

U-M RESEARCH AWARD AND EXPENDITURES REPORT
JULY 2021

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan through the first 11 months of Fiscal Year 2021, which ended May 31.

Total research expenditures through the first 11 months of FY21 totaled \$1.39 billion, which is down 4 percent when compared to FY20. This decrease is consistent with university spending austerity measures spurred by the pandemic. We expect the rate of expenditures to gradually recover as U-M continues to safely ramp up research and scholarship.

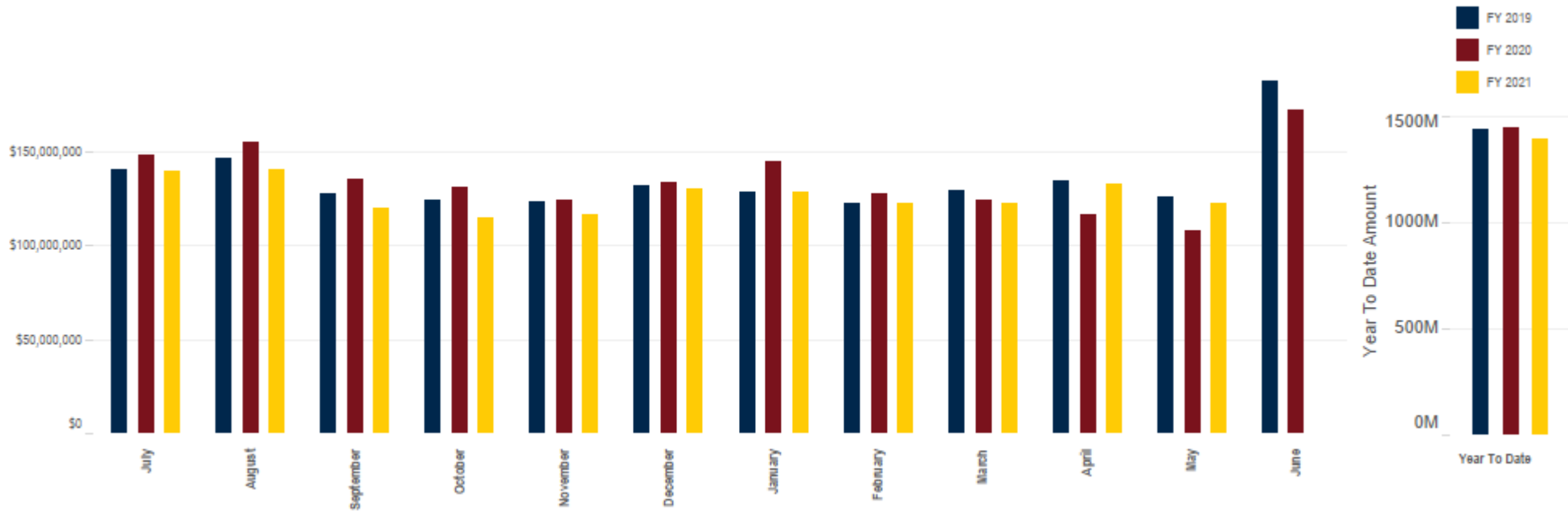
The number of research submissions through May was up 1.2 percent, and the value of those submissions is up 3 percent when compared to the first 11 months of FY20.

The number of new research awards from external sponsors through the first 11 months of FY21 are down 1.6 percent, and their value decreased by 12.5 percent when compared to May 2020. The university received a large research award in May 2020, totaling \$31 million, which helps explain the university's recent decrease in award value.

