

MONTCLAIR STATE UNIVERSITY

Office of Sponsored Programs



Annual Report FY 2023

 **13.48%**

Average Annual Award Growth from
FY 2014 to FY 2023

**Carnegie
Foundation
Community
Engaged
Campus**

**20
15**

Among 240
Institutions to
receive the
Community
Engaged
Campus
Designation



**Carnegie
Research 3
Institution**

**20
16**

The
University's
first
designation as
a Carnegie
Research
Institution of
Higher
Education



**State
Designated
Public
Research
University**

**20
17**

One of 4 public
Research
Institutions in
the State of
New Jersey



**Carnegie
Research 2
Institution**

**20
19**

R2 – Doctoral
University –
High Research
Activity



**Research
Expenditures**

**20
23**

Montclair
achieved a
record high of
\$32.2M in
Research
Expenditures

Fiscal Year 2023 "At-a-Glance" (with comparative FY 22 Data)

Proposals

	FY 22	FY 23	% Change
Number of Proposal Submissions	182	179	-1.65%
Proposed Direct Costs (\$)	47,723,961	62,440,593	30.84%
Proposed Indirect Costs (\$)	9,865,705	13,672,666	38.59%
Total	\$57,589,666	\$76,113,259	32.16%

Awards

	FY 22	FY 23	% Change
Number of Award Actions	100	92	-8.00%
Awarded Direct Costs (\$)	18,743,695	19,289,897	2.91%
Awarded Indirect Costs (\$)	2,623,070	2,290,814	-12.67%
Total	\$21,366,765	\$21,580,711	1.00%

Expense Activity*

	FY 22	FY 23	% Change
Direct Expenses (\$)	18,809,840	28,688,533	52.52%
Indirect Expenses (\$)	1,832,109	4,066,437	121.95%
Total	\$20,641,949	\$32,754,970	58.68%

*Source: Office of Grant Accounting/Division of Finance and Treasury

Proposals and Awards by College/Division (FY 22 and FY 23)

Montclair State University: Proposals by College/Division: FY 2022 & FY 2023						
College / Division	FY 22			FY 23		
	Number of Proposals Submitted	Proposed Dollar Amount (\$)	% of Total Dollars Proposed	Number of Proposals Submitted	Proposed Dollar Amount (\$)	% of Total Dollars Proposed
CART	4	224,575	0.39%	2	200,000	0.26%
CEHS	50	19,748,154	34.29%	37	20,969,979	27.55%
CHSS	33	6,634,547	11.52%	44	15,482,574	20.34%
CSAM	79	25,862,870	44.91%	80	33,639,656	44.20%
SBUS	2	74,968	0.13%	2	65,487	0.09%
NURS	1	350,000	0.61%	1	1,497,547	1.97%
*OTHER	13	4,694,552	8.15%	13	4,258,016	5.59%
Total	182	<u>\$57,589,666</u>	100.00%	179	<u>\$76,113,259</u>	100.00%
Montclair State University: Awards by College/Division: FY 2022 & FY 2023						
College / Division	FY 22			FY 23		
	Number of Awards Received	Awarded Dollar Amount (\$)	% of Total Dollars Awarded	Number of Awards Received	Awarded Dollar Amount (\$)	% of Total Dollars Awarded
CART	2	84,464	0.40%	2	89,500	0.41%
CEHS	26	5,320,563	24.90%	24	2,809,410	13.02%
CHSS	17	2,429,642	11.37%	30	11,278,559	52.26%
CSAM	40	7,745,081	36.25%	28	5,089,529	23.58%
SBUS	-	-	-	1	19,945	0.09%
*OTHER	15	5,787,015	27.08%	7	2,293,768	10.63%
Total	100	<u>\$21,366,765</u>	100.00%	92	<u>\$21,580,711</u>	100.00%

*Other proposals and awards in FY 23 include Academic Affairs, President's Office, Student Development and Campus Life (Dean of Students)

