

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan through the first month of Fiscal Year 2020, which ended July 31, 2019.

Figure 1 shows that total research expenditures through the first month of FY 2020 are up 5.4 percent when compared to the previous fiscal year.

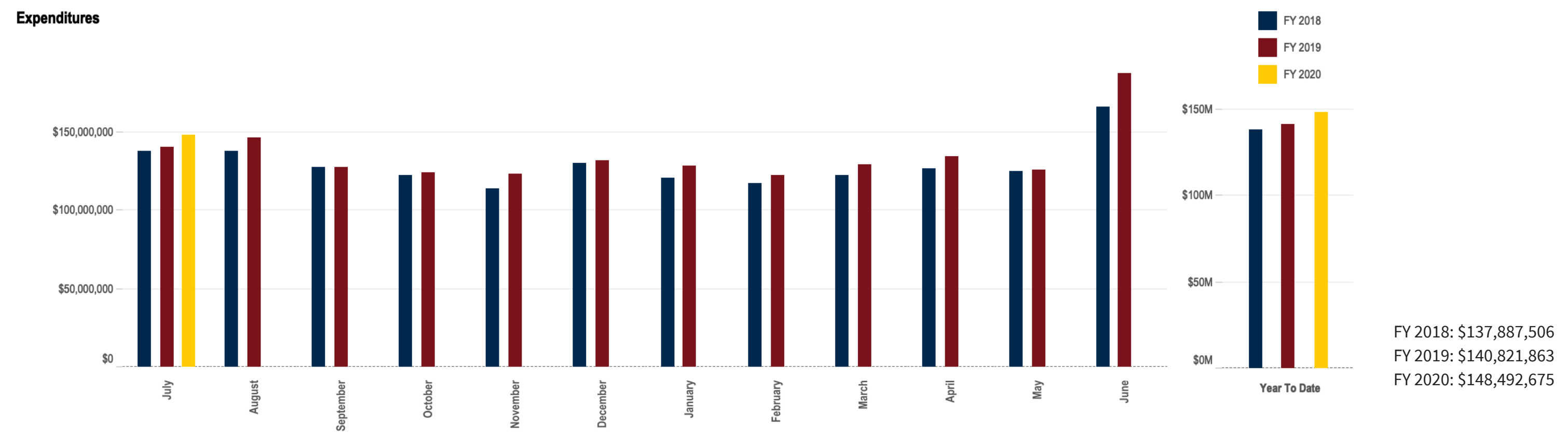
The number of research submissions in July increased 2 percent, as shown in Figure 2, and Figure 3 shows the value of those submissions jumped 74 percent when compared to July 2018, which can be attributed to more substantial requests for research funding.

Figures 4 and 5 show the number of new research awards from external sponsors decreased 2.6 percent, and their value dipped by nearly 40 percent. The university received three large research awards totaling \$54 million in July 2018, which explains the sharp decrease in award value.

