

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

Figure 1 shows that total research expenditures through the second month of FY 2020 are up 5.8 percent when compared to the previous fiscal year.

The number of research submissions through August increased 2.9 percent, as shown in Figure 2, and Figure 3 shows the value of those submissions jumped 90.4 percent when compared to August 2018, which can be attributed to more substantial requests for research funding.

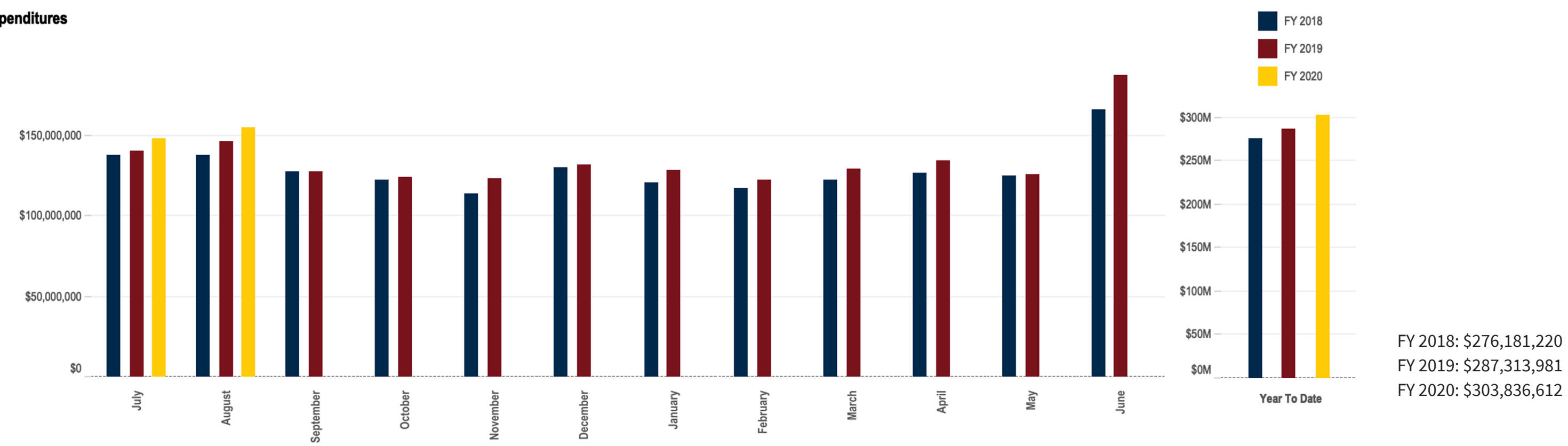
Figures 4 and 5 show the number of new research awards from external sponsors decreased 6.9 percent, and their value dipped by 41.7 percent. The university received several large research awards in July and August 2018, which explains the sharp decrease in award value.