Research Highlights from FY 2023

Dr. Katherine Herbert and Dr. Sumi Hagiwara are leading the “Computer Science for Everyone Everywhere” program, an exciting new joint initiative between the new School of Computing in the College of Science and Mathematics and the new College of Education and Engaged Learning. Drs. Herbert and Hagiwara received three awards totaling over \$2 million from the New Jersey Department of Education and the National Science Foundation. In its first 8 months, the program has worked with over 400 teachers who impact over 20,000 northern New Jersey students from 41 school districts. The program is building the educational infrastructure needed to transform New Jersey’s general education teachers into confident, skilled computer science educators.

Dr. Erin Kang, Assistant Professor of Psychology received the Slifka-Ritvo Innovation in Autism Research Award from International Society for Autism Research & Alan B. Slifka Foundation, which is awarded annually to one early-career investigator, “honoring the most meritorious and innovative research ideas of junior investigators.” She additionally received a Brain & Behavior Research Foundation Young Investigator Grant. These grants totaling \$95,000 support research in the pattern of neural plasticity, or the brain's ability to change in response to experience, of the social processes in autistic youth, and research into the brain mechanisms of inflexible thinking and anxiety presentation in autistic youth. These insights will guide the development of effective, targeted anxiety-related treatment in autistic youth to improve well-being and mental health.

Dr. Kent Leung, Assistant Professor of Physics and Astronomy, received the National Science Foundation Early Career award, the **7th Montclair faculty member to receive this honor**. The Career award is the National Science Foundation's most prestigious award in support of early-career faculty who have the potential to serve as leaders and academic role models in research and education. This 5-year grant of \$616,289 will support Dr. Leung’s research in nuclear physics, advancing understanding of how matter emerged after the Big Bang, and will fund pathways for students to pursue careers in physics.

