

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan through May 31, 2018. Figure 1 shows that total research expenditures through the first 11 months of fiscal year 2018 are ahead of the previous year by 4.6 percent. It is important to note that total research expenditures for fiscal year 2017, which closed on June 30, 2017, reached a record high of \$1.48 billion.

The number of research submissions in May was up from May 2017, as shown in Figure 2, and total submissions for the year remain 4.4 percent ahead of our pace from the previous year. Figure 3 shows the value of those submissions is down 13.6 percent year to date compared to the first 11 months of fiscal year 2017.

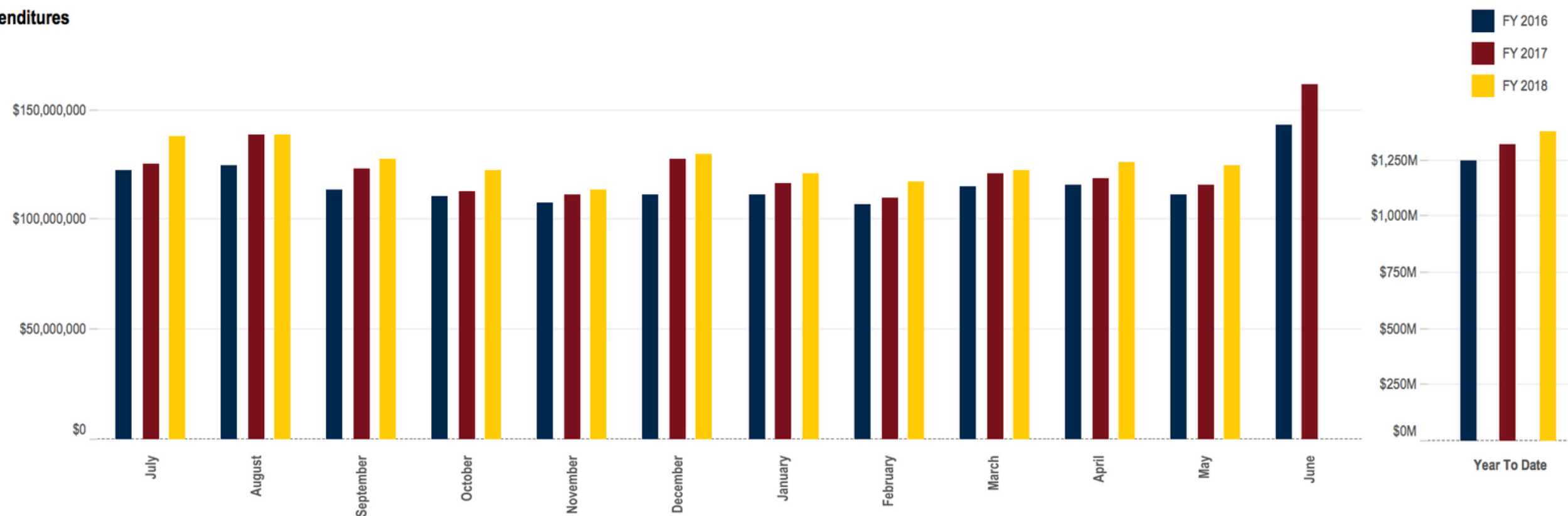
Figures 4 and 5 show the number of new research awards from external sponsors are up 4.2 percent, and their value has increased by 3.8 percent when compared to the previous fiscal year—led in May by a one-year, \$4.8 million award to study a trauma-induced bleeding disorder.