Rebecca Cunningham, Interim Vice President for Research

Craig Reynolds, Executive Director, Office of Research and Sponsored Projects

Figure 1



FY 2018: \$137,887,506
 FY 2019: \$140,821,863
 FY 2020: \$148,492,675

Figure 2

Submissions By Count

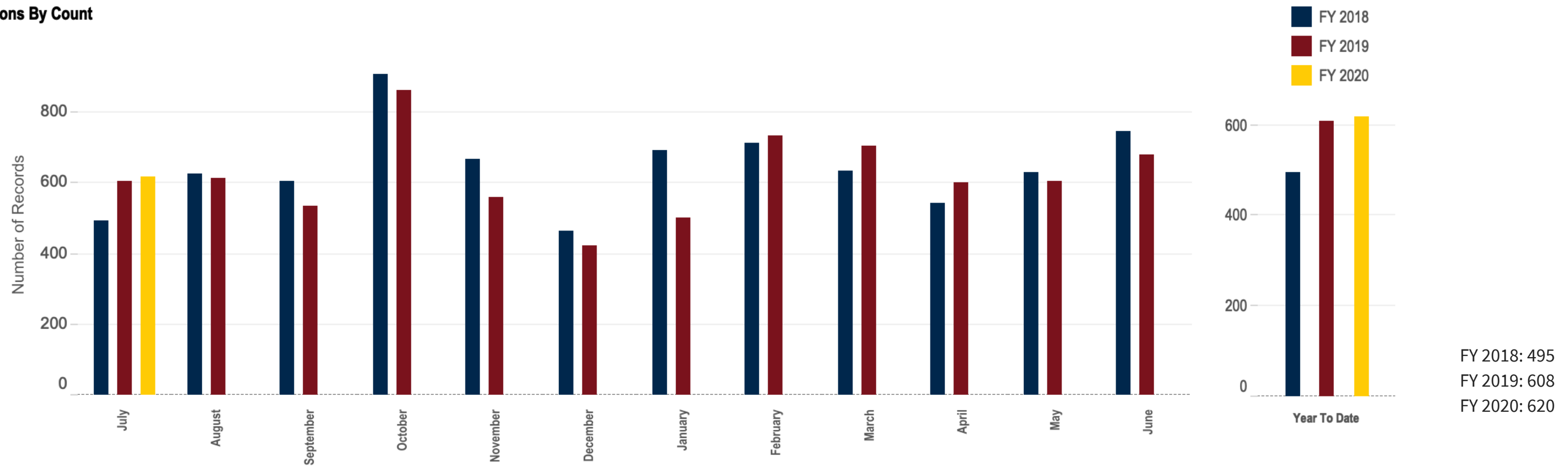


Figure 3

Submissions By Amount

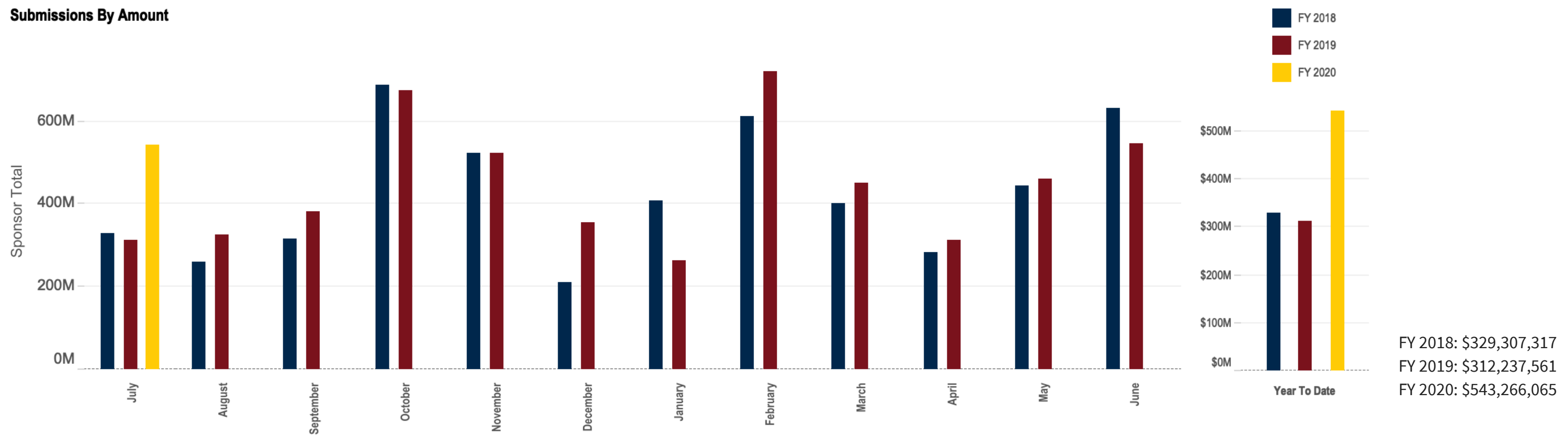
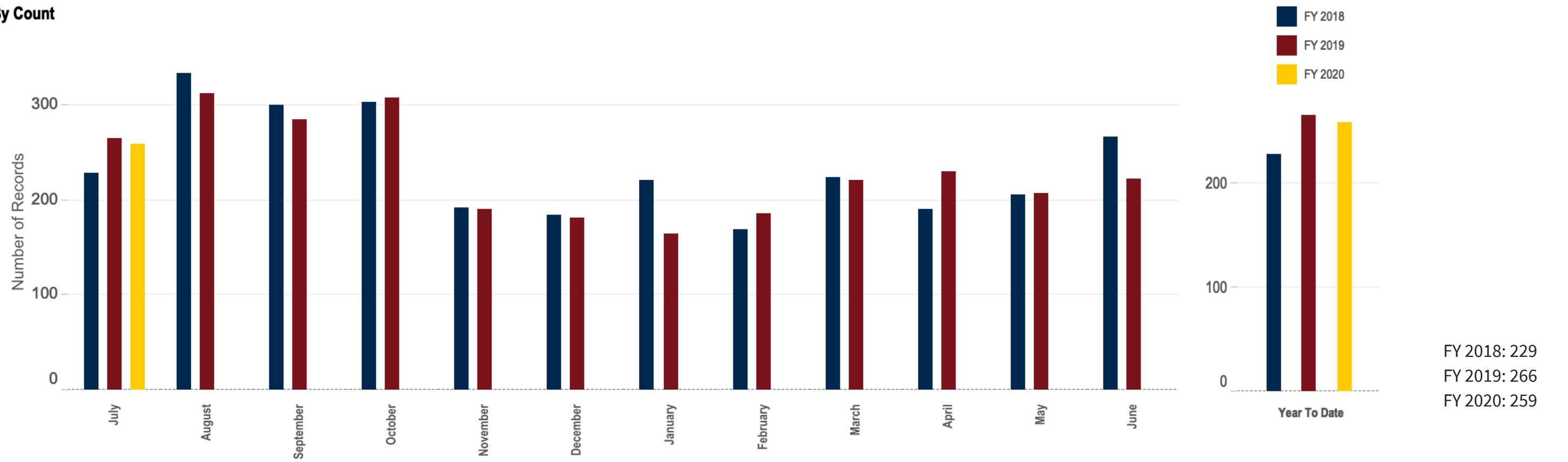