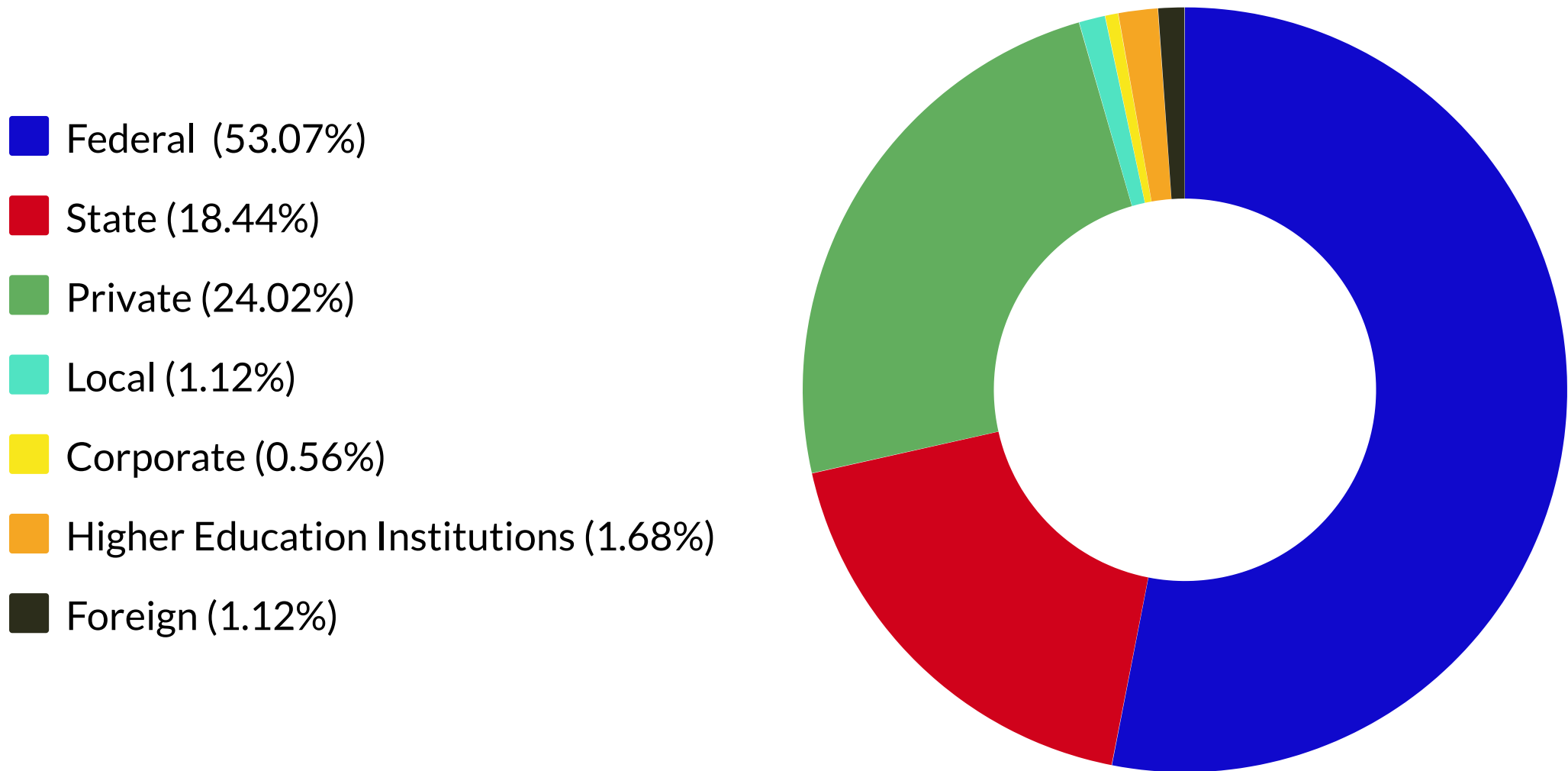
Dr. David Rotella, Professor of Chemistry and Biochemistry and Director of the Sokol Institute for Pharmaceutical and Life Sciences, received \$979,186 from the Department of Defense Congressionally Directed Medical Research Programs (DOD-CDMRP). This four year research grant will discover new compounds to inhibit an essential enzyme in the parasite that causes malaria. These compounds will be explored for both prevention and treatment of malaria in animal models.

Dr. Wendy Zeitlin, Associate Professor of Social Work and Child Advocacy received \$87,549 from the National Institutes of Health to examine the effectiveness of the IMPACT program in Valhalla, New York, which provides intensive in-home child welfare services to parents with intellectual disabilities and whose children are at-risk for foster care placement.