S. Jack Hu, Vice President for Research

Daryl Weinert, Associate Vice President for Research, Business Operations

Figure 1

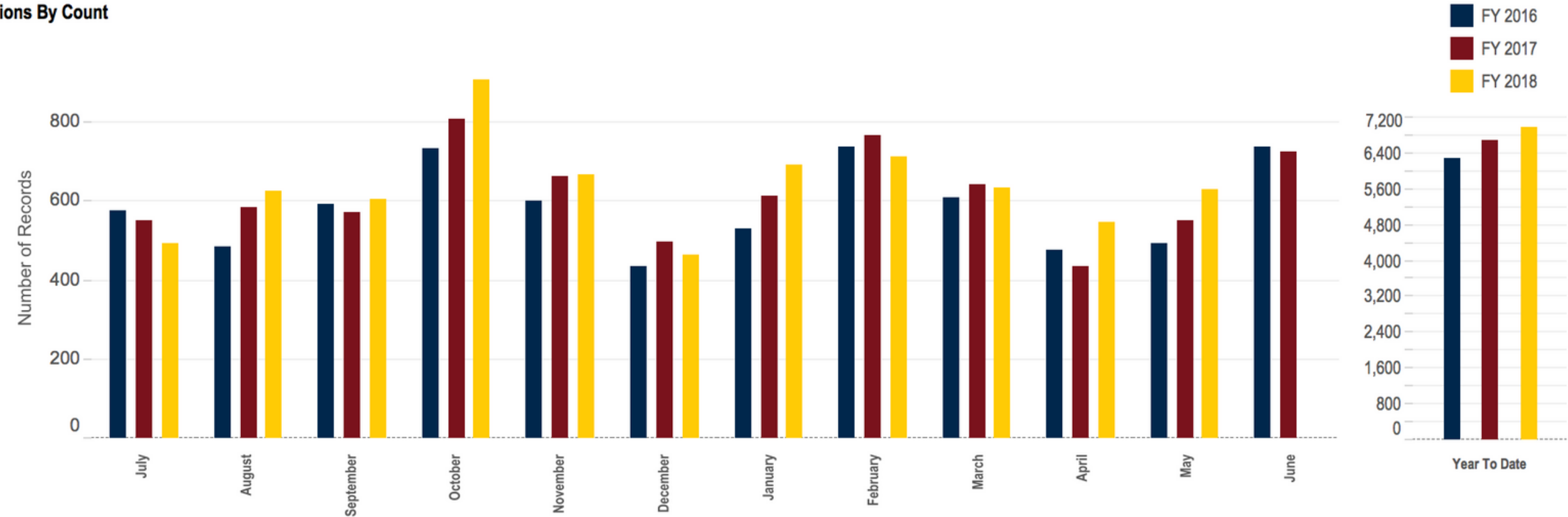
Expenditures



FY 2016: \$1,249,857,430
 FY 2017: \$1,321,348,185
 FY 2018: \$1,381,911,758

Figure 2

