

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

Figure 1 shows that total research expenditures through the first seven months of FY 2020 are up 5.4 percent when compared to the previous fiscal year. The number of research submissions through January has increased 10.4 percent, as shown in Figure 2, and Figure 3 shows the value of those submissions are up 37.9 percent when compared to FY2019, which can be attributed to more substantial requests for research funding.

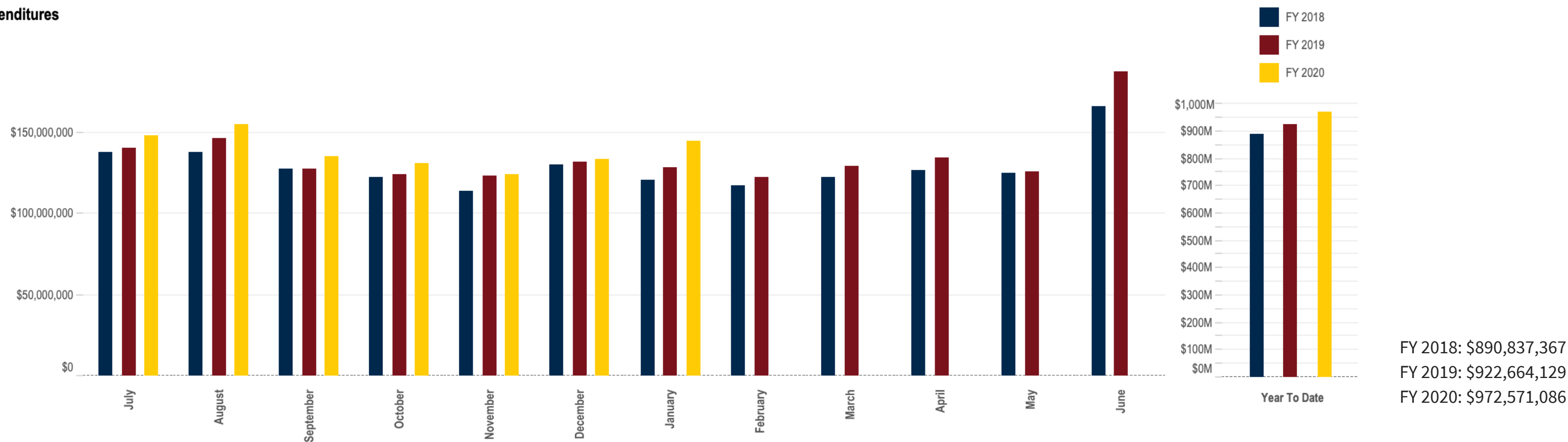
Figures 4 and 5\* show the number of new research awards from external sponsors are down 1.6 percent, and their value has dipped by 13.6 percent. The university received several large research awards in early FY 2019, which explains the decrease in award value.

Rebecca Cunningham, Interim Vice President for Research

Craig Reynolds, Assistant Vice President for Research-Sponsored Projects

Figure 1

Expenditures



\* Due to an August 2018 change in how awards are managed in the university's eResearch system, new award counts and amounts are now reported on a per project basis rather than per transaction basis. The differences in award counts and amounts before and after FY2019 can be partly attributed to this change to project-based reporting.

