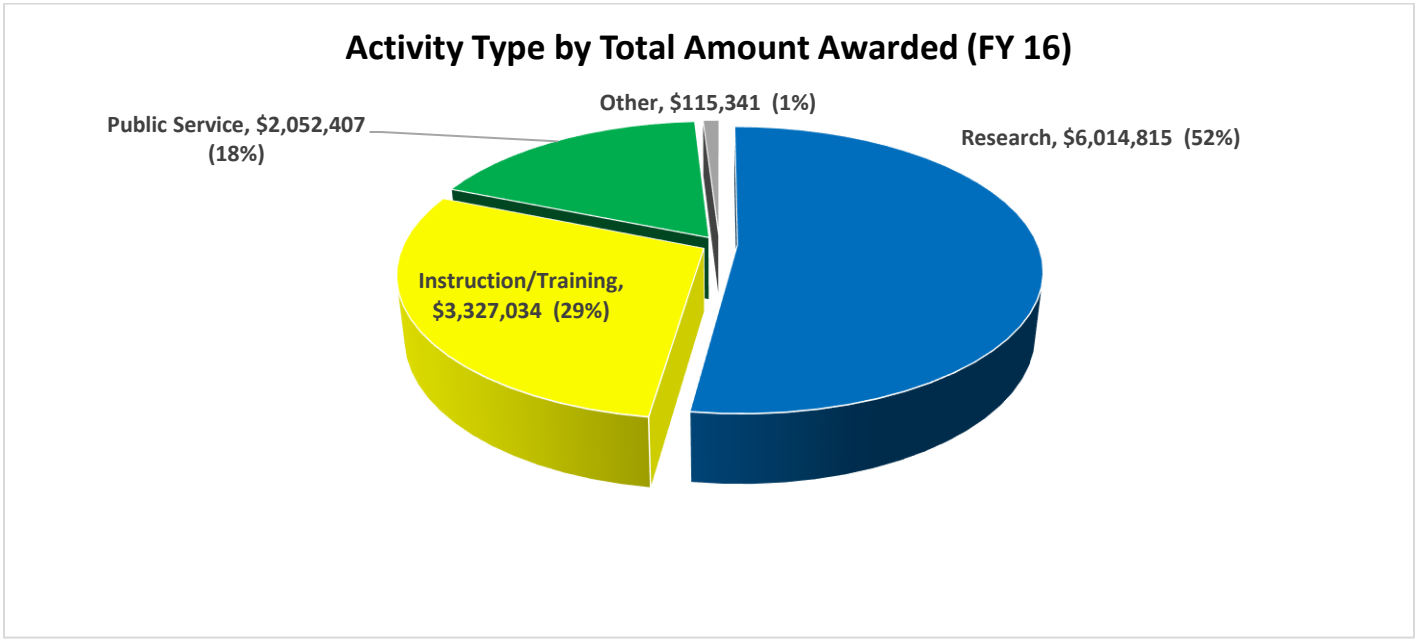
Total federal sponsorship decreased by 14.25% in FY 16, but was offset by a significant increase in private research sponsorship.



Since FY 07, award volume has grown steadily, at an average rate of 9.64% per year. In addition, the average award size over a 10 year period has increased by 37%, to $148,236.

Type of Activity: FY 15/16 Awarded Projects/Programs

	FY 15				FY 16			
	Number	**%**	**Amount**	**%**	**Number**	**%**	**Amount**	**%**
Research	35	50.75%	$2,593,504	30.96%	38	63.33%	$6,014,815	52.26%
Instruction/Training	16	23.88%	$3,445,596	41.13%	8	13.33%	$3,327,034	28.91%
Public Service	12	17.91%	$2,249,550	26.85%	8	13.33%	$2,052,407	17.83%
Other	5	7.46%	$89,341	1.07%	6	10.00%	$115,341	1.00%
Total	**68**	**100.00%**	**$8,377,991**	**100.00%**	**60**	**100.00%**	**$11,509,597**	**100.00%**



Collaborative Activity: FY 15/16 Awarded Projects/Programs (Research)

	FY 15		FY 16	
	Number	**Percentage**	**Number**	**Percentage**
Single PI/PD	14	40.00%	13	34.21%
Interdepartmental	2	5.71%	-	-
Intra-departmental	5	14.29%	13	34.21%
Inter-College	-	0.00%	1	2.63%
External Collaborations	14	40.00%	11	28.95%
Total	**35**	**100.00%**	**38**	**100.00%**

***Note: 1 external project also involved intra-departmental collaboration**

Collaborative Activity: FY 14/15 Awarded Projects/Programs (Non-Research)

	FY 15		FY 16	
	Number	**Percentage**	**Number**	**Percentage**
Single Project Director	19	57.58%	4	18.18%
Interdepartmental	1	3.03%	1	4.55%
Intra-departmental	3	9.09%	1	4.55%
Inter-College	2	6.06%	2	9.09%
External Collaborations*	8	24.24%	14	63.64%
Total	**33**	**100.00%**	**22**	**100.00%**

***Note: 1 external project also involved inter-college collaboration**

Training/Employment Data: FY 14/15 Awards by Position

	FY 15		FY 16	
	# of Positions	**Total**	**# of Positions**	**Total**
Student Workers*(hourly)	62	$317,428	49	$355,776
Graduate Assistants (Stipend + Tuition)**	50	$502,066	26	$724,636
Post-Doctoral Associates	4	$207,008	2	$62,054
Trainees ***	239	$1,080,417	175	$1,004,573
Totals	**355**	**$2,106,919**	**252**	**$2,147,039**

***Includes both graduate and undergraduate waged assistants.**

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

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

Montclair State University: Internal Awards Program:
Fiscal Year 2015-Fiscal Year 2017

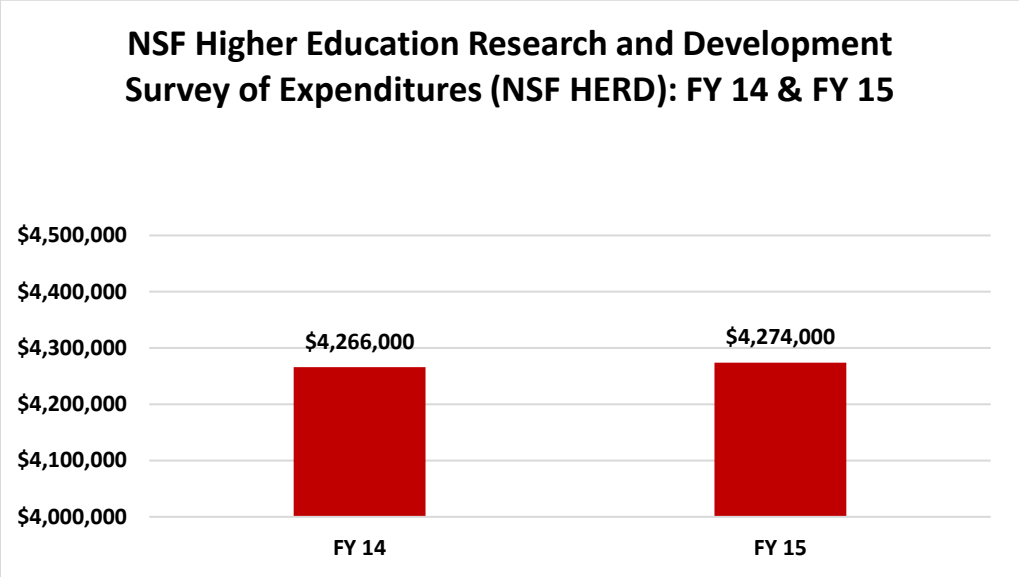
	FY 15		FY 16		FY 17	
Internal Awards	Number of Awards	Total Awarded	Number of Awards	Total Awarded	Number of Awards	Total Awarded
Summer Grant Proposal Development Award	9	40,000	12	44,500	11	48,055
Career Development Award	14	49,746	9	26,386	n/a	n/a
Separately Budgeted Research	11	43,980	6	24,741	5	21,338
Student Faculty Research	2	4,000	8	15,000	8	15,998
Total	36	**$137,726**	35	**$110,627**	24	**$85,391**
Average Award Amount		*$3,826*		*$3,161*		*$3,558*

MONTCLAIR STATE UNIVERSITY

Comparative Summary of Sponsored Program Expense Activity
FY2016 and FY2015

Natural Expense Category	FY2016 Expenses	FY2015 Expenses	% Change
Salary & Wages	5,575,992	5,603,875	-0.50%
Fringe Benefits	813,142	749,534	7.82%
Equipment	255,552	22,129	91.34%
Other Direct Expenses	4,913,700	4,292,647	12.64%
Total Direct Expenses	11,558,386	10,668,185	7.70%
Indirect Expenses	785,934	888,197	-13.01%
Total Sponsored Program Expenses	**$12,344,320**	**$11,556,382**	6.38%

Acknowledgment : Stanley Zimmermann
Director of Grant Accounting
Division of Finance and Treasury



R&D Expenditures by Type (FY 14 & FY 15)

	FY 14	FY 15	% change
Basic Research	$1,316,000	$1,201,000	-8.74%
Applied Research	$2,170,000	$2,319,000	6.87%
Development	$780,000	$754,000	-3.33%
Total	**$4,266,000**	**$4,274,000**	**0.19%**

NSF Definitions of Basic, Applied and Developmental Research:

a.) Basic Research: Research undertaken primarily to acquire new knowledge without any particular application in mind.

b.) Applied Research: Research conducted to gain the knowledge or understanding to meet a specific, recognized need.

c.) Developmental Research: The systematic user of the knowledge or understanding of research directed toward the production of useful materials, devices, systems or methods, including the design and development of prototypes and processes.