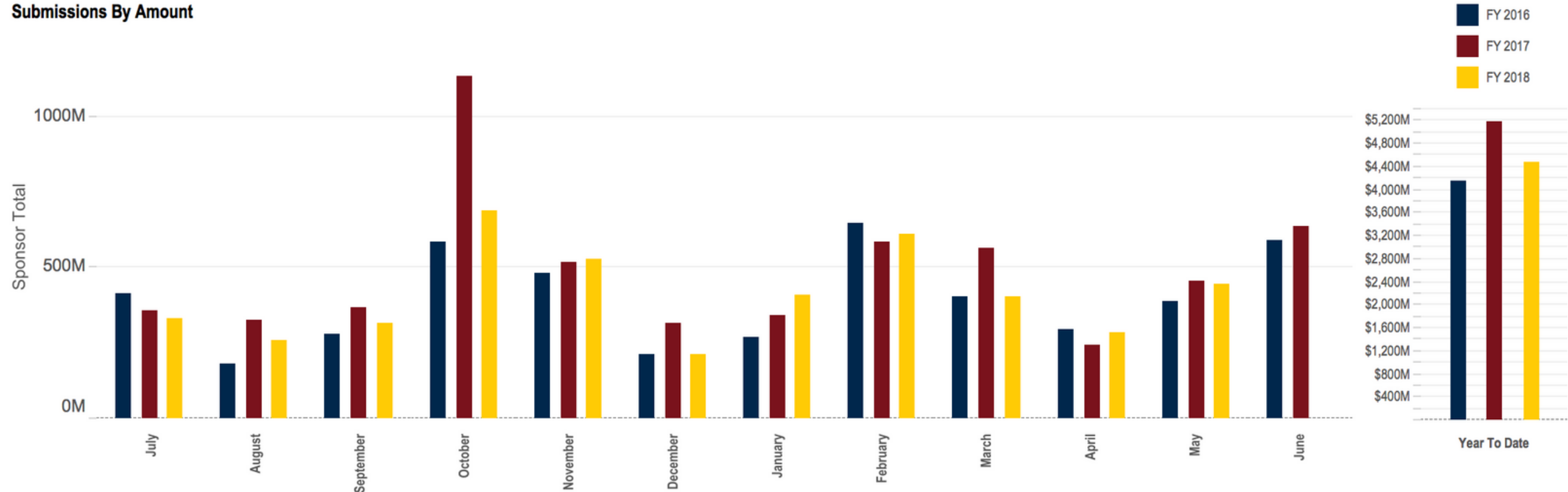
Submissions By Count



FY 2016: 6,278
 FY 2017: 6,701
 FY 2018: 6,994

Figure 3

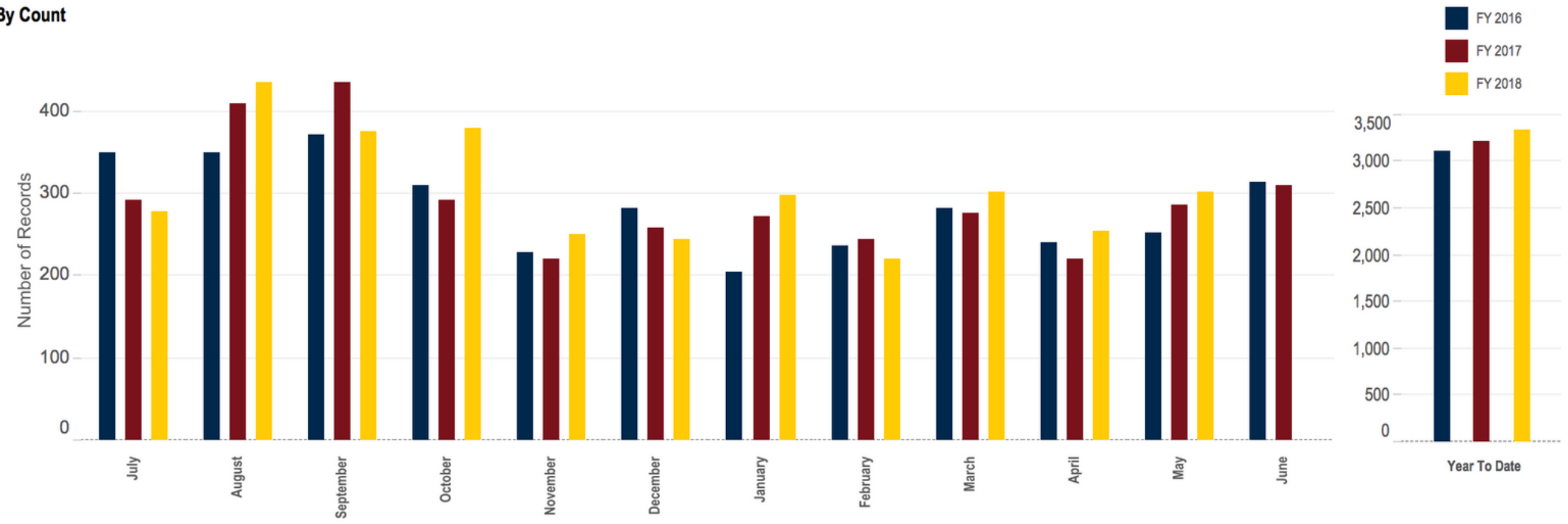
Submissions By Amount



FY 2016: \$4,162,135,007
 FY 2017: \$5,193,830,069
 FY 2018: \$4,489,306,035

Figure 4

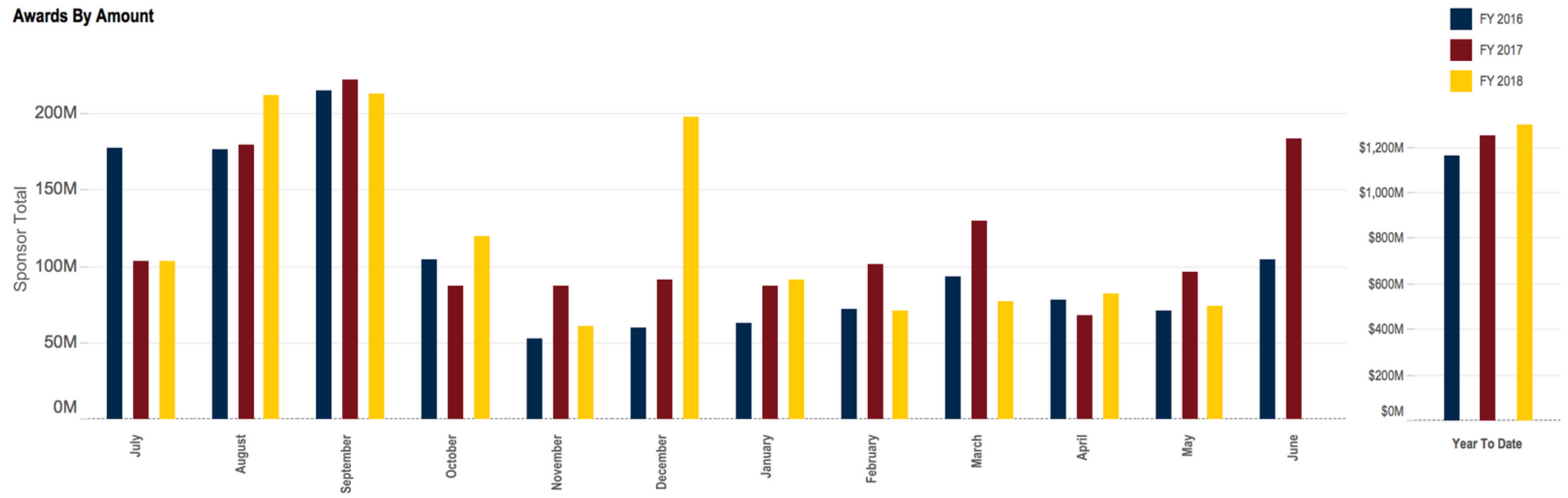
Awards By Count



FY 2016: 3,107
 FY 2017: 3,210
 FY 2018: 3,345

Figure 5

Awards By Amount



FY 2016: \$1,164,366,668
 FY 2017: \$1,254,840,435
 FY 2018: \$1,302,078,107

Figure 6

20 Largest Project Awards: May 2018

For a complete list, visit
orsp.umich.edu/saw.