Rebecca Cunningham, Interim Vice President for Research

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

Figure 1

Expenditures



FY 2018: \$276,181,220
 FY 2019: \$287,313,981
 FY 2020: \$303,836,612

Figure 2

Submissions By Count

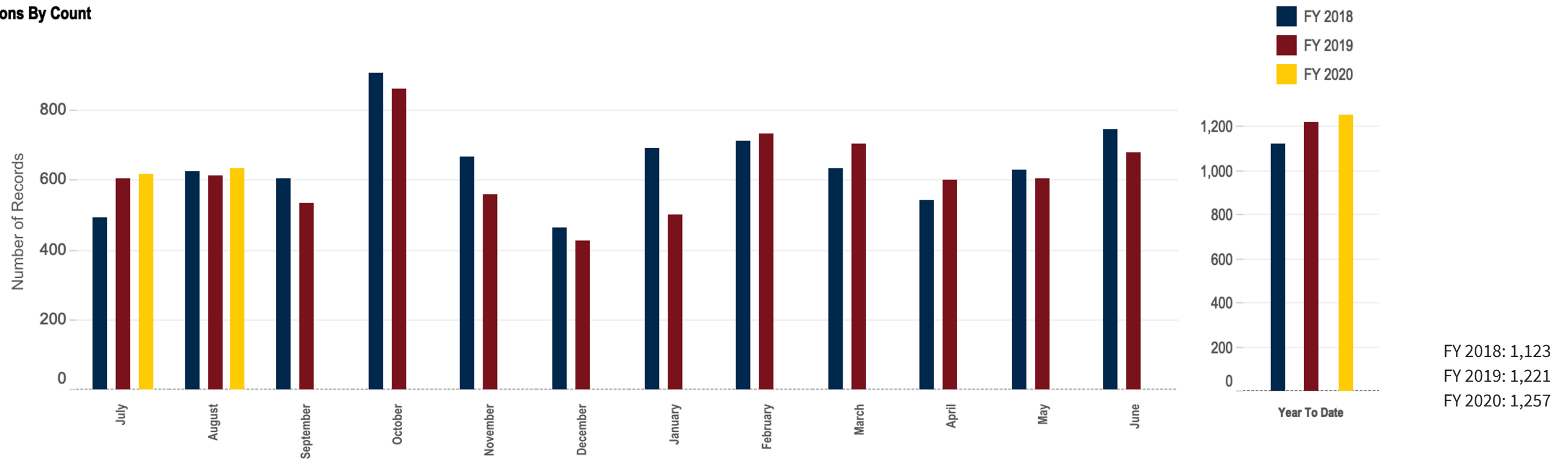


Figure 3

Submissions By Amount

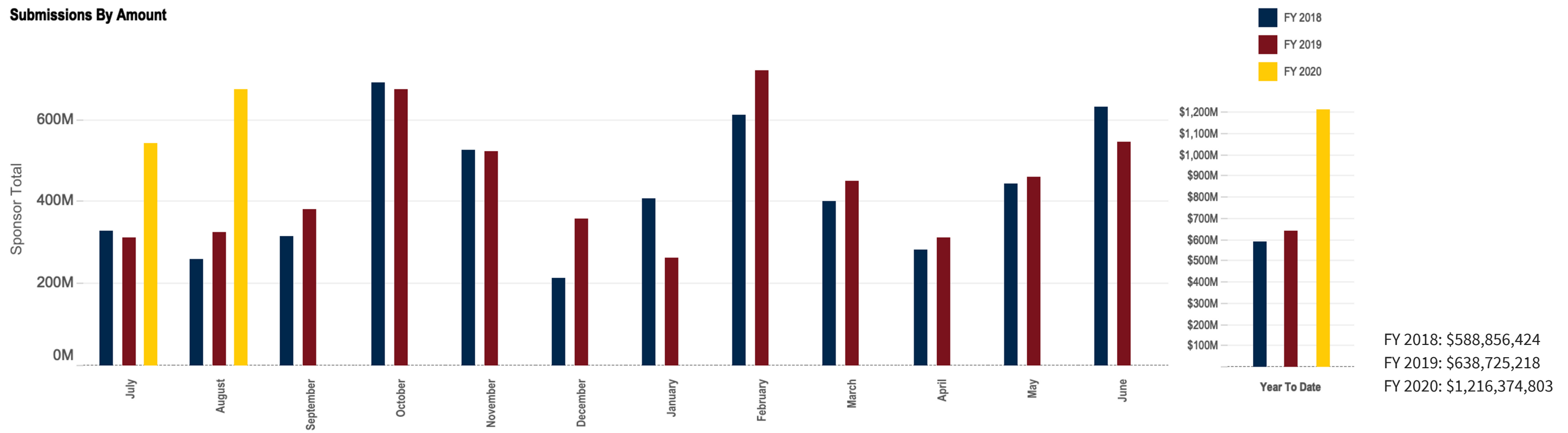


Figure 4

Awards By Count

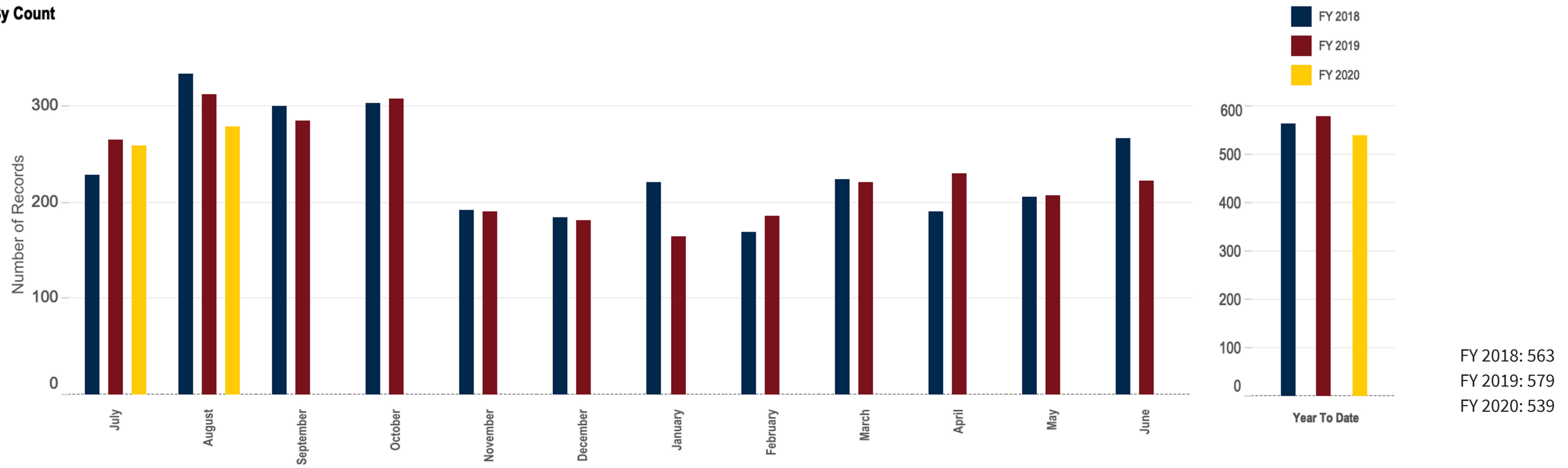


Figure 5

Awards By Amount

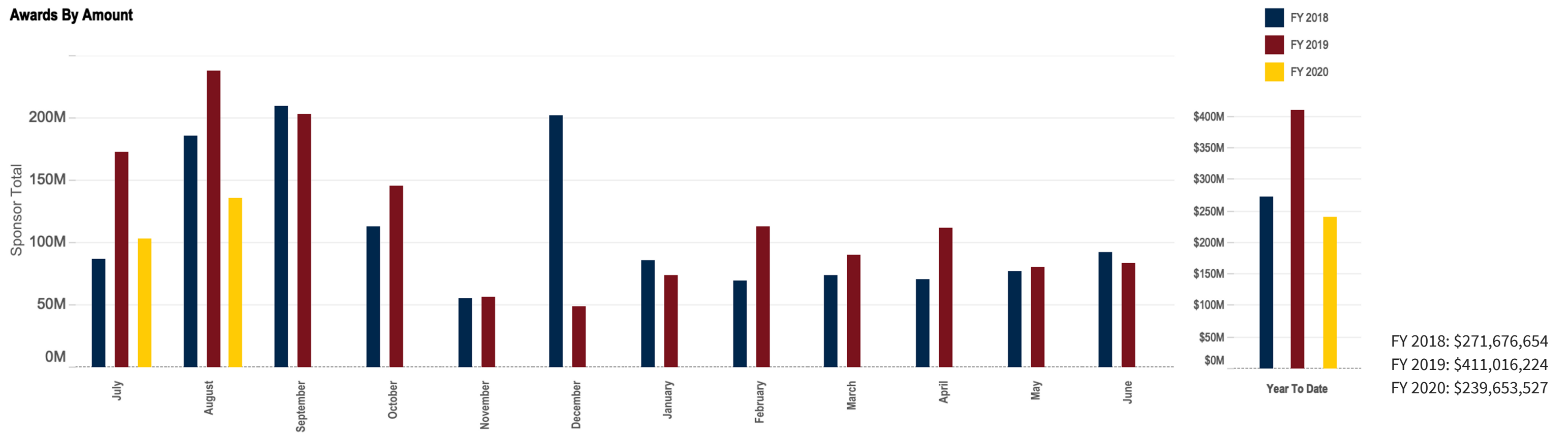


Figure 6

20 Largest Project Awards: August 2019

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Engel, James	Cell and Developmental Biology	Targeting Enzymatic Regulation of Fetal Hemoglobin Repression	Health and Human Services, Department of-National Institutes of Health	\$10,906,515	4.8
Monk, Christopher	SRC-Pop., Neurodev., & Genet	Computational examination of RDoC threat and reward constructs in a representative, predominantly low-income, longitudinal sample at increased risk for internalizing disor..	Health and Human Services, Department of-National Institutes of Health	\$6,723,780	4.9
Kretzler, Matthias	Int Med-Nephrology	CureGN	Health and Human Services, Department of-National Institutes of Health	\$6,323,390	4.8
Phillips, Tycel	Int Med-Hematology/ Oncology	GO40515: A PHASE Ib/II, OPEN-LABEL, MULTICENTER, RANDOMIZED, CONTROLLED STUDY INVESTIGATING THE SAFETY, TOLERABILITY, PHARMACOKINETICS, ..	Genentech, Inc.	\$4,597,118	6.0
