

U-M RESEARCH AWARD AND EXPENDITURES REPORT  
FEBRUARY 2020

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan through the first six months of Fiscal Year 2021, which ended December 31, 2020.

Total research expenditures through the first half of FY21 totaled \$762 million, which is down 7.9 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.

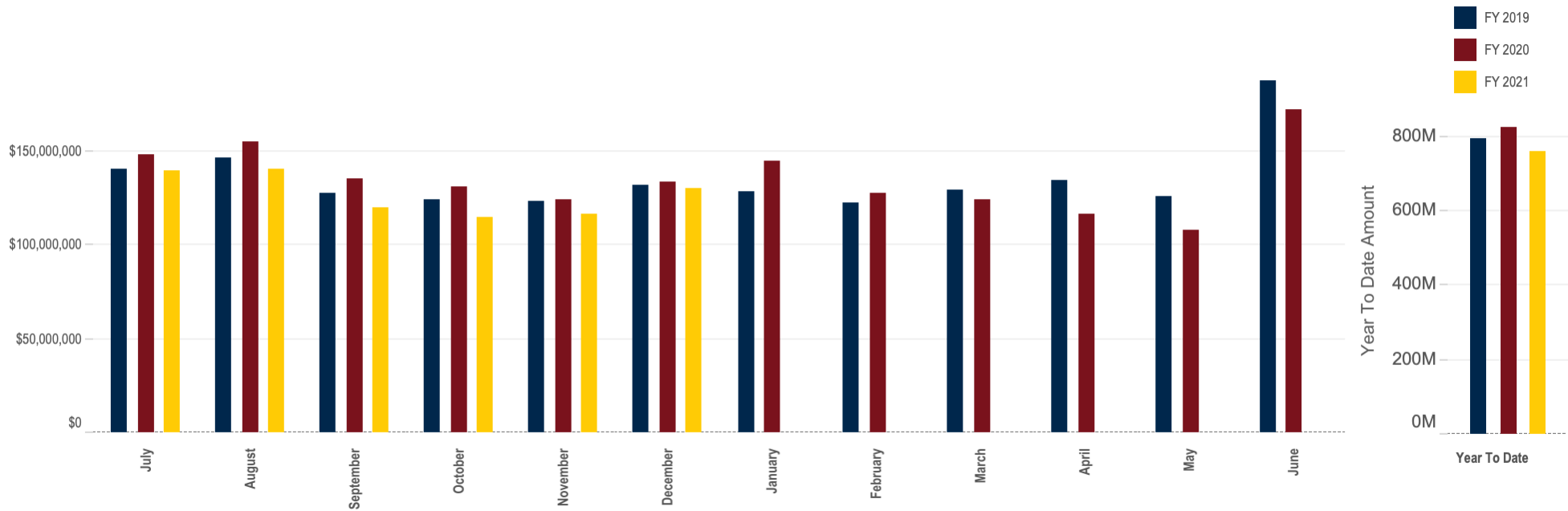
The number of research submissions through December was down 16.3 percent, and the value of those submissions is down 19.7 percent when compared to the first six months of FY20.

The number of new research awards from external sponsors through the first six months of FY21 are down 5.6 percent, but their value increased by 1.9 percent when compared to December 2019.