Source: NSF Higher Education Research and Development Survey

https://www.nsf.gov/statistics/srvyherd/

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 16, over $3.6M in funding was awarded to MSU in support of projects impacting the tri-state region. For more information on MSU's sponsored activities, please visit ORSP's awards archive.

- A $36,042 project funded by the **NJ Department of Environmental Protection**, entitled *"Assessment of Clinging Jellyfish Gonionemus Vertens Populations in the Shrewsbury River Estuary and Manasquan River Estuary."* In partnership with the NJ DEP, MSU researchers will determine the distribution and prevalence of the invading jellyfish and will sample area waters to collect jellyfish and conduct genetic analyses of specimens.

  Principal Investigators: **Paul Bologna and Jack Gaynor** (Biology, CSAM)

- A $283,875 grant from the **US Department of Health and Human Services, Substance Abuse and Mental Health Services Administration (SAMHSA)** in support of the University's *"Communities Organizing for Prevention and Empowerment"* program/ (Project C.O.P.E.). Project C.O.P.E. program will utilize new media platforms to raise awareness and educate target at-risk populations in the City of Paterson, NJ, on the many facets of substance abuse and HIV/AIDS.

  Project Directors: **Robert Reid and Pauline Garcia-Reid** (Family and Child Studies, CEHS)

- A $60,000 subaward from Boston University for the **US Department of Health and Human Services** entitled *"The influence of disaster recovery partnerships on mental health in New York City communities affected by Hurricane Sandy."* The project will investigate how characteristics of partnerships among community-based organizations in New York City in the aftermath of Hurricane Sandy were associated with residents' mental health, including posttraumatic stress and depression symptoms, and perceived mental health needs.

  Principal Investigator: **Sarah Lowe** (Psychology, CHSS)

- $12,828 from the **NJ Council of the Arts** in support of the George Segal Gallery's mission to propagate culture and art through exhibitions, educational and scholarly programs, focusing on contemporary art.

  Project Director: **Teresa Rodriguez** (Art Galleries, CART)

- A $250,000 award from the **US Department of Education** in support of Montclair State University's *"Upward Bound"* program. Upward Bound delivers educational opportunities for currently enrolled high school students, who come from low level income families and/or who are potential first-generation college attendees. UB provides fundamental support for participants to succeed in their current level of education as well as preparing them in their pursuit of higher education.

  Project Director: **Donna Lorenzo** (Health Careers, CSAM)

- A $56,224 award from the **NJ Department of Human Services** for the first year of the *"New Jersey Hearing Aid Project,"* which is an effort to provide low income individuals access to needed hearing aid devices and related audiological services that otherwise are not available due to cost.

  Project Directors: **Janet Koehnke and Maris Appelbaum** (Communication Sciences and Disorders, CHSS)

- $7,200 from the **Morris Park Alliance** for the first year of *"GIS and mapping service for the Morris County Park Commission project 'Connect to Walk.'"* The project will provide data collection, organization, mapping, and reporting tasks for the Morris Park Alliance's plan to map locations of walking and biking facilities within Morris County, identify gaps to connect to county parks, and make recommendations to communities to close those gaps.

  Principal Investigator: **Danlin Yu** (Earth and Environmental Studies, CSAM)

- $932,238 in funding from the **NJ Department of Children and Families.** This funding is in support of the *Robert D. McCormick Center for Child Advocacy and Policy* and supports several of the Center's programs to include the NJ Child Welfare Training Partnership, the Post-BA Certificate in Adolescent Advocacy, and the Summer Housing Internship Program (SHIP).

  Project Director: **Jason Dickinson** (Director of Robert D. McCormick Center for Child Advocacy and Policy, CHSS)

- $200,000 from the **NJ Department of Human Services** for a project entitled *"Grow NJ Kids."* From November 2015 through June 2016, the Center for Autism and Early Childhood Mental Health at Montclair State University partnered with Prevent Child Abuse New Jersey and four regional technical assistance centers to provide support to "Grow NJ Kids" and engaged centers in the areas of socio-emotional development and the promotion of inclusion.

  Project Director: **Gerry Costa** (Center for Autism and Early Childhood Mental Health, CEHS)

- A $20,000 grant from the **New Jersey Council for the Humanities** for *"Rising Tide: What We can Learn From the Dutch and their Relationship with Water."* The program consists of a series of lectures, film screenings, and discussions that explore the Dutch and their uneasy relationship with water as well as what New Jersey can learn from the Dutch experience in the wake of Hurricane Sandy. In addition, the program will address related themes such as the Dutch Republic, a former maritime power, and its legacy in New Jersey and New York, and the history of human understanding regarding the sea and natural disasters from a local and global perspective.

  Project Directors: **Steven Shapiro** (Library Services) and **Sandra Passchier** (Earth and Environmental Studies, CSAM)

- A $26,096 subaward from **ValleyArts** for the ArtPlace America-funded *"Unearthing the Future: the Art of Reverse Archaeology - Interstate 280 in Orange, NJ."* The project will uncover lost knowledge about the City of Orange, and the City of Orange and ValleyArts will link that knowledge to a new counter-narrative for Orange through a series of arts interventions.

  Principal Investigators: **Christopher Matthews and Katherine McCaffrey** (Anthropology, CHSS)

- $199,998 from the **NJ Department of Education** for a 3 year program entitled *"Being United in Leadership Development (BUILD)."* Montclair State University, in partnership with the Elizabeth Public Schools (EPS), Benedictine Academy, Philip's Academy, and St. Mary of the Assumption High School (together, EPS, Benedictine Academy, Philip's Academy and St. Mary's are the "School Partners") will develop and implement the Being United in Leadership Development (BUILD) program, through which experienced teachers will participate in a research-based professional development program to improve district-wide mentoring and induction policies and practices.

  Project Director: **Jennifer Robinson** (Center of Pedagogy, CEHS)

ORSP Outreach Activities and Professional Development

A. ORSP Hosted Workshops

NIH Academic Research Enhancement Award (AREA) Program Workshop
April 7, 2016
CELS 110
Presented by Marina Savransky, ORSP Assistant Director, and Dana Natale, ORSP Research Development Specialist

NCURA Region II Seminar: Hot Topics in Research Compliance
February 25, 2016
CELS 120
Presented by the National Council of University Research Administrators (NCURA), and organized by Dana Natale, Research Development Specialist. Over fifty research administrators from the tri-state region attended this half-day workshop to discuss several of the most challenging topics in the research compliance arena.