Figure 2

Submissions By Count

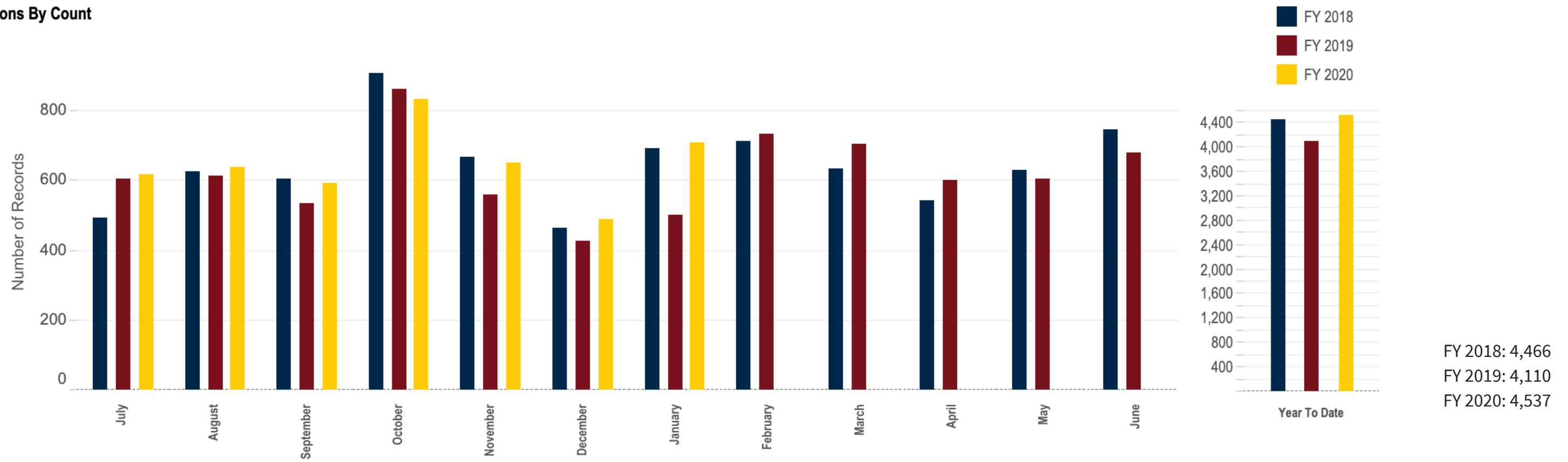


Figure 3

Submissions By Amount

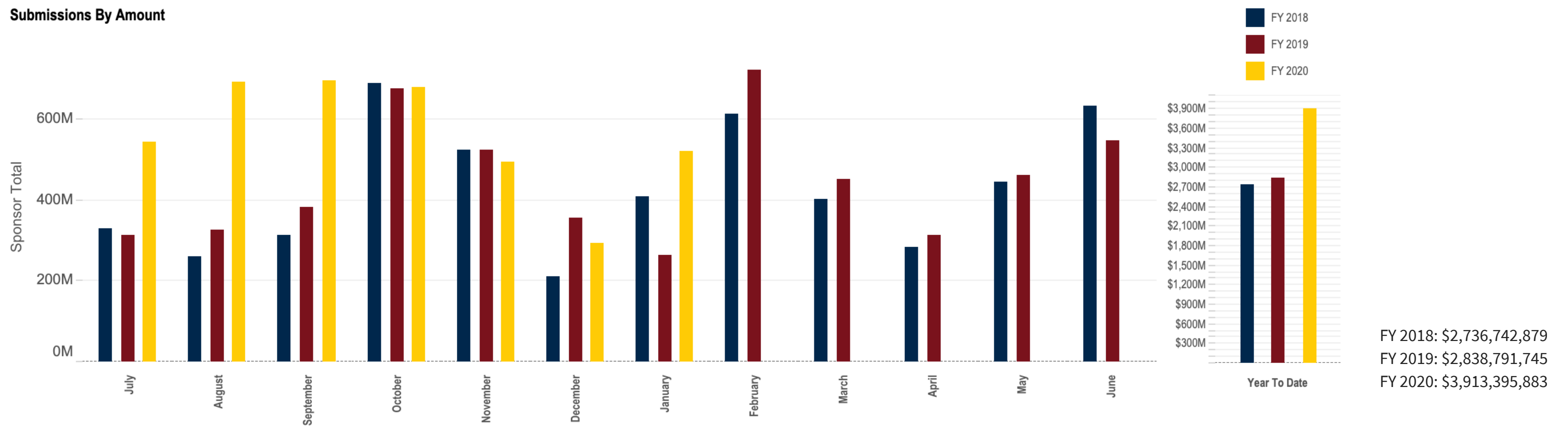


Figure 4

Awards By Count

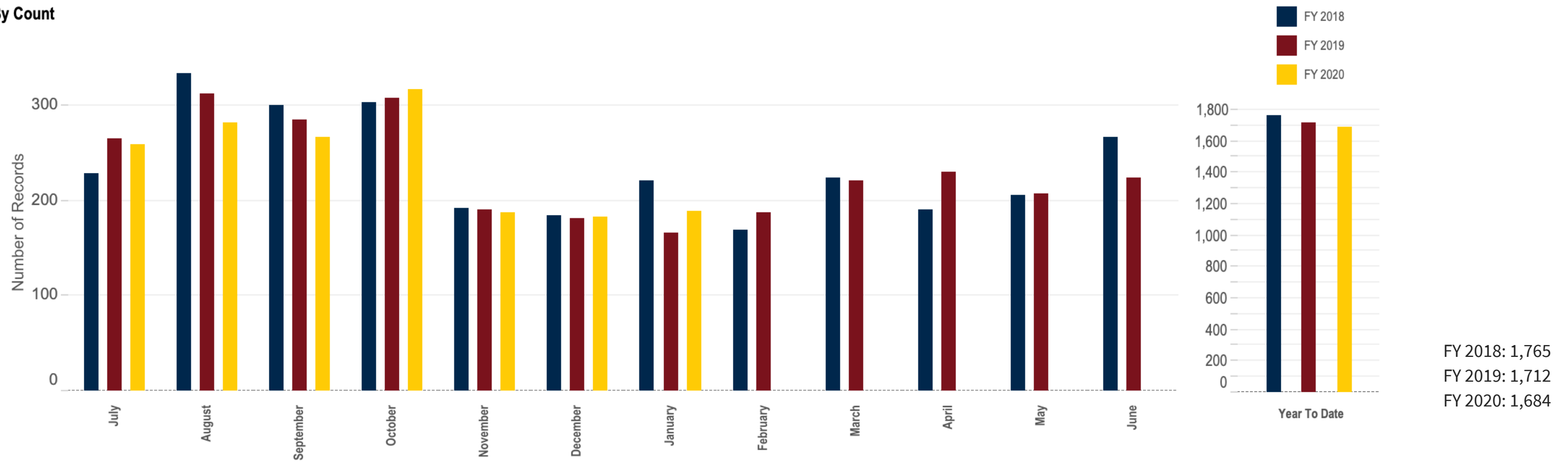
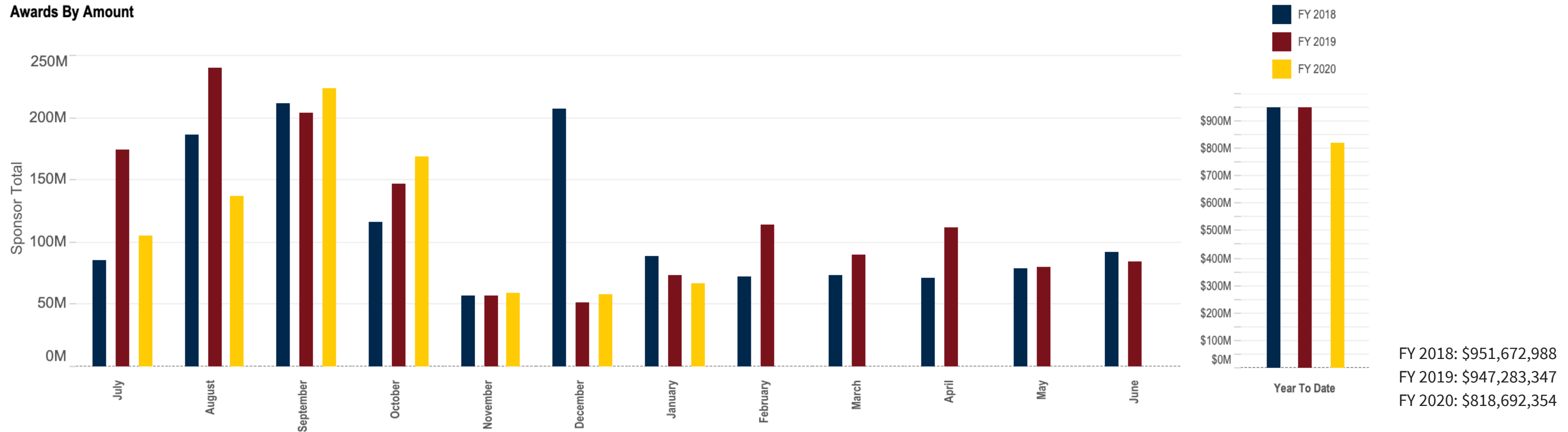


Figure 5

Awards By Amount



\* Due to an August 2018 change in how awards are managed in the university's eResearch system, new award counts and amounts are now reported on a per project basis rather than per transaction basis. The differences in award counts and amounts before and after FY19 can be partly attributed to this change to project-based reporting.