Rebecca Cunningham, Vice President for Research

Craig Reynolds, Assistant Vice President for Research-Sponsored Projects

## Expenditures



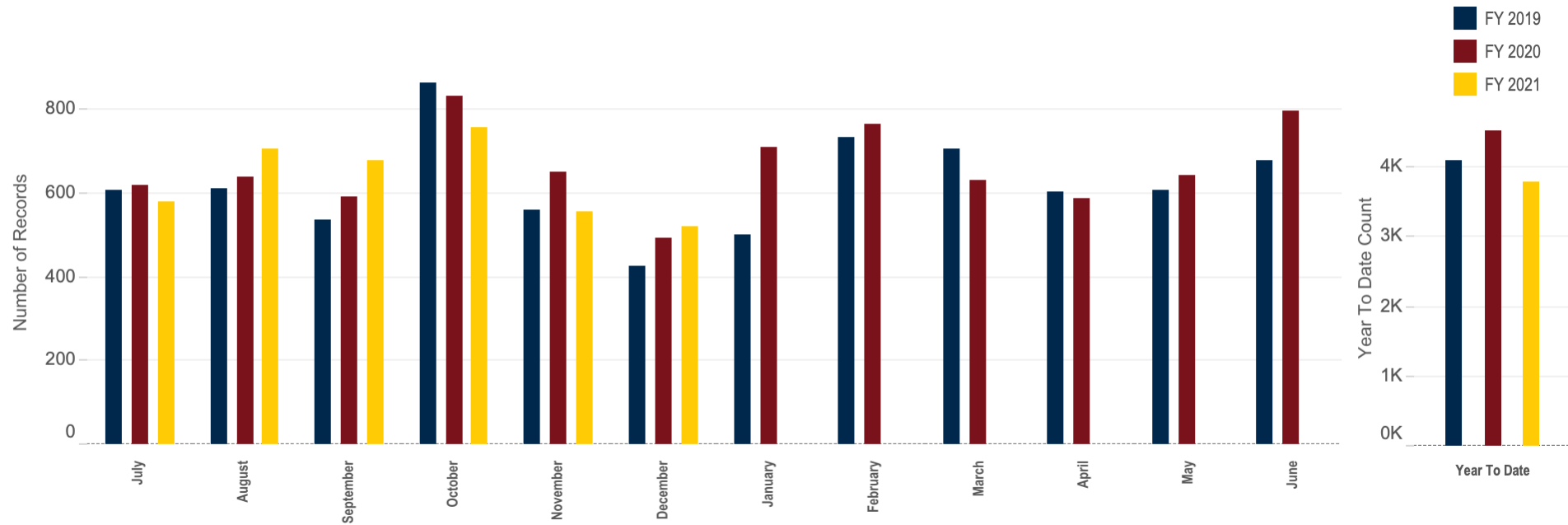
### Year to Date

FY19: \$793,999,861

FY20: \$827,701,956

FY21: \$762,035,361

### Submissions by Count



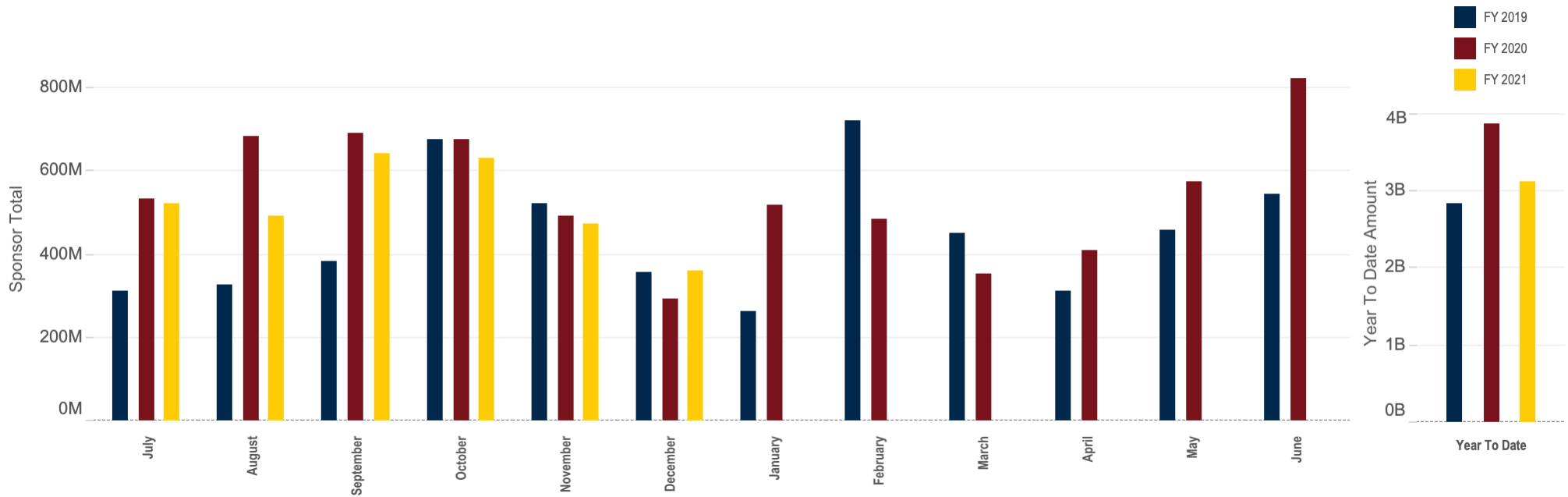
### Year to Date

FY19: 4,109

FY20: 4,539

FY21: 3,798

## Submissions by Amount



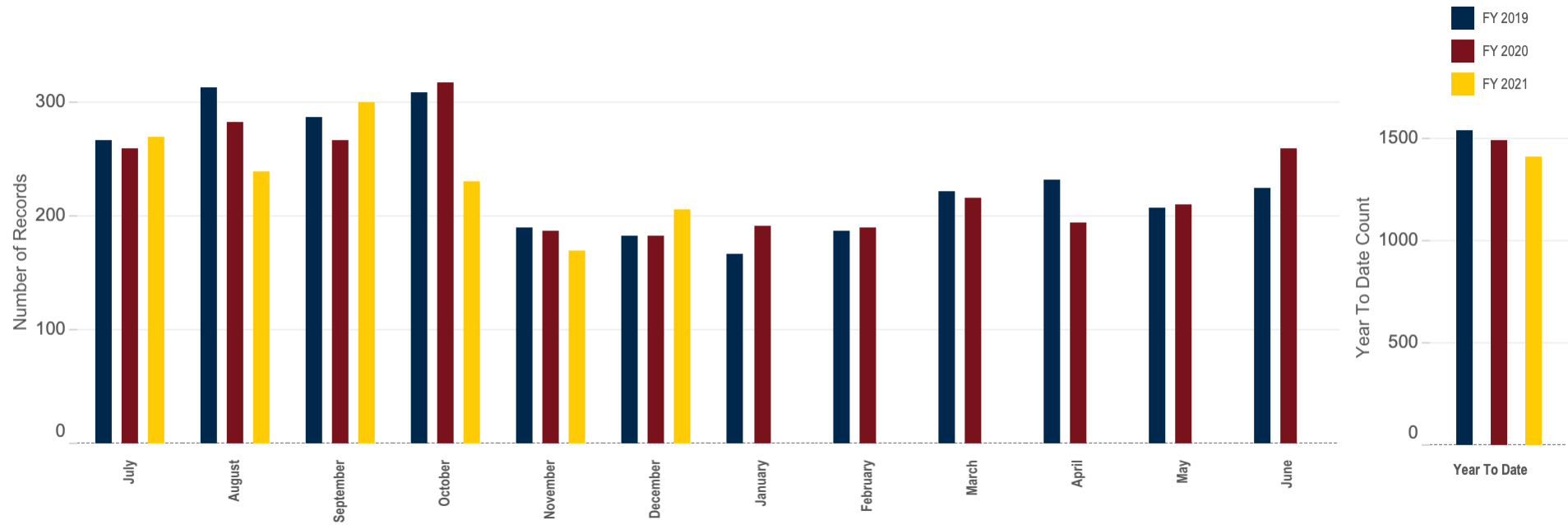
### Year to Date

FY19: \$2,836,706,100

FY20: \$3,886,640,115

FY21: \$3,119,181,164

## Awards by Count



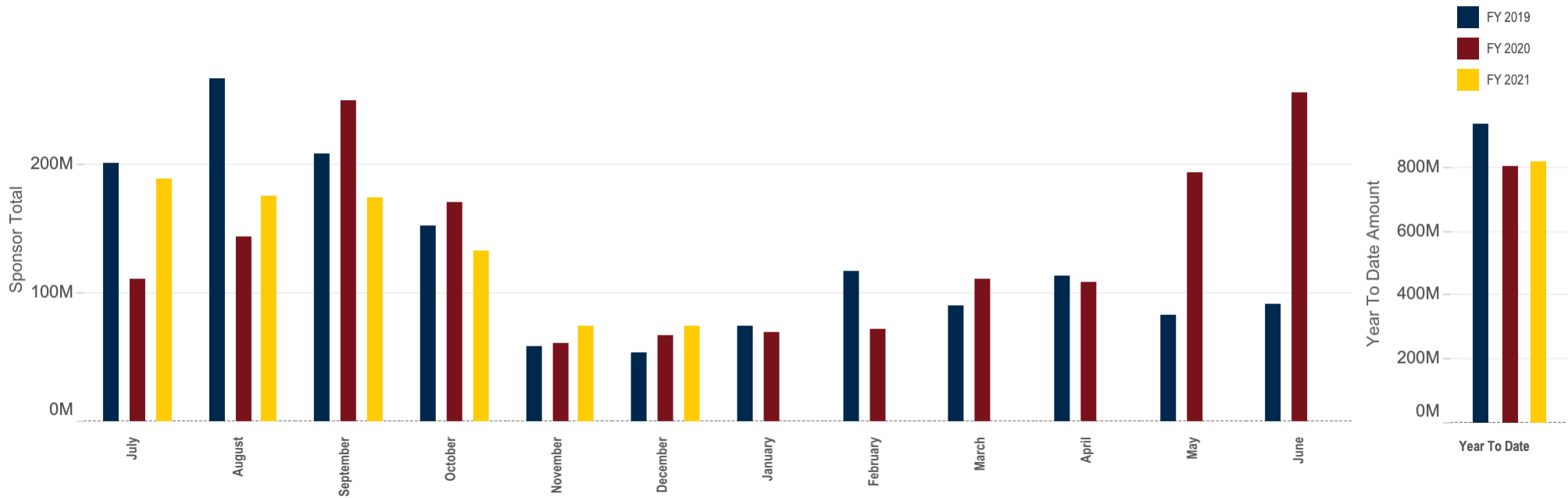
### Year to Date

FY19: 1,546

FY20: 1,495

FY21: 1,412

## Awards by Amount



### Year to Date

FY19: \$939,196,938

FY20: \$804,245,590

FY21: \$819,858,518

# M | RESEARCH

## U-M RESEARCH AWARD AND EXPENDITURES REPORT FEBRUARY 2020

### Top 10 New Projects

December 2020

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Smith, Yolanda	MM CIRHT - Ctr Int Repro Hlth	Expanding Research Capacity in Family Planning, Comprehensive Abortion Care and Sexual and Reproductive Health and Rights through Strategic Partnerships with Academic and Research Institutions in ..	The Susan Thompson Buffett Foundation	\$16,472,728	3.0