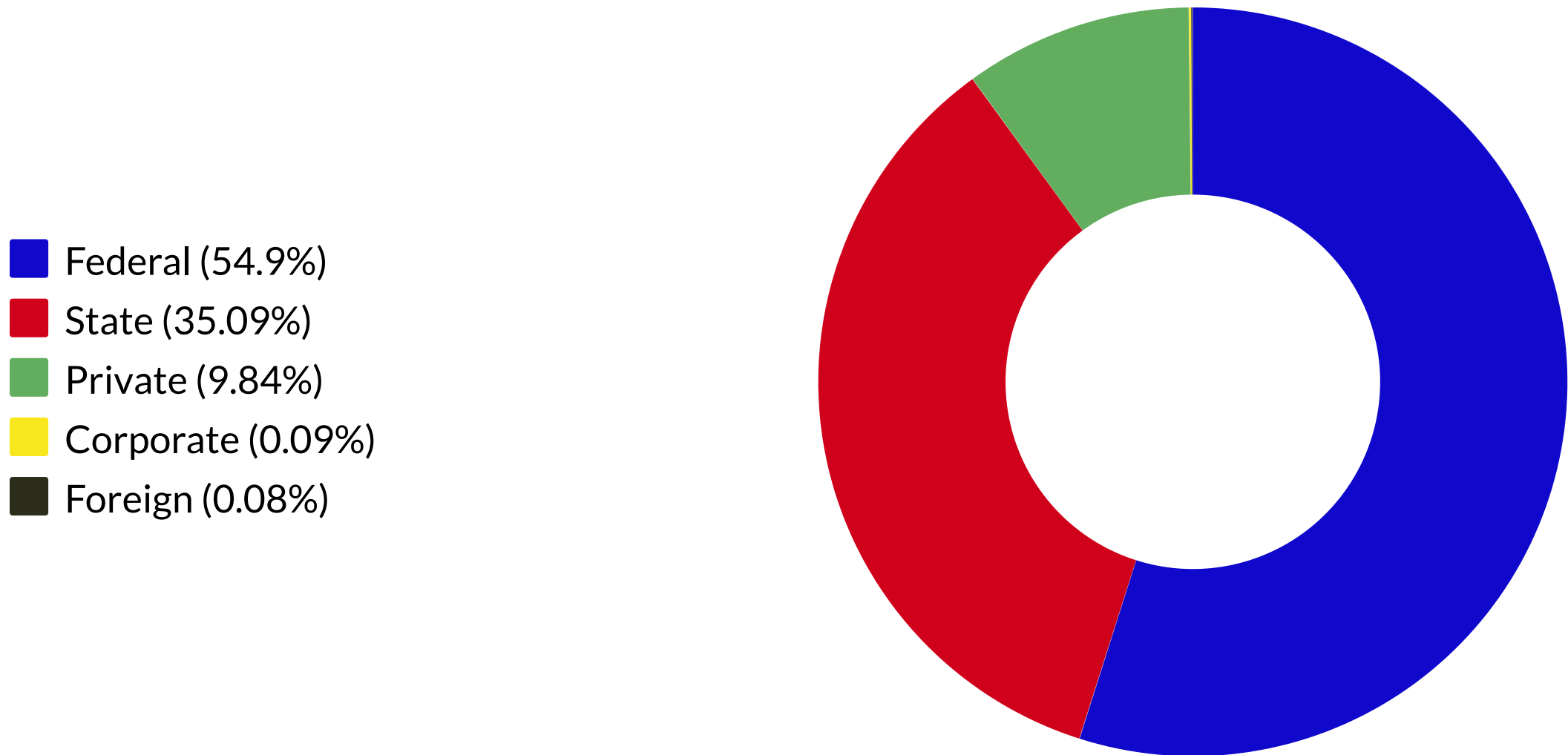
Dr. Junzhou Zhang, Assistant Professor of Marketing, is part of a collaborative grant from the US Department of Agriculture that examines the Special Nutrition Assistance Program for Women, Infants, and Children, a highly vulnerable low-income population. This research examines the buying behavior and health-related well-being of program participants in order to provide practical insights for welfare policy makers.

Distribution of Proposals and Awards by Sponsor Type: (FY 22 & FY 23)