Taylor, Stephan	Psychiatry-ASAP	Multi-modal assessment of GABA function in psychosis	Health and Human Services, Department of-National Institutes of Health	\$3,252,780	4.8
Ross, Brian	Department of Radiology	University of Michigan Quantitative Co-Clinical Imaging Research Resource	Health and Human Services, Department of-National Institutes of Health	\$3,142,055	5.0
Chen, Yuqing	Int Med-Cardiology	Using genetics to discover mechanisms of myocardial infarction	Health and Human Services, Department of-National Institutes of Health	\$2,985,725	3.9
Espinoza-Fonseca, Lennane Michel	Int Med-Cardiology	Hit-to-lead optimization for heart failure drug discovery	Health and Human Services, Department of-National Institutes of Health	\$2,897,264	4.0
Friedman, Charles	DLHS Division of LKS	The Knowledge-to-Treatment Optimization Program (KTOP)	Michigan, State of, Health and Human Services, Department of	\$2,568,796	1.0
Spence, Jason	Int Med-Gastroenterology	Spatiotemporal multi-organ developmental maps from the same individual	Chan Zuckerberg Foundation	\$2,499,999	3.0
Ljungman, Mats	Radiation Oncology - Can Bio	Targeting the RNA Exosome for Cancer Therapeutics	Health and Human Services, Department of-National Institutes of Health	\$2,447,025	5.0
Lawrence, Daniel	Int Med-Cardiology	Unraveling the role of tPA in the neurovascular unit	Health and Human Services, Department of-National Institutes of Health	\$2,418,376	3.8