Figure 6

## 20 Largest Project Awards: January 2020

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Jolly, Shruti	Radiation Oncology - Ann Arbor	A Phase III, Randomised, Double-blind, Placebo-controlled, Multi-centre, International Study of Durvalumab following stereotactic body radiation therapy (SBRT) for the treatme..	AstraZeneca AB (subsidiary of AstraZeneca PLC)	\$6,235,665	11.0
Bauer, Katherine	Nutritional Sciences	Maternal Self-Regulation and Early Childhood Obesity	Health and Human Services, Department of-National Institutes of Health	\$3,819,097	5.0
Likosky, Donald	Cardiac Surgery	Novel Assessments of Technical and Non-Technical Cardiac Surgery Quality	Health and Human Services, Department of-National Institutes of Health	\$3,443,788	5.0
Feldman, Eva	Neurology Department	Mapping the ALS Exposome to Gain New Insights into Disease Risk and Pathogenesis	Health and Human Services, Department of-National Institutes of Health	\$3,265,535	4.8
Wang, Shaomeng	Int Med-Hematology/ Oncology	Small-molecule STAT3 degraders	Health and Human Services, Department of-National Institutes of Health	\$3,007,641	5.0
Dahmer, Mary	Pediatrics-Intensive Care	ENdotypes in Children with Severe Acute Respiratory Distress SyNdrome: ImpAct on REsponse to Treatment (ENSNARE)	Health and Human Services, Department of-National Institutes of Health	\$2,935,246	3.9
Burgard, Sarah	SRC-Social Envir & Health	ACL-LIFE Life History Interview and Validation	Health and Human Services, Department of-National Institutes of Health	\$2,723,534	4.9
Todd, Peter	Neurology Department	CGG repeat associated translation in Fragile X-associated Tremor/Ataxia Syndrome	Health and Human Services, Department of-National Institutes of Health	\$2,356,842	5.0
Gregg IV, Robert	COE EECS - ECE - Rad	Controlling Locomotion over Continuously Varying Activities for Agile Powered Prosthetic Legs	Health and Human Services, Department of-National Institutes of Health	\$1,786,703	4.7
Bohnert, Amy	Psych HlthSvc Outcome Research	Michigan Opioid Collaborative	Blue Cross Blue Shield of Michigan	\$1,499,176	1.0
Lukacs, Nicholas	Pathology Department	Microbiota and Allergic Asthma Precision Prevention (MAAP2)	Henry Ford Health System	\$1,470,364	5.0
Brook, Robert	Int Med-Cardiology	Reducing Particulate Matter-Associated Cardiovascular Health Effects for Seniors	Health and Human Services, Department of-National Institutes of Health-Subcontracts	\$1,225,734	3.8
Mi, Zetian	COE EECS - ECE - SSEL	Room-Temperature Quantum Technology	W. M. Keck Foundation	\$1,000,000	3.0
Heidebrink, Judith	Neurology Department	Anti-Amyloid Treatment in Asymptomatic Alzheimer's Disease (A4) Open-Label Extension Study	Health and Human Services, Department of-National Institutes of Health-Subcontracts	\$851,625	4.8
Levenstein, Margaret	ICPSR - Researchers	Collaborative Research: ECR Data Resource Hub: Partnership for Expanding Education Research in STEM (PEERS)	National Science Foundation	\$798,257	3.0
Zou, Shasha	Climate and Space Sciences Eng	Multi-instrument observational and modeling study of equatorial to mid-latitude ionosphere-thermosphere dynamics during geomagnetic disturbances	National Aeronautics and Space Administration	\$715,474	4.0
Chugh, Rashmi	Int Med-Hematology/ Oncology	A Phase I, Open-Label, Dose-Escalation and Expansion Study to Evaluate the Safety, Tolerability, Pharmacokinetics and Preliminary Anti-Tumor Activity of P..	PRA Health Sciences	\$694,475	4.9
Bernstein, Dennis	Aerospace Engineering	Direct Adaptive Control of Nonlinear Systems with Uncertain Unstable Zero Dynamics	Defense, Department of-Air Force, Department of the	\$691,743	3.0
Tessier, Peter	PHARMACY Pharmaceutical Sci	Strategies for Mitigating Undesirable Protein-Protein Interactions	Pfizer, Inc.	\$672,412	2.2
Webster, Noah	SRC-Life Course Development	Leveraging social networks: a novel physical activity intervention for senior housing	Health and Human Services, Department of-National Institutes of Health	\$632,391	4.9