179 Proposals, \$76.1M: FY 23



92 Awards, \$21.6M: FY 23



Top 5 Sponsors (\$) Proposals: FY 23

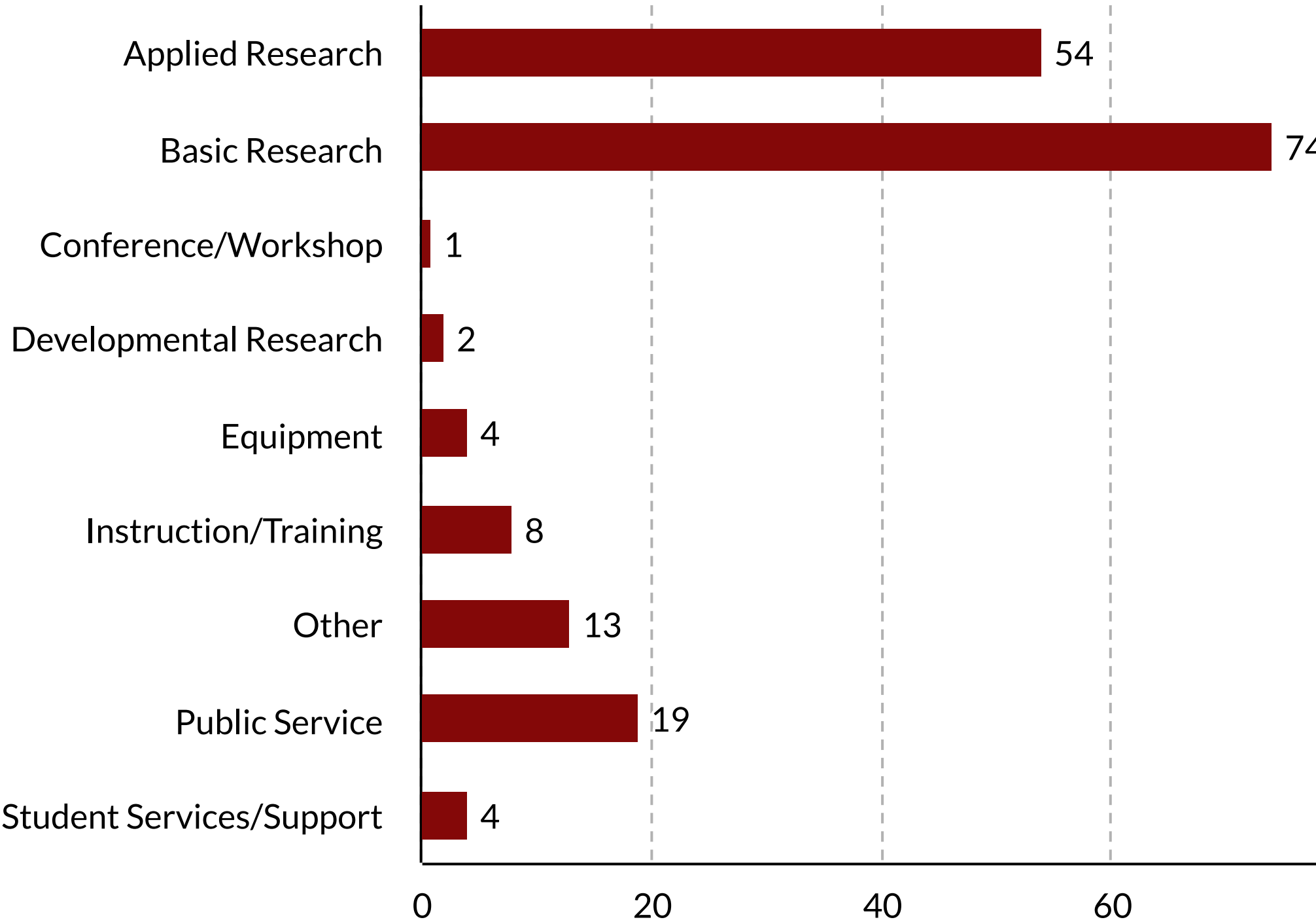
Sponsor	Number	Proposed Amount
National Science Foundation (NSF)	35	\$27,478,687
U.S. Department of Agriculture (USDA)	3	\$6,488,936
National Institutes of Health (NIH)	12	\$5,330,203
NJ Department of Human Services	6	\$5,206,641
NJ Department of Education	4	\$2,100,235