Figure 4

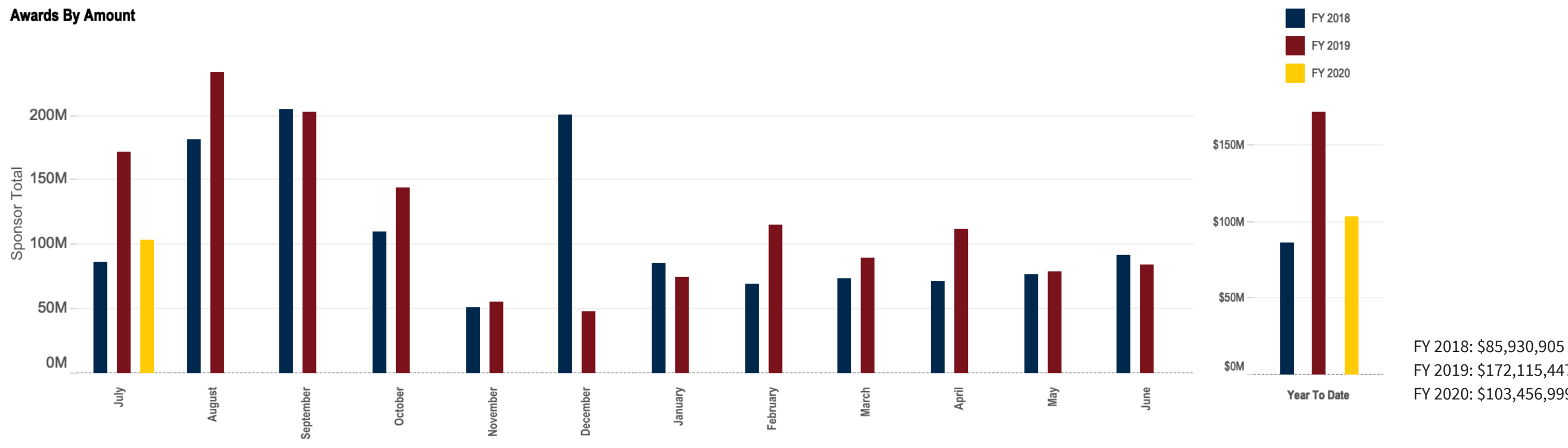
Awards By Count



FY 2018: 229
 FY 2019: 266
 FY 2020: 259

Figure 5

Awards By Amount



FY 2018: \$85,930,905
 FY 2019: \$172,115,447
 FY 2020: \$103,456,999

Figure 6

20 Largest Project Awards: July 2019

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Reynolds, Craig	UMOR Office of VP for Research	Procter and Gamble Master Agreement, 2019-2024	Procter & Gamble Co.	\$3,750,000	5.0
Sherman, David	Life Sciences Institute-Admin	Development of natural product inhibitors of Nef for clearance of HIV reservoirs	Health and Human Services, Department of-National Institutes of Health	\$3,557,778	5.0
Shea, Lonnie	Biomedical Engineering	Nanoparticle-mediated reprogramming of circulating monocytes and neutrophils to decrease inflammation-mediated damage after trauma	Health and Human Services, Department of-National Institutes of Health	\$3,425,117	5.0
Ilgen, Mark	Psych Substance Abuse	Facilitating use of the National Suicide Prevention Lifeline in Alcohol Patients	Health and Human Services, Department of-National Institutes of Health	\$3,321,013	5.0
Morgan, Todd	Urology	Determining the clinical impact of gene expression testing in localized prostate cancer	Health and Human Services, Department of-National Institutes of Health	\$3,018,336	5.0
Ragunathan, Kaushik	Biological Chemistry Dept	URoL: Epigenetics 2: Robustness and Adaptability of the Dynamic Epigenome: A Multiscale Approach	National Science Foundation	\$3,000,000	5.0
Freedman, Vicki	SRC-Demogr of Aging,Disab&Care	National Health and Aging Trends Study	Health and Human Services, Department of-National Institutes of Health-Subcontracts	\$2,947,914	4.8
Moje, Elizabeth	SOE-Educational Studies	Improving STEM undergraduate teacher education and developing the STEM profession through institutional transformation	National Science Foundation	\$2,545,060	5.0
Montgomery, John	LSA Chemistry	Michigan Chemistry-Biology Interface Training Program	Health and Human Services, Department of-National Institutes of Health	\$2,383,065	5.0
Gianchandani, Yogesh	COE EECS - ECE - SSEL	Highly Integrated Multi-Sensing Progressive Cellular Architecture	Defense, Department of-Defense Intelligence Agency	\$2,334,751	2.2
El Naqa, Issam	Radiation Oncology - Physics	Optimal Decision Making in Radiotherapy Using Panomics Analytics	Health and Human Services, Department of-National Institutes of Health	\$2,256,535	5.0
Cai, Dawen	Cell and Developmental Biology	A multimodal platform to bridge the experimental gap between behavioral, neuronal, and molecular studies	Health and Human Services, Department of-National Institutes of Health	\$2,251,144	3.0
Becker, Jill	Molecular & Behav Neurosc Inst	Social support, oxytocin and motivation for methamphetamine	Health and Human Services, Department of-National Institutes of Health	\$2,189,085	4.8
Wang, Shaomeng	Int Med-Hematology/Oncology	Development of menin inhibitors	Agios Pharmaceuticals, Inc.	\$2,062,383	4.1
Schipani, Ernestina	Orthopaedic Surgery	Mitochondria and TFAM in Osteoblast Biology	Health and Human Services, Department of-National Institutes of Health	\$1,886,035	4.9
Kleer, Celina	Pathology Department	Role of CCN6 (WISP3) in the progression and metastasis of breast cancer	Health and Human Services, Department of-National Institutes of Health	\$1,852,500	5.0
Palapattu, Ganesh	Urology	Advanced Training in Urologic Oncology	Health and Human Services, Department of-National Institutes of Health	\$1,805,204	5.0
Mashour, George	Anesthesiology Department	Role of the Prefrontal Cortex in the Control of Arousal States	Health and Human Services, Department of-National Institutes of Health	\$1,520,296	3.8
Wilson, Steven	UMOR Economic Growth Institute	Defense Cybersecurity Assurance Program 2.0	Defense, Department of-Other	\$1,411,419	1.5
Herrel, Lindsey	Urology	Understanding the effects of the Oncology Care Model on cancer care for dual eligible patients	Health and Human Services, Department of-National Institutes of Health	\$1,282,800	5.0