Grant Proposal Building and Routing using CAYUSE 424
February 11, 2016
UN 4116
Presented by Ted Russo, ORSP Director

ORSP Brown Bag Session: Significant NSF and NIH Guideline Changes
January 28, 2016
Special Collections Room, Sprague Library
Presented by ORSP Staff

Grant Proposal Building and Routing using CAYUSE 424
November 19, 2015
CELS 110
Presented by Ted Russo, ORSP Director

New Faculty Orientation 2015
October 26, 2015
University Hall Conference Center
Presented by ORSP Staff

Federal Acquisition Regulation and Federal Contracting: "Demystifying the FAR."
January 15, 2016
Thomas Jefferson University, Philadelphia, PA
Presented by Ted Russo, ORSP Director

ORSP Grant Recognition Event

April 19, 2016
80 attendees
Awards presented:

Meiyin Wu, Provost's 2016 Grant Recognition Award

Largest New One-Year Grant Awardees:

Zoe Burkholder (Educational Foundations, CEHS)
Robert Cart (Director of the John J. Cali School of Music, CART)
Fran Prezant (Communication Sciences and Disorders, CHSS)
Steven Shapiro (Library Services) and Sandra Passchier (Earth and Environmental Studies, CSAM)
David Talaga (Chemistry and Biochemistry, CSAM)

Largest New Multi-Year Grant Awardees:

Jorge Lorenzo Trueba (Earth and Environmental Studies, CSAM)
Christopher Matthews and Katherine McCaffrey (Anthropology, CHSS)
Jennifer Urban and Miriam Linver (Family and Child Studies, CEHS)

ORSP Funding Opportunity Dissemination Efforts

ORSP's listserv disseminated 492 opportunities in FY16.
ORSP Pre-award staff (to include the Director of ORSP) distributes approximately 10 to 15 individual opportunities per month.

ORSP Newsletter

Fourth volume of "Windows of Opportunity"
Featured 14 original articles and interviews contributed by the MSU community, including ORSP, IRB, Compliance, and the CEHS grants office.

B. Attendance at Trainings by Staff Members

- **Catherine Bruno, Post Award Coordinator**
  - Association of University Technology Managers (AUTM): Technology Operations and Organization Licensing Skills (TOOLS) Course (October 2015)
  - "Practical Subrecipient Monitoring" webinar by Federal Fund Management Advisor
  - "NSF Electronic Research Administration Forum" webinar presented by the National Science Foundation
- **Dana Natale, Research Development Specialist**
  - 2016 American Association of State Colleges and Universities (AASCU) Grant Resource Center Funding Competitiveness Conference (February 2016)
  - National Council of University Research Administrators (NCURA) Region II Seminar: Hot Topics in Research Compliance (February 2016)

- **Ted Russo, ORSP Director**
    - National Council of University Research Administrators (NCURA) Region II Seminar: Hot Topics in Research Compliance (February 2016)
    - Association of University Technology Managers (AUTM): Essentials of Academic Technology Transfer (ESSENTIALS) Course (October 2015)
- **Geetha Sampathkumar, Sponsored Programs Administrator**
    - In FY 2016, Geetha Sampathkumar successfully passed examination and received the professional designation of "Certified Research Administrator," (C.R.A.) from the Research Administrator's Certification Council.
    - "Inspiring Leadership through Emotional Intelligence" Certificate—online course authorized by Case Western Reserve University and offered through Coursera (August 2015)
    - National Council of University Research Administrators (NCURA) Level I: Fundamentals of Sponsored Project Administration Workshop (September 2015)
- **Marina Savransky, Assistant Director**
    - Society of Research Administrators International (SRA) Annual Meeting (October 2015)
- **Sam Wolverton, Sponsored Programs Coordinator**
    - National Council of University Research Administrators (NCURA) Level II: Sponsored Programs Administration Workshop (December 2015)

College/Division & Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Requested
ACADEMIC AFFAIRS (AA)						
CENTER FOR COMMUNITY ENGAGEMENT						
	Murdock, Bryan/ Dapiran, Danielle	2015 National Day of Service	NJ Commission on National and Community Service	9/10/2015	9/12/2015	$1,000
		Total Proposals for Center for Community Engagement: 1	**Total Requested for Center for Community Engagement:**			**$1,000**
COLLEGE OF THE ARTS (CART)						
Arts and Cultural Programming						
	Wheeler, Jedediah	General Programming Support FY 2017	NJ State Council on the Arts	7/1/2017	6/30/2020	$60,000
University Art Galleries						
	Rodriguez, Teresa	General Programming Support FY 2017	NJ State Council on the Arts	7/1/2017	6/30/2020	$12,828
		Total Proposals for CART: 2	**Total Requested for CART:**			**$72,828**
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)						
Center for Autism and Early Childhood Mental Health						
	Costa, Gerard	The MSU - Socio-Emotional Formation Initiative (MSU-SEFI), at the Center for Autism and Early Childhood Mental Health	NJ Department of Human Services	7/1/2016	6/30/2017	$900,000
	Costa, Gerard/ Mulcahy, Kaitlin	IECMH Training Project Launch 2015 - 2016	NJ Department of Children and Families	7/1/2015	6/30/2016	$240,560
	Costa, Gerard/ Mulcahy, Kaitlin	Grow New Jersey Kids	NJ Department of Human Services - Subaward from Prevent Child Abuse - New Jersey	11/1/2015	6/30/2016	$200,000
Center of Pedagogy						
	Robinson, Jennifer	21st Century Community Learning Centers Program	NJ Department of Education - Collaborative Proposal with Newark Public Schools	9/1/2016	8/31/2017	-
	Robinson, Jennifer	Project SELMAP - Request for Qualifications #8667	Newark Public Schools	9/1/2016	8/31/2017	-
	Robinson, Jennifer	Professional Development in Curriculum for School Leaders and Teachers - Year 2	Newark Public Schools	7/1/2016	6/30/2018	$700,000
	Robinson, Jennifer	Being United in Leadership Development (BUILD) - Year 2	NJ Department of Education	8/1/2016	7/31/2017	$200,000
Counseling and Educational Leadership						
	Bulkley, Katrina/ Hodge, Emily	Evaluation of the University Principal Preparation Initiative	Wallace Foundation - Subaward from University of Pennsylvania	9/1/2016	8/31/2021	$318,066
	Hodge, Emily	Questions of Coherence: Investigating Visions of Common Core Instruction in Secondary English/Language Arts Curricular Resources Provided by State Educational Agencies	Spencer Foundation	7/1/2016	6/30/2018	$50,000
	Levitt, Dana Heller	Can campus residence hall personnel serve effectively as mental health first-aid providers? A case-crossover evaluation of the Peer Hero Training Program	National Institutes of Health - Subaward from University of Texas Medical Center at Houston	7/1/2016	6/30/2020	$156,358
	Levitt, Dana Heller	Behavioral Health Workforce Education and Training for Paraprofessionals and Professionals	US Department of Health and Human Services	9/30/2016	9/29/2017	$299,699
	Renfro-Michel, Edina/ Hannon, Michael	Development and Assessment of Active Career Exploration (ACE), a Career Transition Gaming Application for Adolescents with Autism Spectrum Disorder	US Department of Education	7/1/2016	6/30/2020	$1,476,977

Torres, Chris	Teacher Hiring Processes and Organizational Fit in Charter Management Organizations	Spencer Foundation	5/1/2016	4/30/2018	$45,263
Early Childhood, Elementary and Literacy Education					
Freedson, Margaret	International Consortium for Multilingual Excellence in Education (ICMEE)	US Department of Education - Subaward from University of Colorado Denver	9/1/2016	8/31/2017	$10,530
Puig, Victoria/ Costa, Gerard/ Shin, Minsun	Promoting Parental and Staff Efficacy to Enhance Self-Regulation, Social, Emotional, Language Development and Secure Parent-Child Attachment	US Department of Health and Human Services	9/30/2015	9/29/2020	$2,000,000
Educational Foundations					
Burkholder, Zoe	Human Rights Education Internship	NJ Commission on Holocaust Education	9/1/2016	6/30/2017	$5,000
Fives, Helenrose/ Barnes, Nicole/ Hagiwara, Sumi (Early Childhood, Elementary and Literacy Education)	ASSESSMENT INFORMED RESPONSIVE TEACHING: SUPPORTING 3-DIMENSIONAL SCIENCE LEARNING TOWARD SCIENTIFIC LITERACY	National Science Foundation	1/1/2017	12/31/2019	$449,257
Gregory, Maughn/ Kennedy, David	Philosophy and Art Partnership Program	National Endowment for the Humanities	4/1/2016	3/31/2019	$399,993
Exercise Science and Physical Education					
Goh, Tan Leng	Promoting during School Physical Activity by Preservice Physical Education Teachers	SHAPE America	5/1/2016	5/1/2017	$5,000
Matthews, Evan L.	Sodium Induced Volume Loading and Cardiovascular Function During Rest and Exercise	American College of Sports Medicine	7/1/2016	6/30/2017	$10,000
Family and Child Studies					
Goldstein, Sara/ Lee, Chih-Yuan	Online peer socialization and cyber aggression during the transition to middle school: Links with the parent-adolescent relationship	National Science Foundation	7/1/2016	6/30/2019	$563,366
Linver, Miriam/ Urban, Jennifer	Contributing to a Civil Society: A Qualitative Study of the Inspire>Aspire Character Education Program for Youth	Spencer Foundation	9/1/2016	8/31/2017	$49,544
Urban, Jennifer/ Linver, Miriam	Character Virtue Development Evaluation Capacity Building Initiative	Templeton Foundation	1/15/2016	1/14/2019	$1,398,944
Health and Nutrition Sciences					
Amutah, Ndidiamaka	Project DASH: Divas Against the Spread of HIV/AIDS: An HIV prevention study in African American adolescents with HIV+ mothers	Centers for Disease Control and Prevention	5/1/2016	4/30/2020	$1,137,477
Blumberg, Renata/ Lal, Pankaj	Bridging the Gap Between New Jersey Farmers and Consumers Through Research, Education and Outreach	US Department of Agriculture	1/1/2017	12/31/2018	$150,000
Bose, Mousumi	STAIR II Consortium	National Institutes of Health - Subaward from University of Nebraska Medical Center	9/1/2016	8/31/2017	$62,678
Silvera, Stephanie	The Impact of Area Level Factors on Breast Cancer Stage at Diagnosis	National Institutes of Health	5/1/2016	4/30/2018	$153,087