Rebecca Cunningham, Vice President for Research

Craig Reynolds, Assistant Vice President for Research-Sponsored Projects

Expenditures



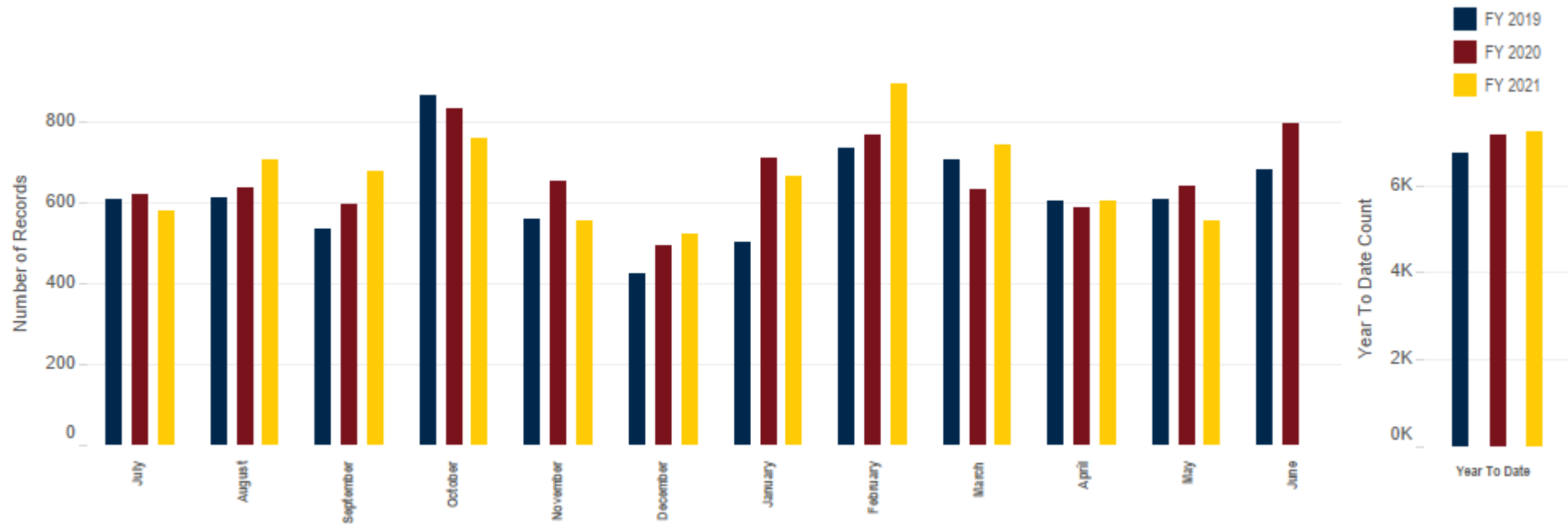
Year to Date

FY19: \$1,434,821,866

FY20: \$1,449,056,763

FY21: \$1,391,246,982

Submissions by Count



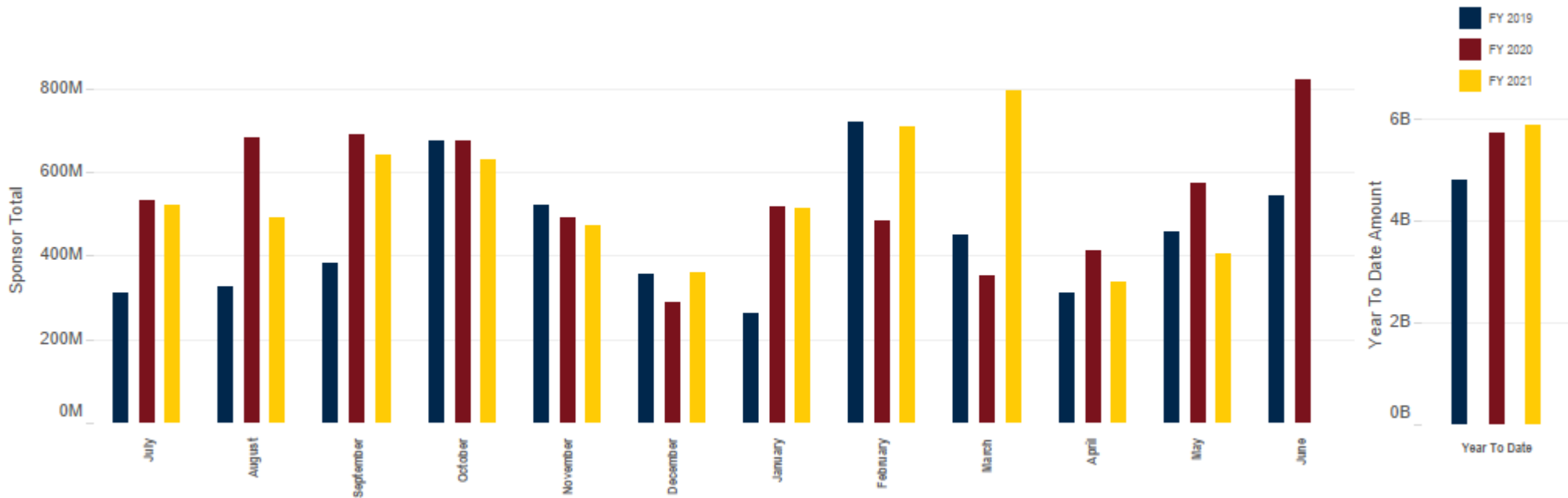
Year to Date

FY19: 6,760

FY20: 7,166

FY21: 7,253

Submissions by Amount



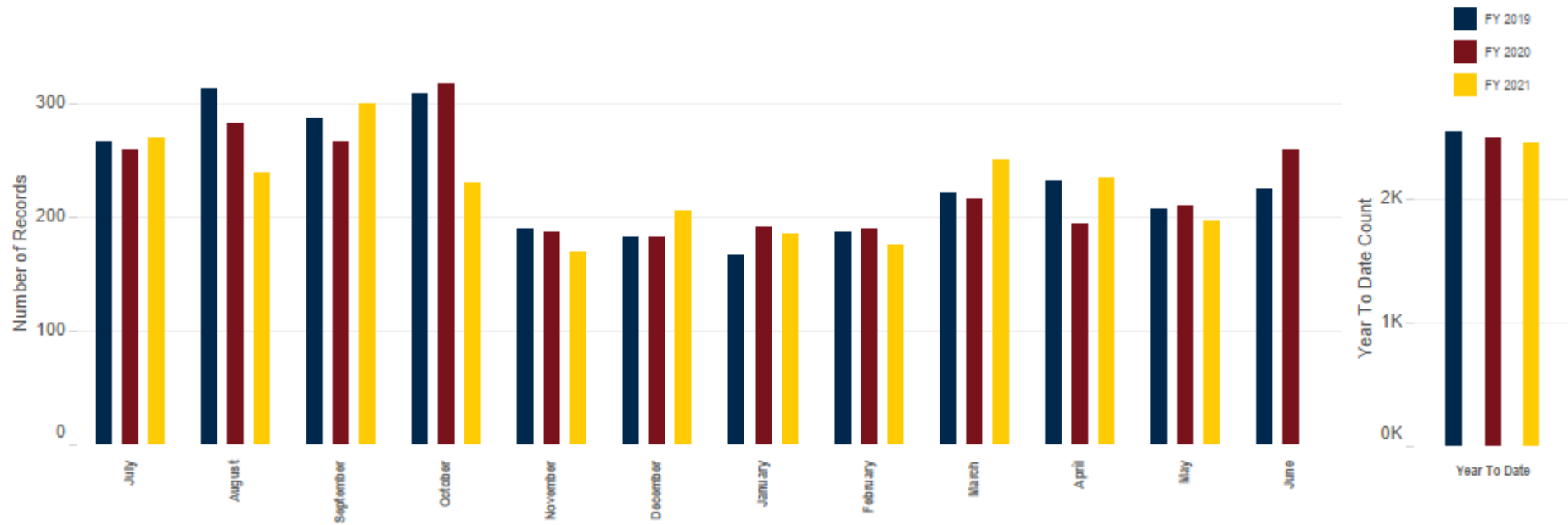
Year to Date

FY19: \$4,779,415,581

FY20: \$5,706,383,591

FY21: \$5,876,356,027

Awards by Count



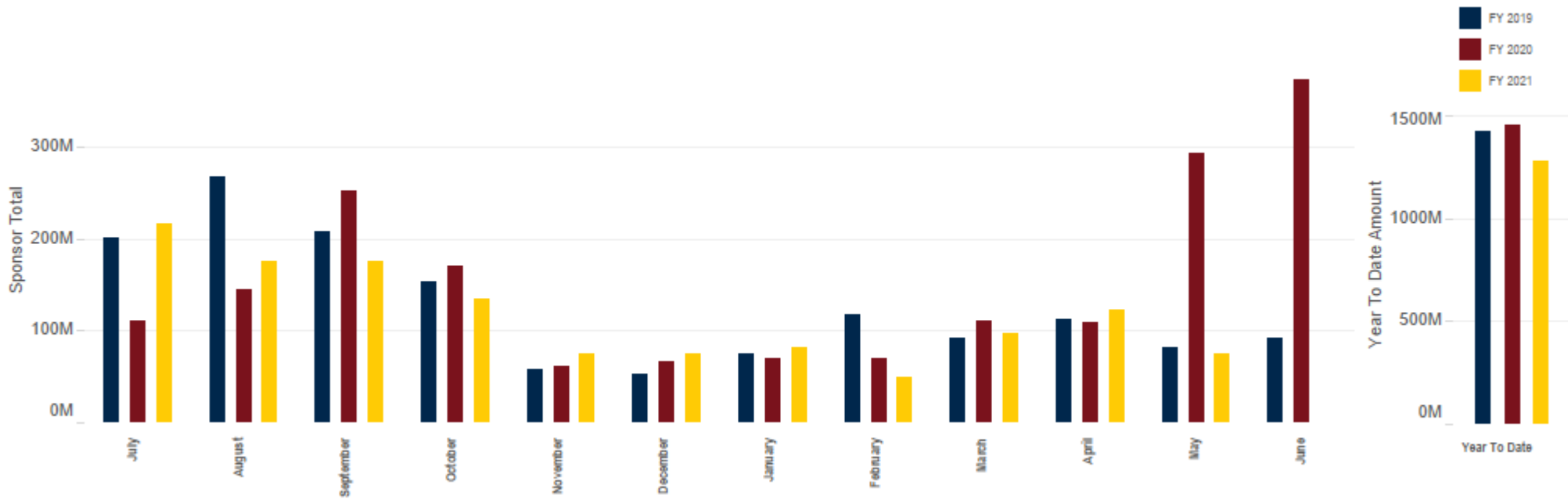
Year to Date

FY19: 2,559

FY20: 2,495

FY21: 2,456

Awards by Amount



Year to Date

FY19: \$1,423,775,623

FY20: \$1,459,624,810

FY21: \$1,277,808,896



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Top New Projects

May 2021

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Paulson, Henry	MM Neurology Department	Mechanisms of neurodegenerative diseases: intersections with ubiquitin pathways	Health and Human Services, Department of-National Institutes of Health	\$8,306,640	8.0