Principal Investigator	Department	Proposal Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Morrissey, James	Biological Chemistry Dept	Analysis and Characterization of Trauma-Induced Coagulopathy	Health and Human Services, Department of-National Institutes of Health	\$4,800,000	1.0
Was, Gary	Nuclear Eng & Radiological Sci	High Fidelity Ion Beam Simulation of High Dose Neutron Irradiation - Renewal	Los Alamos National Security, LLC	\$3,855,000	3.0
Beck, Angela	Hlth Behavior & Hlth Ed Dept	Region V Public Health Training Center	Health and Human Services, Department of-Health Resources and Services Administration	\$3,699,596	4.0
Sen, Srijan	Molecular & Behav Neurosc Inst	Mobile Technology to Identify Behavioral Mechanisms Linking Genetic Variation and Depression	Health and Human Services, Department of-National Institutes of Health	\$3,621,598	4.7
Wang, Shaomeng	Int Med-Hematology/ Oncology	Targeting the menin-MLL1 complex for new therapeutics	Health and Human Services, Department of-National Institutes of Health	\$3,234,612	5.0
Braley, Tiffany	Neurology Department	A randomized controlled trial of telephone-delivered cognitive behavioral-therapy, modafinil, and combination therapy of both interventions for fatigue in multiple sclerosis	Patient-Centered Outcomes Research Institute (PCORI)	\$3,156,833	4.3
Zhou, Chuan	Department of Radiology	Histopathology correlated quantitative analysis of lung nodules with LDCT for early detection of lung cancer	Health and Human Services, Department of-National Institutes of Health	\$2,345,789	5.0
McLoughlin, Hayley	Neurology Department	Preclinical Development of Antisense Oligonucleotide Therapy for Spinocerebellar Ataxia Type 3	Health and Human Services, Department of-National Institutes of Health	\$2,148,598	4.0
Kao, John	Int Med-Gastroenterology	Mechanisms of gut epithelial DUOX-mediated intestinal homeostasis	Health and Human Services, Department of-National Institutes of Health	\$1,990,087	3.8
Maher, Patty	Survey Research Organization	Basic Income Study	Y Combinator Research (YC)	\$1,963,818	1.8
Maust, Donovan	Psych - Geriatric	Leveraging large-scale national data to understand, reduce, and prevent benzodiazepine-related harms among older adults	Health and Human Services, Department of-National Institutes of Health	\$1,809,111	3.8
Cartee, Gregory	School of Kinesiology	Skeletal Muscle Glucose Uptake: Exercise and Insulin	Health and Human Services, Department of-National Institutes of Health	\$1,577,867	3.0
Phillips, Tycel	Int Med-Hematology/ Oncology	A PHASE III, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL COMPARING THE EFFICACY AND SAFETY OF..	Covance Inc.	\$1,445,927	6.8
Jacob, Robin	SRC - Youth Policy Lab	Variation in Early Mathematics Instruction Across Grades and Schools	Heising-Simons Foundation	\$955,211	2.0
Roberts, Scott	Hlth Behavior & Hlth Ed Dept	University of Michigan Training Program in ELSI Research	Health and Human Services, Department of-National Institutes of Health	\$946,816	5.0
Chen, Luyun	Biomedical Engineering	Using a mechanistic classification scheme to identify the causes of anterior vaginal wall prolapse and develop a validated surgical planning system	Health and Human Services, Department of-National Institutes of Health	\$935,177	3.0
Owen-Smith, Jason	SRC-Innovation, Netwrks&Knwldge	Collaborative Research: New Insights into STEM Pathways: The Role of Peers, Networks, and Demand	National Science Foundation	\$930,260	3.0
Boyd, Iain	Aerospace Engineering	Combined Computational and Experimental Study of UHTCs for Thermal Protection of Hypersonic Vehicles	Defense, Department of-Navy, Department of the	\$912,730	3.0
Alva, Ajjai	Int Med-Hematology/ Oncology	A Phase 3 Study of Erdafitinib Compared To Vinflunine or Docetaxel or Pembrolizumab in Subjects with Advanced Urothelial Can..	Janssen Research and Development, LLC	\$890,539	5.1
Conjeevaram, Hari	Int Med-Gastroenterology	A Phase 3, Double-Blind, Randomized, Placebo-Controlled, Multicenter Study to Evaluate the Efficacy and Safety of Obeticholic Acid in Subjects with Compensated Cirrhosis ..	Intercept Pharmaceuticals, Inc.	\$874,968	2.8