Secondary and Special Education

Baglieri, Susan/ Bacon, Jessica (Early Childhood, Elementary and Literacy Education)/ Murdock, Bryan/ Woolston, Krystal (Center for Community Engagement)	Increasing Access to College (IAC) Project: Preparing Students with Individualized Education Programs (IEPs) for Life in the Community, Integrated Employment, and Post-School Success	NJ Department of Education - Subaward from Bloomfield Public Schools	9/1/2016	8/31/2017	$138,199
Goeke, Jennifer/ Kyse, Eden	Facilitated Mentoring for STEM Inclusion (FMSI)	National Science Foundation	9/1/2016	8/31/2020	$2,185,289
Naiditch, Fernando	Sheltered English Instruction Project Training	NJ Department of Education	9/1/2016	8/31/2018	$100,000
State, Talida	Evaluating Accommodations for High School Students with Emotional and Behavioral Disorders (EBD)	US Department of Education - Subaward from Lehigh University	9/1/2016	8/31/2019	$418,188

Total Proposals for CEHS: 31 **Total Requested for CEHS: $13,823,475**

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)

Anthropology

Matthews, Christopher	From Creole Synthesis to Racial Modernity: An archaeology of culture change in the Native and African American Community in Setauket, New York	Wenner-Grenn Foundation	1/1/2017	5/31/2018	$16,968
Matthews, Christopher/ McCaffrey, Katherine	LETTER OF INQUIRY: Transit-oriented development and the struggle for social equity in Orange, New Jersey	Russell Sage Foundation	1/1/2017	12/31/2019	$150,000

Communication Sciences and Disorders

Boyle, Mary/ McDougall, Andrew (CSAM)	Semantic Feature Treatment to Improve Conversation and Quality of Life in Aphasia	National Institutes of Health	9/1/2016	8/31/2019	$347,675
Boyle, Michael P.	Advancing Academic-Research Careers Award	American Speech-Language-Hearing Foundation	8/1/2016	2/28/2018	$5,000
Boyle, Michael P.	The Impact of Compound Stigmas for Lesbian, Gay, Bisexual, and Transgender People Who Stutter on Access to Healthcare Services and Overall Well-Being	National Institutes of Health - Subaward from Wayne State University	10/1/2016	9/30/2018	$30,689
Eisenberg, Sarita	Better Together: Using Drill to Increase the Efficacy of Embedded Therapy for Grammatical Forms	American Speech-Language-Hearing Foundation	1/1/2017	12/31/2019	$75,000
Koehnke, Janet/ Appelbaum, Maris	New Jersey Hearing Aid Project	NJ Department of Human Services - Division of the Deaf and Hard of Hearing	7/1/2016	6/30/2017	$56,224

Dean's Office

Isaacs, Emily/ Gingerich, Willard	Developing and Using Adaptive Courseware for English Composition Instruction at Public Research Universities	United Student Aid Funds (USA Funds) - Subcontract from Association of Public and Land-Grant Universities (APLU)	9/1/2015	1/31/2017	$20,000

Gender, Sexuality, and Women's Studies

Vaidya, Anuj	Queering the Sciences	NJ Council for the Humanities	11/1/2015	5/31/2016	$3,000

Justice Studies

Kurze, Arnaud	Mapping Complexity with Digital Methods: Untangling Political Challenges in the Mediterranean Basin and Europe	American Council of Learned Societies	7/1/2016	12/31/2017	$149,988
Michalsen, Venezia/ Salvatore, Christopher	Assessing Student Satisfaction with Academic Advising	National Academic Advising Association (NACADA)	10/1/2016	9/30/2017	$500

Linguistics

Howell, Jonathan	RUI: Detection of focused function words	National Science Foundation	7/1/2017	6/30/2020	$228,153

Psychology

Lakusta, Laura	RUI: Mapping conceptual representations into spatial language: The case of support	National Science Foundation	7/1/2016	6/30/2019	$598,164
Lakusta, Laura	RUI: Mapping conceptual representations into spatial language: The case of support	National Science Foundation	7/1/2016	6/30/2019	$583,449

Lowe, Sarah	Gulf Long-Term Follow-Up Study: Mental Health Analyses	National Institutes of Health - Subaward from Social & Scientific Systems, Inc.	1/1/2016	9/29/2016	$44,787
Lowe, Sarah	Identifying Risk Factors for PTSD by Pooled Analysis of Current Prospective Studies	National Institutes of Health/ NIMH - Subaward from Harvard University	5/1/2016	4/30/2017	$18,490
Lowe, Sarah	A multilevel spatial approach to understanding mental health among oil spill cleanup workers in Gulf communities	National Academy of Sciences	1/1/2017	12/31/2019	$284,693
Lowe, Sarah	A novel SYNDromic surveillance and analysis for Excess-Risk Of MEntal health problems based on geo-located social media data - SYNDROME	National Science Foundation - Subaward from the Robert Koch Institute	6/1/2017	5/31/2020	$153,652
Pardo, Jennifer	RUI: Phonetic Convergence in Spoken Communication	National Science Foundation	7/1/2016	6/30/2020	$743,271
Pardo, Jennifer	RUI: Phonetic Convergence in Spoken Communication	National Science Foundation	7/1/2016	6/30/2019	$740,229
Propper, Ruth	WHITE PAPER: Individual Differences in Handedness Effects on Categorical versus Coordinate Spatial Processing	Army Research Office	1/1/2016	12/31/2016	$97,000
Propper, Ruth	Categorical versus Coordinate Spatial Processing: Landmark Localization and Neurophysiology as a Function of Individual Differences in Handedness	Army Research Office - Army Research Institute for the Behavioral and Social Sciences	9/1/2016	8/31/2018	$200,826
Sessa, Valerie/ Bragger, Jennifer	Longitudinal Leadership Development Study	C. Charles Jackson Foundation	9/1/2016	8/31/2017	$4,450
Sessa, Valerie/ Bragger, Jennifer	Student Leadership Development During College	IDEA	9/1/2016	8/31/2017	$8,880
Vietze, Peter	Targeted intervention for nonverbal toddlers with ASD without verbal imitation	NJ Department of Health/ NJ Governor's Council for Medical Research and Treatment of Autism	6/30/2016	6/29/2018	$398,314
Zellner, Debra	CONCEPT PAPER: Addressing Obesity Through Increasing Vegetable Consumption in a School Lunch: Effect of a Salad Course and Adults at the Table	Robert Wood Johnson Foundation - Collaborative Proposal with Drexel University	2/1/2016	7/31/2017	$150,000
Zottoli, Tina M.	The Plea Deal Decision-Making of Juveniles Charged in Adult Court: Development of an Attorney Checklist	National Science Foundation - Subaward from Fairleigh Dickinson University	2/1/2016	1/31/2019	$101,310
Robert D. McCormick Center for Child Advocacy and Policy					
Dickinson, Jason	NJ Child Welfare Training Partnership 2015-2016	NJ Department of Children and Families - Subcontract from Rutgers University	7/1/2015	6/30/2016	$559,000
Dickinson, Jason	Summer Housing Internship Program (SHIP) 2015-2016	NJ Department of Children and Families - Subcontract from Rutgers University	7/1/2015	6/30/2016	$127,000
Dickinson, Jason	Post BA Certificate in Adolescent Advocacy 2015 - 2016	NJ Department of Children and Families	9/1/2015	8/31/2016	$246,238
Sociology					
Besen-Cassino, Yasemin	Gender and Society Book Review - Year 1	Sociologists for Women in Society - Subcontract from Oakland University	6/1/2015	5/31/2016	$15,000
Besen-Cassino, Yasemin	Gender and Society Book Review - Year 2	Sociologists for Women in Society - Subcontract from Oakland University	6/1/2016	5/31/2017	$15,000
Donoghue, Christopher	Abstinence Education Program Evaluation	NJ Department of Health	7/1/2016	6/30/2018	$295,609