Top 5 Sponsors (\$) Awards: FY 23

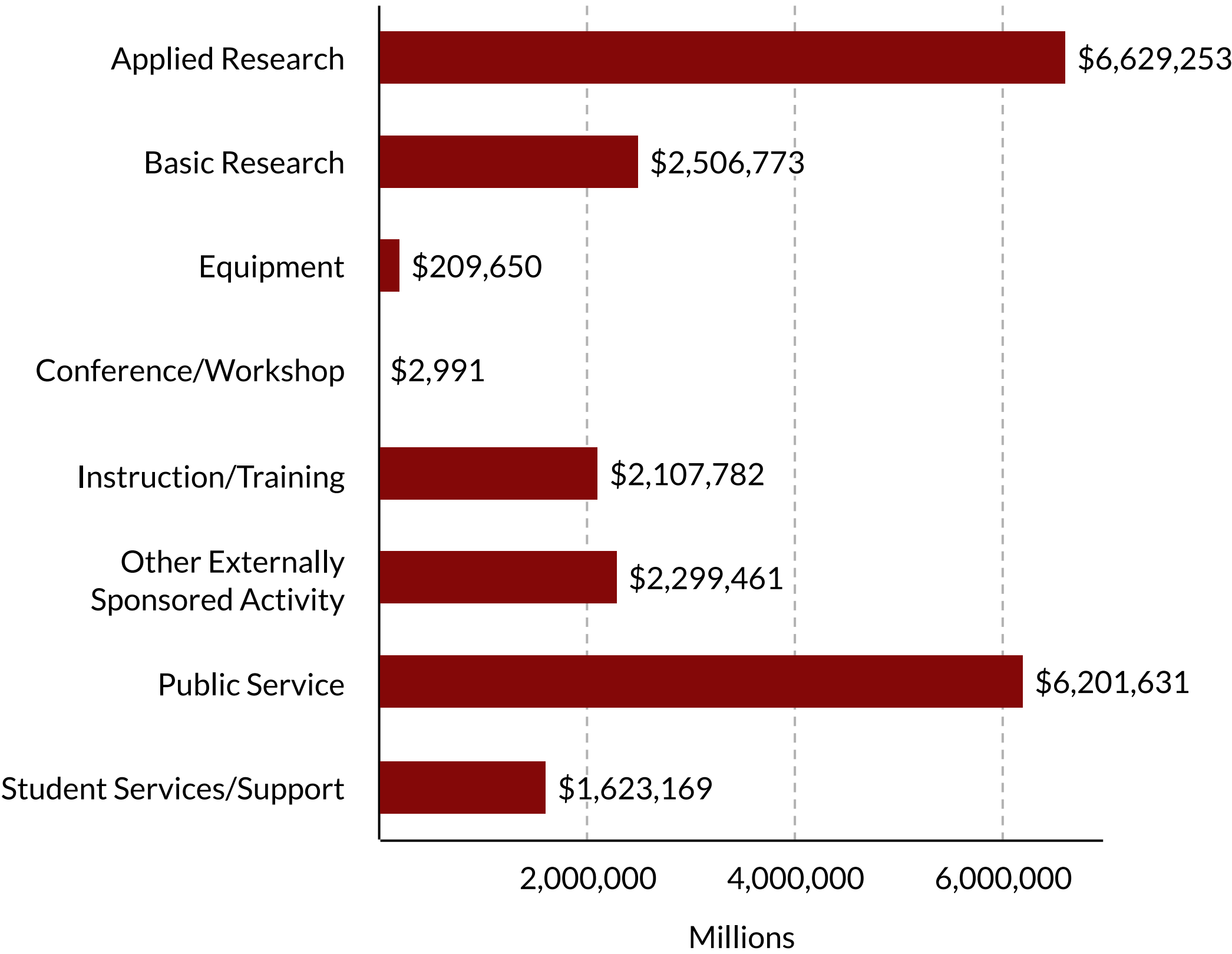
Sponsor	Number	Proposed Amount
NJ Department of Human Services	7	\$5,948,703
Arizona State University *	1	\$2,053,722
US Department of Education	3	\$1,620,942
NJ Department of Education	3	\$1,500,263
National Science Foundation (NSF)	6	\$1,435,340

