

U-M Research Award and Expenditures Report: October 2017

This report summarizes the overall trends in research activity across all three campuses of the University of Michigan from August 1 through August 31, 2017.

Figure 1 shows that total research expenditures through the second month of fiscal year 2018 are ahead of the previous year by 4.7 percent. It is important to note that the final audited total research expenditures for fiscal year 2017, which closed on June 30, are expected to reach a record high of more than \$1.4 billion. A full report of the financial results for the year will be released later this fall.

The number of research submissions in August exceeded the number from last August, as shown in Figure 2, and the total for the year is now 1.7 percent behind the pace from the previous year. Figure 3 shows the value of those submissions are down 13.8 percent compared to August 2016.

Figures 4 and 5 show the number of new research awards from external sponsors are up 1.7 percent, and their value has increased by 8.9 percent when compared to the second month of the previous fiscal year.



S. Jack Hu
Vice President for Research

Daryl Weinert
Associate Vice President for Research, Business Operations

Expenditures

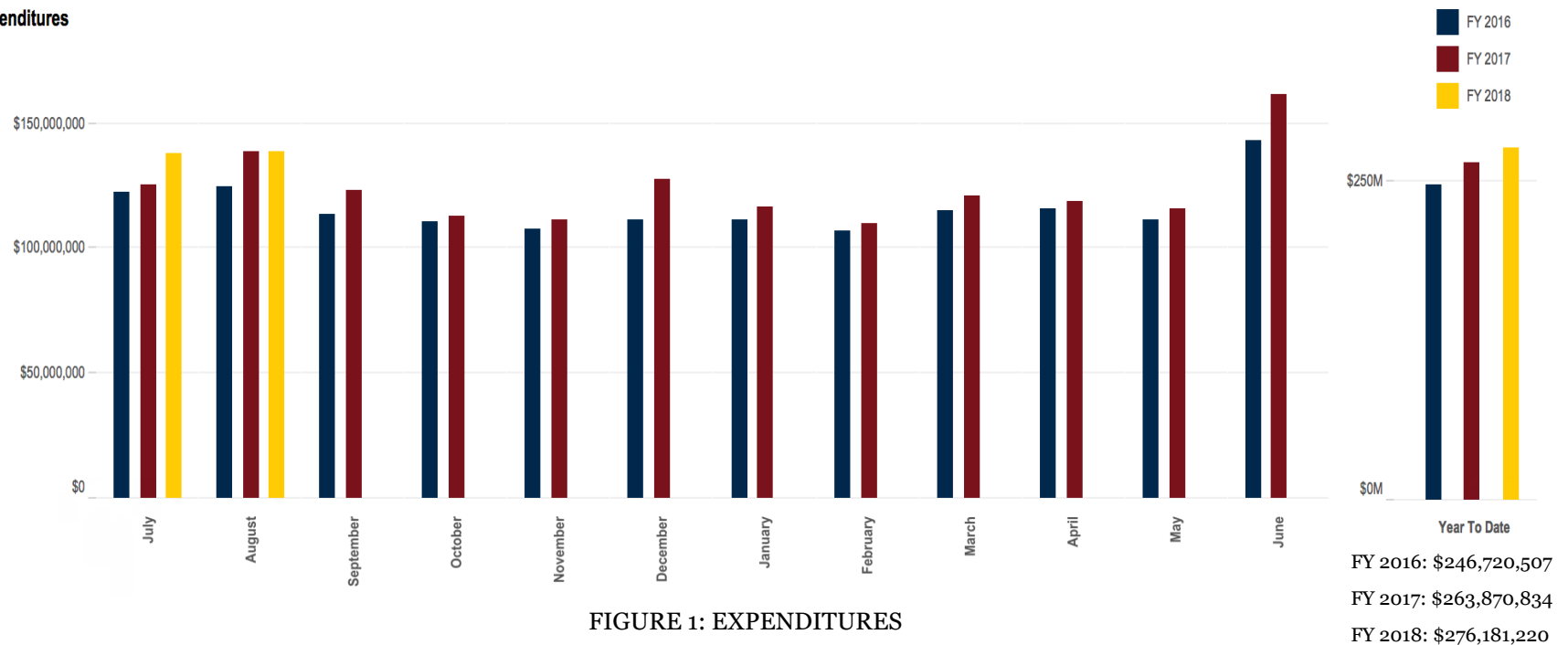


FIGURE 1: EXPENDITURES

Submissions By Count

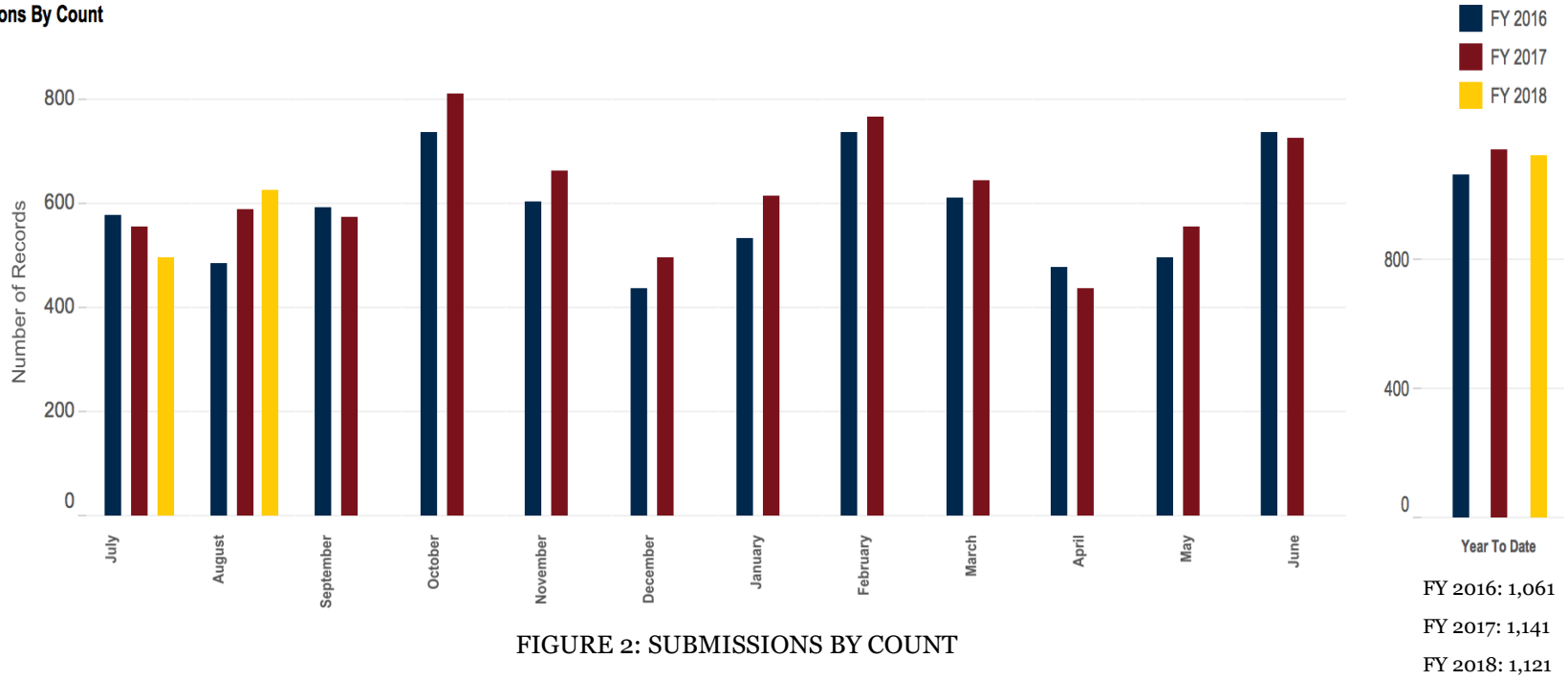


FIGURE 2: SUBMISSIONS BY COUNT

Submissions By Amount

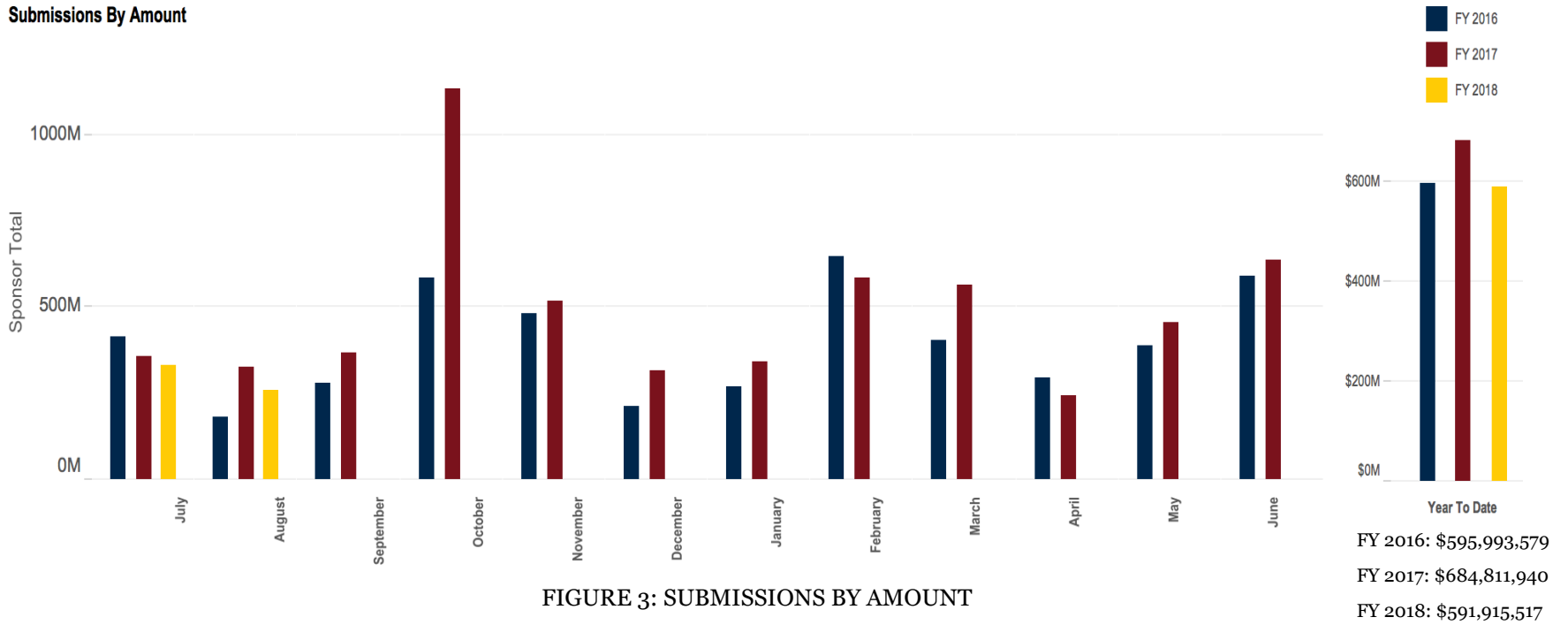


FIGURE 3: SUBMISSIONS BY AMOUNT

Awards By Count

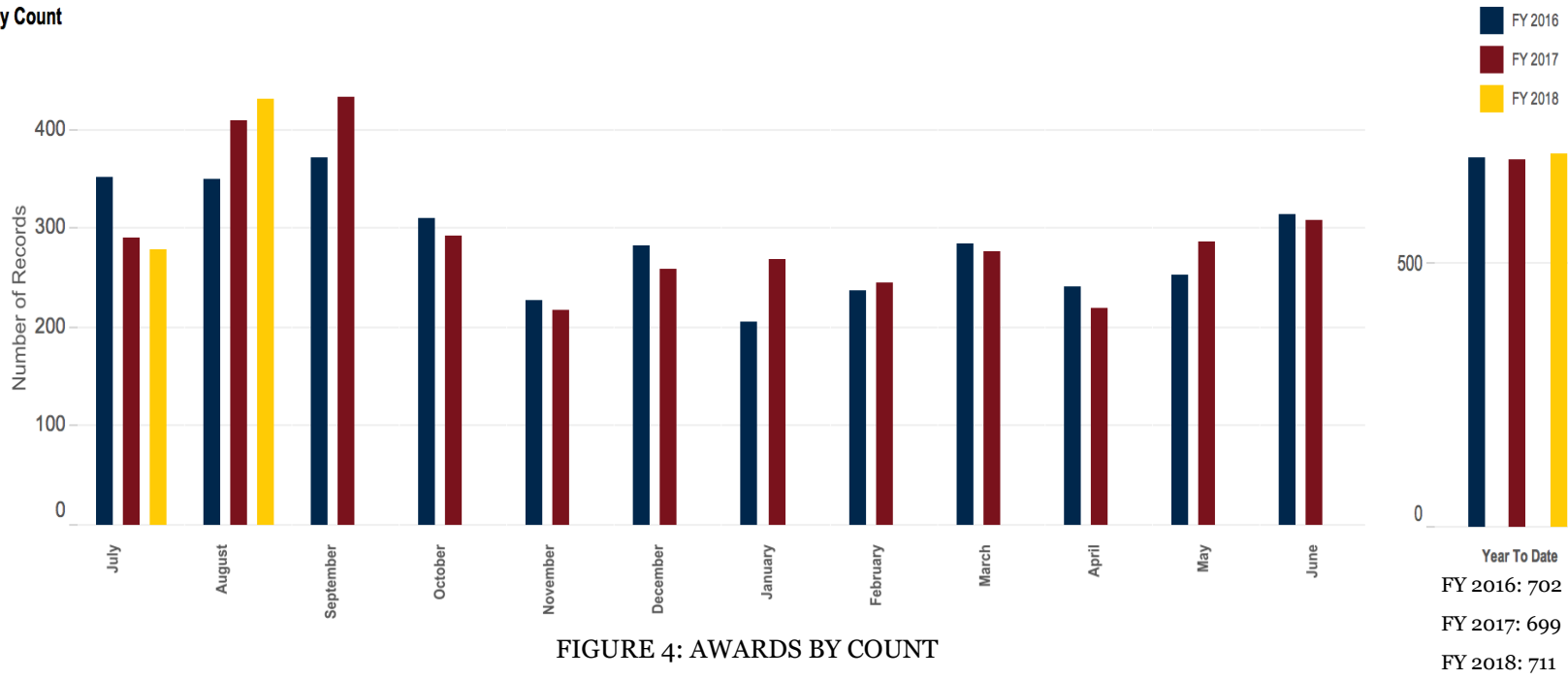


FIGURE 4: AWARDS BY COUNT

Awards By Amount

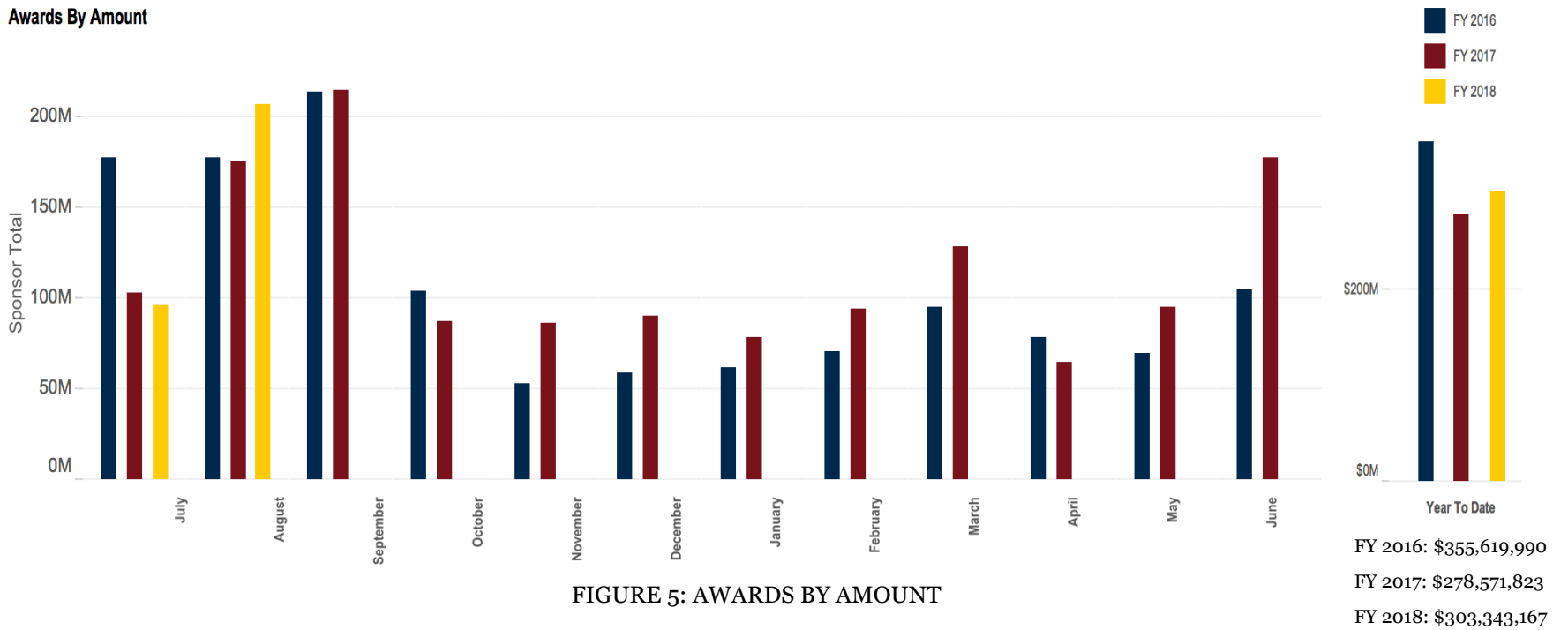


FIGURE 5: AWARDS BY AMOUNT

20 LARGEST PROJECT AWARDS - AUGUST 2017

Principal Investigator	Department	Proposal Title	Direct Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Hall, Janet	Obstetrics and Gynecology Dept	CIRHT Supplemental Funding	Susan Thompson Buffett Foundation	\$18,944,428	3.0
Deng, Hui	LSA Physics	Room-Temperature Two-Dimensional Polaritronics with van der Waals Heterostructures	Defense, Department of-Army, Department of the	\$6,250,000	0.3
Hanauer, David	Pediatrics-Ambulatory Care Pgm	Advanced Development and Dissemination of EMERSE for Cancer Phenotyping from Medical Records	Health and Human Services, Department of-National Institutes of Health	\$3,934,064	4.6