Total Proposals for CHSS: 33 **Total Requested for CHSS: $6,468,559**

COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)

Biology

Bologna, Paul	Assessing the Biological Control of Sea Nettles (*Chrysaora quinquecirrha*) by Nudibranchs	Myth Group	11/15/2015	6/30/2016	$8,000
Bologna, Paul	Assessing the Biological Control of Sea Nettles (*Chrysaora quinquecirrha*) by Nudibranchs	NJ Department of Environmental Protection	5/1/2016	5/31/2017	$56,791
Bologna, Paul/ Gaynor, John	Assessment of clinging jellyfish *Gonionemus vertens* populations in the Shrewsbury River Estuary and the Manasquan River Estuary	NJ Department of Environmental Protection	6/27/2016	10/30/2016	$65,484
Du, Charles	RUI: Pinpointing influencers of integrated regulatory networks in model systems	National Science Foundation	9/1/2016	8/31/2019	$499,478
Krumins, Jennifer/ Forgoston, Eric (Mathematical Sciences)/ Goodey, Nina (Chemistry and Biochemistry)	Maximizing Plant Production: Switching between Fungally and Bacterially Dominated Rhizospheres	National Science Foundation and US Department of Agriculture	5/1/2017	4/30/2021	$1,165,838
Meredith, Robert	Collaborative Research: Advancing Bayesian Phylogenetic Methods for Synthesizing Paleontological and Neontological Data	National Science Foundation - Collaborative Proposal with Iowa State University	5/1/2016	4/30/2019	$180,683
Meredith, Robert/ Gaynor, John/ Du, Charles/ Adams, Sandra/ Monsen, Kirsten	MRI: Acquisition of a Shared Use Integrated Next-Generation Sequencing Platform	National Science Foundation	1/1/2017	12/31/2019	$247,472
Molina, Carlos	ICER Ubiquitination in Cancer	National Institutes of Health	7/1/2016	6/30/2019	$433,213
Molina, Carlos	Development of an economical surveillance method for AMR	Bill & Melinda Gates Foundation	7/1/2016	12/31/2017	$100,000
Molina, Carlos	Luciferase assay as a quick, sensitive, and economical tool for the surveillance of drug resistant infections	National Institutes of Health	9/1/2016	8/31/2018	$390,803
Molina, Carlos	Post-translational Regulation of Inducible cAMP Early Repressor and its Implications in Cancer	National Institutes of Health	1/1/2017	12/31/2020	$1,297,953
Molina, Carlos	Transcriptional repressor ICER's abnormal expression in melanoma: the role of post-translational modifications	National Institutes of Health	4/1/2017	3/31/2020	$433,213
Snitsarev, Vladislav	Excitability of Baroreceptor Nodose Neurons from Spontaneously Hypertensive Rats	National Institutes of Health	4/1/2016	3/31/2019	$313,978
Vanderklein, Dirk	Community Tree Inventory Pilot Study	NJ Department of Environmental Protection - Subaward from Township of Montclair	7/1/2016	6/30/2018	$7,000
Vanderklein, Dirk/ Goodey, Nina (Chemistry and Biochemistry)/ Dalley, Julie (Research Academy for University Learning)/ Galster, Josh (Earth and Environmental Studies)	STEM Pioneers: A 3-year pilot study to increase science literacy and STEM enrollment among first-year first-generation students	National Science Foundation	1/1/2017	12/31/2019	$300,000

Chemistry and Biochemistry

Gao, Jinshan	RUI: Glycan Characterization and Quantitative Analysis via Free Radical Induced Dissociation	National Science Foundation	8/1/2016	7/31/2019	$258,196
Gao, Jinshan	Development of solid-supported free radical probes for glycan structure elucidation, enrichment, and ionization enhancement	National Institutes of Health	9/1/2016	8/31/2019	$356,609
Gao, Jinshan/ Deng, Yang (Earth and Environmental Studies)	Development of a Novel Environmental Analytical Technique to Identify and Quantify Transformation Products of Traceable Emerging Contaminants for Water Reuse	US Geological Survey -Subaward from NJ Water Resources Research Institute/Rutgers University	3/1/2016	2/28/2017	$20,000
Gindt, Yvonne/ Konas, David/ Catalano, Jaclyn	RUI: Deciphering the Multiple Mechanisms of the CRY-DASH Protein	National Science Foundation	9/1/2016	8/31/2019	$215,212
Goodey, Nina	Structural Determinants of Ligand Binding and Selectivity in *B. malayi* DHFR	National Institutes of Health	1/1/2017	12/31/2019	$400,483
Goodey, Nina/ Krumins, Jennifer	RUI: Increasing Soil Enzymatic Function with Targeted Microbial Inocula	National Science Foundation	6/1/2016	5/31/2019	$320,180

Goodey, Nina/ Tobias, Andrew M. (Student)	Expression, purification, and enzymatic characterization of *W. bancrofti* DHFR	American Society for Biochemistry and Molecular Biology	5/15/2016	9/1/2016	$1,000
Rotella, David	PRE-PROPOSAL: DOD's BAA for Extramural Medical Research	US Department of Defense	1/1/2016	12/31/2016	-
Schelvis, Johannes/ Gindt, Yvonne	The mechanism of DNA damage recognition by photolyase and cryptochrome DASH	National Institutes of Health	1/1/2017	12/31/2019	$341,942

Computer Science

Fails, Jerry/ Herbert, Katherine	PRE-PROPOSAL: Infrastructure for Mobile Cloud-based Scientific Inquiry	National Science Foundation	-	-	-
Herbert, Katherine/ Goodey, Nina (Chemistry and Biochemistry)/ Schneemeyer, Lynn (Dean's Office)/ Bragger, Jennifer (CHSS)	NNJ PROGRESS - PROmoting GRaduate Education for Success in Science	National Science Foundation	6/1/2017	5/31/2022	$5,000,000
Leberknight, Christopher S./ Feldman, Anna (CHSS)/ Samanthula, Bharath	RUI: Nonencryption-based Methods to Evade Online Censorship	National Science Foundation	7/1/2016	6/30/2019	$487,191
Leberknight, Christopher S./ (Students: Kufel, Sebastian (CS)/ Sukdeo, Tyler (CS)/ Garcia, Jefferson (IT)/ Adamski, Jeffrey (IT))	Class Connect: An Adaptive and Personalized Learning Ecosystem	VentureWell	2/1/2016	5/1/2016	$5,000
Leberknight, Christopher S./ Lal, Pankaj (Earth and Environmental Sciences)/ Wu, Meiyin (Passaic River Institute)	Challenges and Opportunities for Water Management: A Hybrid Approach to Modeling the Impact of Combined Sewer Overflows	National Science Foundation	2/1/2016	6/30/2019	$995,261
Peng, Jing/ Feldman, Anna (CHSS)	Dynamic Data-Driven Fusion and Scene Understanding for Real Time Queries over Live Streaming Video	US Department of Defense - Air Force Office of Scientific Research	7/1/2016	6/30/2017	$146,564
Peng, Jing/ Feldman, Anna (CHSS)	REU Site: Research Experience for Undergraduates in Artificial Intelligence	National Science Foundation	5/1/2016	4/30/2019	$267,776
Peng, Jing/ Feldman, Anna (CHSS)	What's in Your Phone?: Intelligent Tools for Digital Evidence Collection from Mobile Devices	National Institute of Justice	1/1/2017	12/31/2019	$459,635
Robila, Stefan/ Trubatch, David (Mathematical Sciences)/ Du, Charles (Biology)	MRI: Acquisition of a High Performance Computing Environment for Advancement of Computational Science Research and Education	National Science Foundation	9/1/2016	8/31/2019	$699,822

Dean's Office

Schneemeyer, Lynn	RUI: Investigations of New Highly Correlated Electron Materials in Reduced Molybdates with Increased Chemical and Structural Complexity	National Science Foundation	5/1/2016	4/30/2019	$93,185
Schneemeyer, Lynn/ Willis, Jacalyn (PRISM)	PRISM Science Ambassadors	NJ Department of Education	7/1/2016	6/30/2017	$380,000