*Prime SponsorJohn Templeton Foundation

Proposals by Activity Type (Number): FY 23

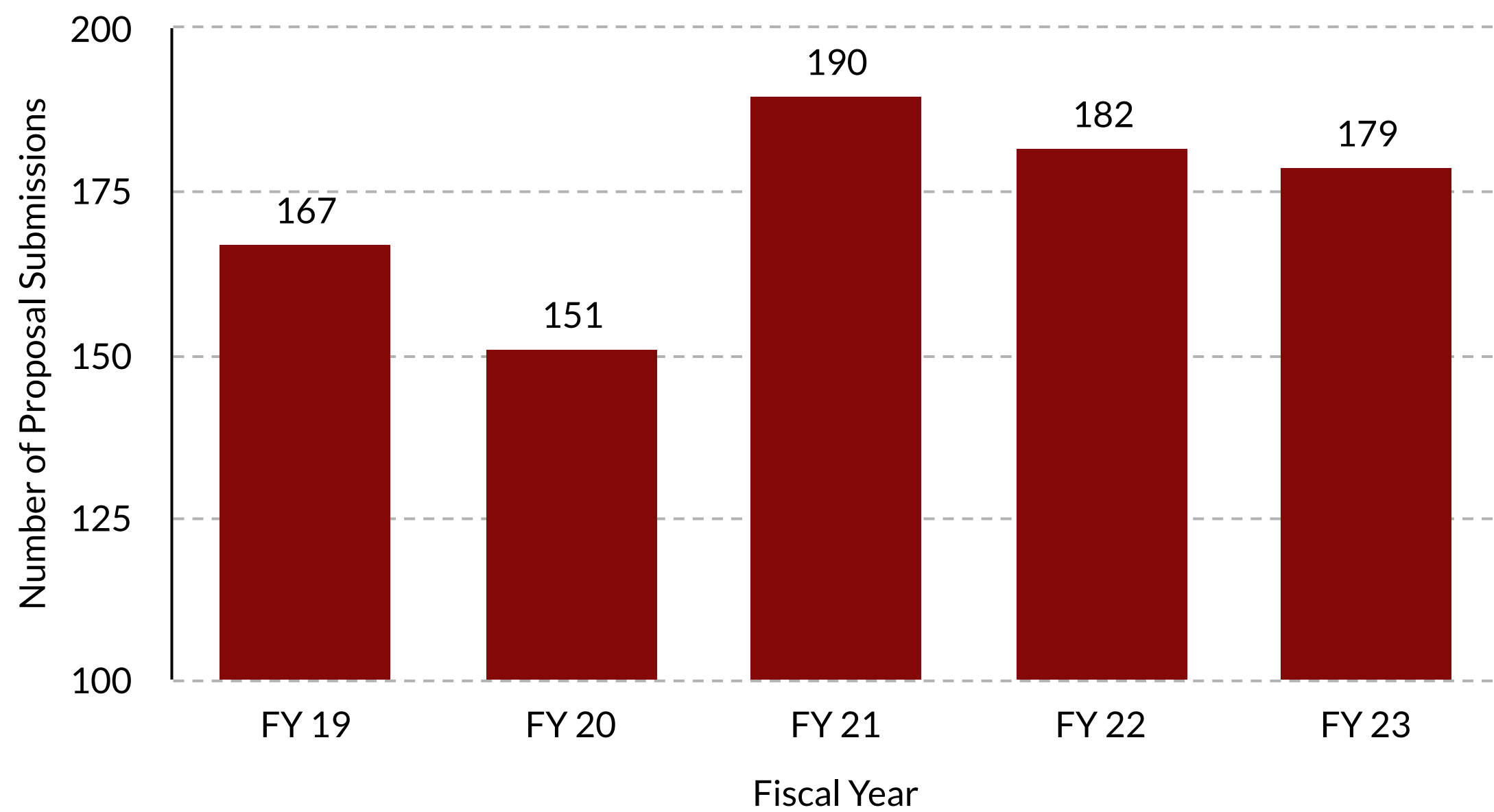


Awards by Activity Type (Total Dollars): FY 23



Proposals and Awards: FY 19-23

Total Number of Proposals Submitted: FY 19-23



Total Dollar Volume of Awards Received: FY 19-23