Levine, Deborah	Int Med-General Medicine	The Effect of Lower Blood Pressure over the Life Course on Late-life Cognition in Blacks, Hispanics, and Whites (BP-COG)	Health and Human Services, Department of-National Institutes of Health	\$3,703,700	4.8
Worden, Francis	Int Med-Hematology/Oncology	A Randomized Phase III study of pembrolizumab given concomitantly with chemoradiation and as maintenance therapy versus chemoradiation alone in subjects with locally advanced ..	Merck, Inc	\$3,637,536	8.0
Kilbourne, Amy	Psychiatry Depression Center	Improving Student Mental Health: Adaptive Implementation of School-based CBT	Health and Human Services, Department of-National Institutes of Health	\$3,577,910	4.8
Barsan, William	Emergency Medicine	Strategies to Innovate EmeRgENcy Care Clinical Trials Network (SIREN) - Clinical Coordinating Center (CCC)	Health and Human Services, Department of-National Institutes of Health	\$3,553,392	4.9
Wang, Xueding	Biomedical Engineering - MS	Physiology of Inflammatory Arthritis in High Resolution	Health and Human Services, Department of-National Institutes of Health	\$3,545,507	4.8
McNally, James	ICPSR- National Archive of Com	FACTORS IN AGING: Best Practices in Archiving and Sharing Longitudinal Data Resources on Aging	Health and Human Services, Department of-National Institutes of Health	\$3,474,873	4.6