Earth and Environmental Studies

Alo, Clement	A pilot project on assessing the impacts of climate variability and change on water supply availability in the Passaic River Basin, New Jersey	US Geological Survey -Subaward from NJ Water Resources Research Institute/Rutgers University	7/1/2016	6/30/2017	$20,000
Deng, Yang	PRE-PROPOSAL: Ferrate(VI) for Pathogen Inactivation and Antibiotic Resistance Gene (ARG) Destruction for Wastewater Reclamation	Water Environment Research Foundation	3/1/2016	2/28/2018	$322,872
Deng, Yang	Low-Cost Active Coating Mulch for Urban Runoff Management	US Environmental Protection Agency	9/1/2016	8/31/2017	$15,000
Deng, Yang	Towards Green Water Reclamation with Ferrate(IV) - Mechanisms and Performance of Ferrate(IV) Mitigation of Antibiotics Resistance Genes (ARG) and Phosphorous for Improved Water Reuse	US Geological Survey - Subaward from National Institutes for Water Resources	9/1/2016	8/31/2019	$250,000
Deng, Yang	Sustainable approaches for nitrogen management in landfill leachate	Environmental Research and Education Foundation - Subaward from Lamar University	9/1/2016	8/31/2019	$3,000

Deng, Yang	Fate and Leaching Patterns of Dissolved Organic Nitrogen (DON) and UV-Quenching Substances (UVQS) over a Landfill Lifecycle	Environmental Research and Education Foundation	9/1/2016	2/28/2019	$222,382
Deng, Yang	Biochar-Coated Mulches for Alleviation of Stormwater N for Healthy New Jersey Coastal Waters	National Oceanic and Atmospheric Administration - Subaward from NJ Sea Grant Consortium	5/1/2016	4/30/2017	$5,000
Deng, Yang	Low-cost Adsorbent Coated (LAC) Wood Mulches for Mitigation of New Jersey (NJ) Agricultural Stormwater Pollution	US Department of Agriculture	10/1/2016	3/31/2018	$75,000
Deng, Yang/ Zheng, Lei (Student)	Toward a Greener Water Reuse Technology with Ferrate(VI) - Phosphorous Removal and Recovery	US Geological Survey -Subaward from NJ Water Resources Research Institute/Rutgers University	3/1/2016	2/28/2017	$5,000
Feng, Huan/ Nie, Jing (Student)	Mechanism investigation of metal nanoparticle uptake and accumulation in wetland plants for water quality improvement and wetland ecosystem restoration	US Geological Survey - Subaward from NJ Water Resources Research Institute/Rutgers University	6/1/2016	5/31/2017	$4,980
Feng, Huan/ Prezant, Robert	Multidisciplinary Study of Macrobenthos Community Response to Sediment Metal Contamination in Yangtze River Delta Intertidal Zone	SKLEC, East China Normal University	8/1/2016	7/31/2018	$25,000
Lal, Pankaj	CAREER: Geographic Suitability, Socioeconomic Uncertainty, and Environmental Consequences: Exploring Place-based Opportunities for Bioenergy Sustainability	National Science Foundation	7/1/2016	6/30/2021	$484,363
Lorenzo Trueba, Jorge	Collaborative Research: Integrated field and modeling investigation of coupled barrier-backbarrier system responses to long-term coastal change	National Science Foundation - Collaborative Proposal with Woods Hole Oceanographic Institution, Virginia Institute of Marine Science, University of Southern Mississippi	3/1/2016	2/28/2018	$130,410
Passchier, Sandra	Understanding fast ice retreat through analysis of glacial varves in the Baltic basin	National Science Foundation	9/1/2016	8/31/2019	$215,849
Sarkar, Dibyendu/ Punamiya, Pravin	Low-cost, Green Technology to Improve Water and Soil Quality in Mining-Impacted Ecosystems. Phase-II: On-Site Demonstration	US Department of the Interior - Subaward from Michigan Technological University	5/1/2016	4/30/2018	$79,652
Wieczerak, Taylor (Student)	NSF Graduate Research Fellowship Program	National Science Foundation	-	-	$46,000
Yu, Danlin	GIS and mapping service for the Morris County Park Commission project “Connect to Walk”	Morris Park Alliance	5/1/2016	12/31/2017	$7,200
Yu, Danlin/ Su, Haiyan (Mathematical Sciences)	Geographically weighted panel regression - a new method for analyzing geo-panel data	National Science Foundation	9/1/2016	8/31/2019	$416,898
Yu, Danlin/ Deng, Yang/ Fails, Jerry (Computer Science)/ Feng, Huan	Sustainability scenarios: developing a novel and scalable indicator based sustainability metric and a dynamic forecasting model to support decision and community involvement	National Science Foundation	6/1/2016	5/31/2019	$461,140

Mathematical Sciences

Bal, Deepak	Colorings of Random Graphs	Simons Foundation	9/1/2016	8/31/2021	$35,000
Favata, Marc	Probing the nonlinear dynamics of spacetime via the gravitational-wave memory, and improving the introductory physics experience	Research Corporation for Science Advancement	9/1/2016	8/31/2019	$100,000
Golnabi, Amir	3-Dimensional Ultrasonographic Evaluation of Placental Volume Using a Novel Method	St. Barnabas Medical Center	7/1/2016	7/31/2016	$22,370
Ivanescu, Andrada	Child growth curve modeling	Johns Hopkins University	8/1/2015	8/31/2015	$10,957
Ivanescu, Andrada	Dynamic Prediction for Longitudinal and Functional Data	National Science Foundation	7/1/2016	6/30/2019	$97,284
Krupa, Erin/ Greenstein, Steven/ Robinson, Jennifer	Noyce at Montclair: Preparing the Effective Elementary Mathematics Teacher Scholarship Program	National Science Foundation	1/1/2016	12/31/2020	$1,449,482

Munakata, Mika/ Vaidya, Ashuwin	Engaged Learning through Creativity in Mathematics and Science	National Science Foundation	6/1/2016	5/31/2019	$299,702
Nita, Bogdan	Collaborative Research in Fluid Dynamics and Seismic Imaging	Simons Foundation	1/9/2016	8/31/2021	$35,000
Su, Haiyan	Adjusted empirical likelihood-based inference for treatment comparisons	Simons Foundation	9/1/2016	8/31/2021	$35,000
Thomas, Diana/ Song, Baojun/ McDougall, Andrew	Application of artificial neural networks for predicting long-term bariatric surgery outcomes from short-term markers	National Institutes of Health	1/1/2017	12/31/2019	$965,514
Trubatch, David	Collaborative Research: RUI: Three-Dimensional Multiphysics Simulation of Multi-phase Flows with Magnetic Fluids	National Science Foundation - Collaborative Proposal with Cooper Union	7/1/2016	6/30/2019	$181,499
Vaidya, Ashuwin	RUI: Collaborative Research: Vortex induced dynamics and pattern selection in out of equilibrium systems	National Science Foundation - Collaborative Proposal with George Mason University	7/1/2016	6/30/2019	$246,419
Vaidya, Ashuwin	Collaborative Research: Dynamics of surfactant - amyloid-beta protein interactions during self-assembly	National Science Foundation - Collaborative Proposal with University of Southern Mississippi and Virginia Commonwealth University	8/1/2016	7/31/2019	$155,327
Passaic River Institute					
Wu, Meiyin	Establish a Research and Development Laboratory for Ultrasonic Technologies and a Ballast Water Testing Facility	Bankers Capital Realty Advisors	1/1/2016	12/31/2018	$1,765,626
Wu, Meiyin	Enhance awareness of surface water resources in Essex County and prevention education to underserved community	US Environmental Protection Agency - Subaward from Essex Regional Health Commission	6/1/2016	9/30/2016	$4,850
Wu, Meiyin	Lake Hopatcong Foundation Studies	Lake Hopatcong Foundation	6/1/2016	10/31/2017	$55,560
Wu, Meiyin	Stopping Trash Where it Starts	New England Interstate Water Pollution Control Commission - Subaward from Hudson River Foundation/NY-NJ Harbor and Estuary Program	8/1/2016	1/31/2018	$43,815
Wu, Meiyin	Pathogen survey and Geodatabase development for Montclair waters	Township of Montclair	6/1/2016	12/31/2016	$39,539
Wu, Meiyin/ Lal, Pankaj/ Weinstein, Michael	Coastal Resiliency: Balancing the Protection of People and Property with the Goods and Services Values of Surrounding Ecosystems	National Oceanic and Atmospheric Administration	1/1/2016	12/31/2018	$999,305
PSEG Institute for Sustainability Studies					
Tuininga, Amy R./ Lal, Pankaj	Building a Green Team Network	US Environmental Protection Agency	10/1/2016	9/30/2018	$146,748
Tuininga, Amy R./ Lal, Pankaj	Training a Network of Green Teams	US Environmental Protection Agency	10/1/2016	9/30/2018	$99,790
	Total Proposals for CSAM: 75		**Total Requested for CSAM:**		**$25,526,495**