Gipson, Debbie	MM Pediatrics-Nephrology	Preparing a clinical outcomes assessment set for nephrotic syndrome [Prepare-NS]	Health and Human Services, Department of-Food and Drug Administration	\$4,099,204	5.0
Watson, Brendon	MM Psych Labs and Research	Digital behavioral phenotyping and multi-region electrophysiology to determine behavioral and neural network changes underlying the stress response in mice	Health and Human Services, Department of-National Institutes of Health	\$3,352,196	4.8
Yang, Dean	Pop Studies-Research	Health Decision-Making in the Aftermath of Disaster	Health and Human Services, Department of-National Institutes of Health	\$3,165,501	4.8
Jenkins, Paul	MM Pharmacology Department	Convergent mechanisms for neurodevelopmental disorder genes	Health and Human Services, Department of-National Institutes of Health	\$2,579,181	4.8
Viglianti, Benjamin	MM Department of Radiology	SPLASH: Study Evaluating Metastatic Castrate Resistant Prostate Cancer Treatment Using 177Lu-PNT2002 PSMA Therapy After Second-line Hormonal Treatment	PSI Pharma Support America, Inc	\$2,541,465	10.0
Gallagher, Katherine	MM Vascular Surgery Section	Notch signaling in diabetic wounds	Health and Human Services, Department of-National Institutes of Health	\$2,521,498	4.0
Kemp, Stephen	MM Plastic Surgery Section	Physiologic Signaling and Exoskeleton Control of the Muscle Cuff Regenerative Peripheral Nerve Interface (MC-RPNI) During Volitional Behavior	Defense, Department of-Army, Department of the	\$2,473,957	4.0
Wittkopp, Trisha	LSA Molec./Cell./Develop. Bio	Genetic mechanisms and evolutionary processes underlying diversity within and between species	Health and Human Services, Department of-National Institutes of Health	\$2,110,420	5.0
Higgins, Peter	MM Int Med-Gastroenterology	Assessing biomarkers of intestinal fibrosis and inflammation in Crohn's Disease via an endoscopic imaging catheter	Health and Human Services, Department of-National Institutes of Health	\$2,107,581	4.0