Mitchell, Colter	SRC-Pop., Neurodev., & Genet	Epigenetic Mediation of Adverse Social Context on Stress Response, Socioemotional Development, and Health in a Population-based Study of Minority and Low SES Children and..	Health and Human Services, Department of-National Institutes of Health	\$3,459,908	4.8
Colabianchi, Natalie	School of Kinesiology	The effect of built and social environments on childhood obesity and racial/ethnic disparities in the national Healthy Communities Study	Health and Human Services, Department of-National Institutes of Health	\$3,337,002	3.8
Owyang, Chung	Int Med-Gastroenterology	University of Michigan Center for Gastrointestinal Research	Health and Human Services, Department of-National Institutes of Health	\$3,328,114	4.8
Cooke, Colin	Int Med-Pulm./Critical Care	Strategies to Enhance Pneumonia Care via Intermediate Intensive Care (STEP-IN)	Health and Human Services, Department of-National Institutes of Health	\$3,235,783	4.7
Wang, Shaomeng	Int Med-Hematology/Oncology	Small-molecule MDM2 degraders	Health and Human Services, Department of-National Institutes of Health	\$3,161,154	5.0
Axinn, William	Pop Studies-Research	Understanding the Connections among Genes, Environment, Family Processes, and Mental Health	Health and Human Services, Department of-National Institutes of Health	\$3,108,183	3.8
Yoon, Euisik	COE EECS - ECE - SSEL	Multimodal Integrated Neural Technologies (MINT): Connecting Physiology to Functional Mapping - 1707316	National Science Foundation	\$3,100,000	2.0
Hughes, Bret	Ophthalmology & Visual Science	Core Grant for Vision Research	Health and Human Services, Department of-National Institutes of Health	\$2,954,191	5.0
Needham, Belinda	Epidemiology Department	Race/Ethnicity, DNA Methylation, and Disparities in Cardiovascular Mortality: NHANES 1999-2002	Health and Human Services, Department of-National Institutes of Health	\$2,939,487	4.8
Morenoff, Jeffrey	Pop Studies-Research	Michigan Research Infrastructure for Population Sciences	Health and Human Services, Department of-National Institutes of Health	\$2,894,076	4.9
Eisenberg, Joseph	Epidemiology Department	Zika and Dengue Co-circulation Under Environmental Change and Urbanization	Health and Human Services, Department of-National Institutes of Health	\$2,666,768	4.0

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