FELICIANO SCHOOL OF BUSINESS (SBUS)

Feliciano Center for Entrepreneurship

Malaga, Ross/ Frasca, Jason	Montclair State University Micro-Incubator Program (MIP) Course & Program Faculty Grant	VentureWell	1/1/2016	12/31/2017	$26,080

Total Proposals for SBUS: 1 **Total Requested for SBUS: $26,080**

GLOBAL EDUCATION

Cunningham, Marina/ Yang, Li	Afghanistan Junior Faculty Development Program Year 2016	Institute of International Education	1/9/2016	3/16/2016	$118,847
Dominguez, Domenica/ Gilbert-Simon, Wendy	Generation Study Abroad Incentive Grant	Institute of International Education	6/1/2016	9/21/2017	$7,500
Gilbert-Simon, Wendy/ Benton, Heather (CART)	Promoting Study Abroad in Theater between US and Chile	Partners of the Americas Foundation	10/1/2016	9/30/2017	$25,000

Total Proposals for Global Education: 3 **Total Requested for Global Education: $151,347**

STUDENT DEVELOPMENT AND CAMPUS LIFE (SDCL)

Health Promotion

Cascarano, Marie	Tobacco-Free Red Hawks	American Cancer Society	9/1/2016	8/30/2017	$19,415

Total Proposals for SDCL: 1 **Total Requested for SDCL : $19,415**

Total Proposals: 147 **Grand Total: $46,089,199**

College/Division and Department	Lead Faculty	Project Title	Sponsor Name	Start Date	End Date	Amount Awarded
ACADEMIC AFFAIRS						
CENTER FOR COMMUNITY ENGAGEMENT						
	Murdock, Bryan	City of Orange Proposal to the U.S. Department of Education: University Assisted Full Service Community Schools Program - Year 2	US Department of Education	10/1/2015	9/30/2016	$ 468,240
	Murdock, Bryan/ Dapiran, Danielle	2015 National Day of Service	NJ Commission on National and Community Service	9/10/2015	9/12/2015	$ 1,000
	Murdock, Bryan/ Woolston, Krystal/ FitzGerald, Randall (CSAM)/ Dapiran, Danielle	Montclair State University EECO Project - Year 1	NJ Commission on National and Community Service	9/1/2015	8/31/2016	$ 295,748
		Total Awards for Center for Community Engagement: 3		**Total for Center for Community Engagement :**		**$ 764,988**
COLLEGE OF THE ARTS (CART)						
Arts and Cultural Programming						
	Wheeler, Jedediah	General Programming Support - FY 2016	NJ State Council on the Arts	7/1/2015	6/30/2016	$ 49,513
University Art Galleries						
	Rodriguez, Teresa	General Programming Support - FY 2016	NJ State Council on the Arts	7/1/2015	6/30/2016	$ 12,828
		Total Awards for CART: 2			**Total for CART :**	**$ 62,341**
COLLEGE OF EDUCATION AND HUMAN SERVICES (CEHS)						
Center for Autism and Early Childhood Mental Health						
	Costa, Gerard	The MSU-Socio-Emotional Formation Initiative	NJ Department of Human Services	7/1/2016	6/30/2017	$ 850,000
	Costa, Gerard/ Mulcahy, Kaitlin	IECMH Training Project Launch 2015 - 2016	NJ Department of Children and Families	7/1/2015	6/30/2016	$ 240,560
	Costa, Gerard/ Mulcahy, Kaitlin	Grow New Jersey Kids	NJ Department of Human Services - Subaward from Prevent Child Abuse - New Jersey	11/1/2015	6/30/2016	$ 200,000
Center of Pedagogy						
	Robinson, Jennifer	Being United in Leadership Development (BUILD) - Year 1	NJ Department of Education	9/1/2015	7/31/2016	$ 199,977
	Robinson, Jennifer/ Wray, Susan	Newark Montclair Urban Teacher Residency - Year 2	US Department of Education	10/1/2015	9/30/2016	$ 1,181,143
Counseling and Educational Leadership						
	Bulkley, Katrina	The New 'One Best System?': Urban Governance and Educational Practice in the Portfolio Management Model	Spencer Foundation	1/1/2016	8/31/2018	$ 1,000,000
Educational Foundations						
	Burkholder, Zoe	Human Rights Education Internship	NJ Commission on Holocaust Education	9/1/2016	6/30/2017	$ 5,000
Family and Child Studies						
	Reid, Robert/ Garcia-Reid, Pauline	Paterson Coalition Against Substance Abuse (P-CASA) - Year 3	US Department of Health and Human Services/SAMHSA	9/30/2015	9/29/2016	$ 125,000
	Reid, Robert/ Garcia-Reid, Pauline	Project C.O.P.E. - Year 1	US Department of Health and Human Services/SAMHSA	9/30/2015	9/29/2016	$ 283,875
	Urban, Jennifer/ Linver, Miriam	Character Virtue Development Evaluation Capacity Building Initiative	Templeton Foundation	2/1/2016	1/31/2019	$ 1,288,328

	Urban, Jennifer/ Linver, Miriam	Inspiring Youth Purpose through Reflection on the Laws of Life: Improving, Implementing, Evaluating & Researching the Inspire>Aspire Poster Program	Templeton Foundation	8/1/2015	7/31/2018	$ 1,796,560
Health and Nutrition Sciences						
	Silvera, Stephanie	Exploring Sociodemographic and Behavioral Factors Underlying Racial/Ethnic Disparities in Cancer Prevention Behaviors in New Jersey · Year 4	National Institutes of Health	9/1/2015	8/31/2016	$ 138,200
Secondary and Special Education						
	Goeke, Jennifer	Restructuring Preservice Preparation for Innovative Special Education (RePPrISE) - Year 5	US Department of Education	10/1/2015	9/30/2016	$ 295,436
		Total Awards for CEHS: 13			**Total for CEHS :**	**$ 7,604,079**
COLLEGE OF HUMANITIES AND SOCIAL SCIENCES (CHSS)						
Anthropology						
	Matthews, Christopher/ McCaffrey, Katherine	Unearthing the Future: the Art of Reverse Archaeology - Interstate 280 in Orange, NJ	ArtPlace - Subaward from ValleyArts	8/1/2015	1/31/2017	$ 26,096
Communication Sciences and Disorders						
	Koehnke, Janet/ Appelbaum, Maris	New Jersey Hearing Aid Project - Year 1	NJ Department of Human Services	7/1/2016	6/30/2017	$ 56,224
Dean's Office						
	Isaacs, Emily/ Gingerich, Willard	Developing and Using Adaptive Courseware for English Composition Instruction at Public Research Universities	United Student Aid Funds (USA Funds) - Subcontract from Association of Public and Land-Grant Universities (APLU)	9/1/2015	1/31/2017	$ 20,000
Gender, Sexuality, and Women's Studies						
	Vaidya, Anuj	Queering the Sciences	NJ Council for the Humanities	11/1/2015	5/31/2016	$ 3,000
Psychology						
	Lowe, Sarah	Gulf Long-Term Follow-Up Study: Mental Health Analyses	National Institutes of Health - Subaward from Social & Scientific Systems, Inc.	1/1/2016	9/29/2016	$ 44,787
	Lowe, Sarah	The influence of disaster recovery partnerships on mental health in New York City communities affected by Hurricane Sandy	US Department of Health and Human Services - Subaward from Boston University	1/1/2015	9/14/2016	$ 60,000
	Propper, Ruth	Individual Differences in Handedness Effects on Categorical versus Coordinate Spatial Processing	US Department of Defense - Army Research Office	7/1/2016	3/31/2017	$ 44,921
	Sessa, Valerie/ Bragger, Jennifer	Longitudinal Leadership Development Study	C. Charles Jackson Foundation	9/1/2016	8/31/2017	$ 4,450
Robert D. McCormick Center for Child Advocacy and Policy						
	Dickinson, Jason	NJ Child Welfare Training Partnership 2015 - 2016	NJ Department of Children and Families - Subcontract from Rutgers University	7/1/2015	6/30/2016	$ 559,000
	Dickinson, Jason	Post BA Certificate in Adolescent Advocacy 2015 - 2016	NJ Department of Children and Families	9/1/2015	8/31/2016	$ 246,238
	Dickinson, Jason	Summer Housing Internship Program (SHIP) 2015 - 2016	NJ Department of Children and Families - Subcontract from Rutgers University	7/1/2015	6/30/2016	$ 127,000