Andjelkovic-Zochowska, Anuska	Pathology Department	Connexin 43 and hemorrhagic complication in cerebral amyloid angiopathy	Health and Human Services, Department of-National Institutes of Health	\$2,251,499	4.8
Besirli, Cagri	Ophthalmology & Visual Science	Metabolic Reprogramming for Photoreceptor Neuroprotection	Health and Human Services, Department of-National Institutes of Health	\$1,950,000	4.8
Giessen, Tobias	Biomedical Engineering - MS	Protein Organelles In Human-Associated Bacteria	Health and Human Services, Department of-National Institutes of Health	\$1,908,130	4.9
Fallahi Sichani, Mohammad	Biomedical Engineering - MS	Decoding the Logic of Cellular Signaling Through the Integration of Dynamic, Single-Cell and Multiplexed Methods	Health and Human Services, Department of-National Institutes of Health	\$1,791,580	4.9
Zivin, Kara	Psych HlthSvc Outcome Research	Relationship between mental health coverage and outcomes for privately insured women with perinatal mood and anxiety disorders (PMAD)	Health and Human Services, Department of-National Institutes of Health	\$1,722,316	3.8
MacDougald, Ormond	Metabolism, Endo & Diabetes	Multidisciplinary Training Program in Basic Diabetes Research	Health and Human Services, Department of-National Institutes of Health	\$1,714,386	5.0
Zellers, Edward	Environmental Health Sciences	Advanced Micro Collector-Injector	SRI International	\$1,699,997	1.7
Mueller-Smith, Michael	Pop Studies-Research	RIDIR: Developing and Deploying the Criminal Justice Administrative Records System	National Science Foundation	\$1,659,718	4.0