Harlow, Sioban	Epidemiology Department	The Study of Women's Health Across the Nation (SWAN): The Impact of Midlife and the Menopause Transition on Health and Functioning in Early Old Age	Health and Human Services, Department of-National Institutes of Health-Subcontracts	\$4,071,989	3.9
Fitzgerald, Kate	MM Psychiatry Child Services	Neurally targeted group intervention to reduce early childhood anxiety	Health and Human Services, Department of-National Institutes of Health	\$2,827,950	3.0
Alexander, Joseph	ICPSR - Director's Office	ResearchDataGov: Single point of entry, platform, and process for requesting access to restricted-use microdata	National Science Foundation	\$2,018,399	5.0
Nunez, Gabriel	MM Pathology Department	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	Health and Human Services, Department of-National Institutes of Health	\$1,950,000	5.0
Li, Yi	Biostatistics Department	New Statistical Methods for Modelling Cancer Outcomes	Health and Human Services, Department of-National Institutes of Health	\$1,398,107	4.0
Ruotolo, Brandon	LSA Chemistry	Engineered Nanodiscs for Structural Mass Spectrometry	Health and Human Services, Department of-National Institutes of Health	\$1,365,205	3.9
Thurber, Greg	Chemical Engineering Dept	Achieving Durable Responses through Protein Engineering of Immunostimulatory Antibody Drug Conjugates	Defense, Department of-Army, Department of the	\$1,300,536	3.0
Chinnaiyan, Arul	MM Ctr fr Translational Path.	Targeting transcriptional addiction in prostate cancer by impeding neo-enhancer accessibility	Prostate Cancer Foundation	\$1,000,000	2.0
Kunkel, Steve	MM Fast Forward Med Innovation	UM MTRAC Hub for Life Science Innovation (UM-MTRAC Hub)	Michigan, State of, Economic Development Corporation	\$1,000,000	2.0
Narayan, Alison	Life Sciences Institute-Admin	A transformative biocatalytic platform for drug discovery	Novartis Institutes for BioMedical Research, Inc.	\$1,000,000	3.0
Sexton, Kelly	UMOR Office of Tech Transfer	INTER-INSTITUTIONAL THERAPEUTIC GAP FUND AGREEMENT	Pharmavant 5, Inc.	\$1,000,000	3.0
Eniola-Adefeso, Lola	Chemical Engineering Dept	A Genentech Research Awards Research to Reverse Racial Disparity in Grant Funding	Genentech, Inc.	\$500,000	2.0
Manera, Annalisa	Nuclear Eng & Radiological Sci	High fidelity modeling and experiments to inform safety analysis codes for heat pipe microreactors	Nuclear Regulatory Commission	\$500,000	3.0
Seiberlich, Nicole	MM Department of Radiology	MIITT-Siemens Collaboration Proposal	Siemens Healthineers AG	\$500,000	3.1