Sociology

Besen-Cassino, Yasemin	Gender and Society Book Review - Year 1	Sociologists for Women in Society - Subcontract from Oakland University	6/1/2015	5/31/2016	$	15,000
Besen-Cassino, Yasemin	Gender and Society Book Review - Year 2	Sociologists for Women in Society - Subcontract from Oakland University	6/1/2016	5/31/2017	$	15,000
	Total Awards for CHSS: 13			**Total for CHSS:**	**$**	**1,221,716**

COLLEGE OF SCIENCE AND MATHEMATICS (CSAM)

Biology

Bologna, Paul	Assessing the Biological Control of Sea Nettles (*Chrysaora quinquecirrha*) by Nudibranchs	Myth Group	11/15/2015	6/30/2016	$	8,000
Bologna, Paul/ Gaynor, John	Assessment of clinging jellyfish *Gonionemus vertens* populations in the Shrewsbury River Estuary and the Manasquan River Estuary	NJ Department of Environmental Protection	7/1/2016	7/26/2016	$	36,042
Hazard, Lisa/ Monsen, Kirsten	Environmental Correlates of Ranavirus Disease Distribution in New Jersey	NJ Department of Environmental Protection	3/13/2015	3/12/2016	$	3,500
Meredith, Robert	Collaborative Research: Advancing Bayesian Phylogenetic Methods for Synthesizing Paleontological and Neontological Data	National Science Foundation - Collaborative Proposal with Iowa State University	5/1/2016	4/30/2019	$	136,451

Chemistry and Biochemistry

Eshuis, Hendrik	RUI: Towards accurate computational studies of dynamics and mechanisms of transition metal homogeneous (photo)catalysis	National Science Foundation	9/1/2015	8/31/2018	$	195,425
Gindt, Yvonne	DNA Repair Under Extreme Conditions - Year 4	National Aeronautics and Space Administration - Subaward from Temple University	2/20/2016	2/19/2017	$	10,961
Goodey, Nina/ Tobias, Andrew M. (Student)	Expression, purification, and enzymatic characterization of *W. bancrofti* DHFR	American Society for Biochemistry and Molecular Biology	5/15/2016	9/1/2016	$	1,000
Rotella, David	Discovery and Optimization of Botulinum Toxin A Protease Inhibitors - Supplement	US Department of Defense - Defense Threat Reduction Agency	9/15/2014	12/14/2015	$	75,000

Dean's Office

Weinstein, Michael	At Risk - Healthy Coastal Ecosystems and Resilient Communities & Economies in an Era of Climate Change: A Balanced Approach to Protecting People, Property and Nature in Historic Greenwich Township, N.J. - Partial Funding for Year 1	National Oceanic and Atmospheric Administration - NJ Sea Grant Consortium Subaward from NJ Institute of Technology	2/1/2016	7/31/2016	$	6,005

Earth and Environmental Studies

Chopping, Mark	Changes in Shrub Abundance in Arctic Tundra from the Satellite High Resolution Record for the Arctic-Boreal Vulnerability Experiment and Impacts on Albedo - Year 1	National Aeronautics and Space Administration	9/1/2015	8/31/2016	$	13,491
Deng, Yang	Biochar-Coated Mulches for Alleviation of Stormwater N for Healthy New Jersey Coastal Waters	National Oceanic and Atmospheric Administration - Subaward from NJ Sea Grant Consortium	5/1/2016	4/30/2017	$	5,000
Deng, Yang/ Sarkar, Dibyendu/ Punamiya, Pravin	Development of a New, Effective and Low-cost Mulch Adsorption Material for Sustainable Management of Polluted Road Stormwater in Highly Urbanized Areas	University Transportation Research Center - Subaward from Manhattan College	6/1/2015	8/31/2016	$	39,200
Deng, Yang/ Zheng, Lei (Student)	Toward a Greener Water Reuse Technology with Ferrate(VI) - Phosphorous Removal and Recovery	US Geological Survey - Subaward from NJ Water Resources Research Institute/Rutgers University	3/1/2016	2/28/2017	$	5,000

	Lal, Pankaj	US-India Consortium for Sustainable Advanced Biofuels System - Year 2	US Department of Energy - Subaward from University of Florida	3/18/2014	12/31/2015	$	122,553
	Lal, Pankaj	CAREER: Geographic Suitability, Socioeconomic Uncertainty, and Environmental Consequences: Exploring Place-based Opportunities for Bioenergy Sustainability - Year 1	National Science Foundation	8/1/2016	7/31/2021	$	69,845
	Li, Xiaona/ Deng, Yang/ Passchier, Sandra/ Sarkar, Dibyendu/ Brachfeld, Stefanie	MRI: Acquisition of an Inductively Coupled Plasma- Mass Spectrometry (ICP MS) for elemental concentration and speciation analysis at Montclair State University	National Science Foundation	9/1/2015	8/31/2017	$	168,245
	Lorenzo Trueba, Jorge	Coastal Processes and Human Response to Shoreline Change	National Science Foundation - Subaward from Woods Hole Oceanographic Institution	8/15/2015	7/31/2019	$	365,594
	Lorenzo Trueba, Jorge	Managing for biodiversity and blue carbon in the face of sea-level rise and barrier-island migration - Year 1	National Oceanic and Atmospheric Administration - Subaward from NJ Sea Grant Consortium	2/1/2016	1/31/2017	$	70,000
	Sarkar, Dibyendu/ Deng, Yang	A Green Technology for Nutrient and Metals Reduction in New Jersey Coastal Waters - Year 2	National Oceanic and Atmospheric Administration - Subaward from NJ Sea Grant Consortium	9/1/2015	8/31/2016	$	69,998
	Yu, Danlin	GIS and mapping service for the Morris County Park Commission project "Connect to Walk" - Year 1	Morris Park Alliance	4/1/2016	12/31/2016	$	7,200
Health Careers							
	Lorenzo, Donna	Upward Bound - Year 4	US Department of Education	9/1/2015	8/31/2016	$	250,000
Mathematical Sciences							
	Cutler, Jonathan	Enumerative extremal problems - Year 2	National Security Agency	3/27/2016	3/27/2017	$	19,725
	Ivanescu, Andrada	Child growth curve modeling	Johns Hopkins University	8/1/2015	8/31/2015	$	10,957
	Panorkou, Nicole	The DYME project: Developing Students' Thinking of Dynamic Measurement	Spencer Foundation	1/1/2016	7/31/2017	$	49,443
	Thomas, Diana	Short Course on the Mathematical Sciences in Obesity Research - Year 3	National Institutes of Health - Subaward from University of Alabama	7/1/2015	6/30/2016	$	10,859
Passaic River Institute							
	Wu, Meiyin/ Sherwood, Natalie (Student)	Establishing a Crossing Assessment Program in New Jersey	Department of Interior - US Fish and Wildlife Service - Subaward from Wildlife Management Institute	6/25/2015	6/24/2016	$	20,000
	Wu, Meiyin/ Sherwood, Natalie (Student)	Assessment of the First Herpetofauna Tunnels in New Jersey	NJ Department of Environmental Protection	3/13/2015	3/12/2016	$	3,500
	Wu, Meiyin/ Weinstein, Michael	Developing a Wetland Baseline at the Watershed Scale - Year 1	US Environmental Protection Agency - Subaward from NJ Department of Environmental Protection	6/29/2016	9/28/2017	$	63,479
		Total Awards for CSAM: 28			**Total for CSAM :**	**$**	**1,836,473**

LIBRARY SERVICES

Shapiro, Steven/ Passchier, Sandra (CSAM)	Rising Tide: What We can Learn From the Dutch and their Relationship with Water	NJ Council for the Humanities	8/1/2015	11/19/2015	$	20,000

Total Awards for LIBRARY SERVICES: 1 **Total for Library Services: $ 20,000**

Total: 60 **Grand Total: $ 11,509,597**