



U-M RESEARCH AWARD AND EXPENDITURES REPORT
MAY 2024

**Received by the Regents
May 16, 2024**

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan through the first eight months of Fiscal Year 2024, which ended March 31.

Total research expenditures through the first eight months of FY24 totaled \$1.48 billion, which is up 11 percent when compared to March 2023.

The number of research submissions through the first eight months of FY24 was up 7.5 percent, and the value of those submissions increased 15.8 percent when compared to March 2023.

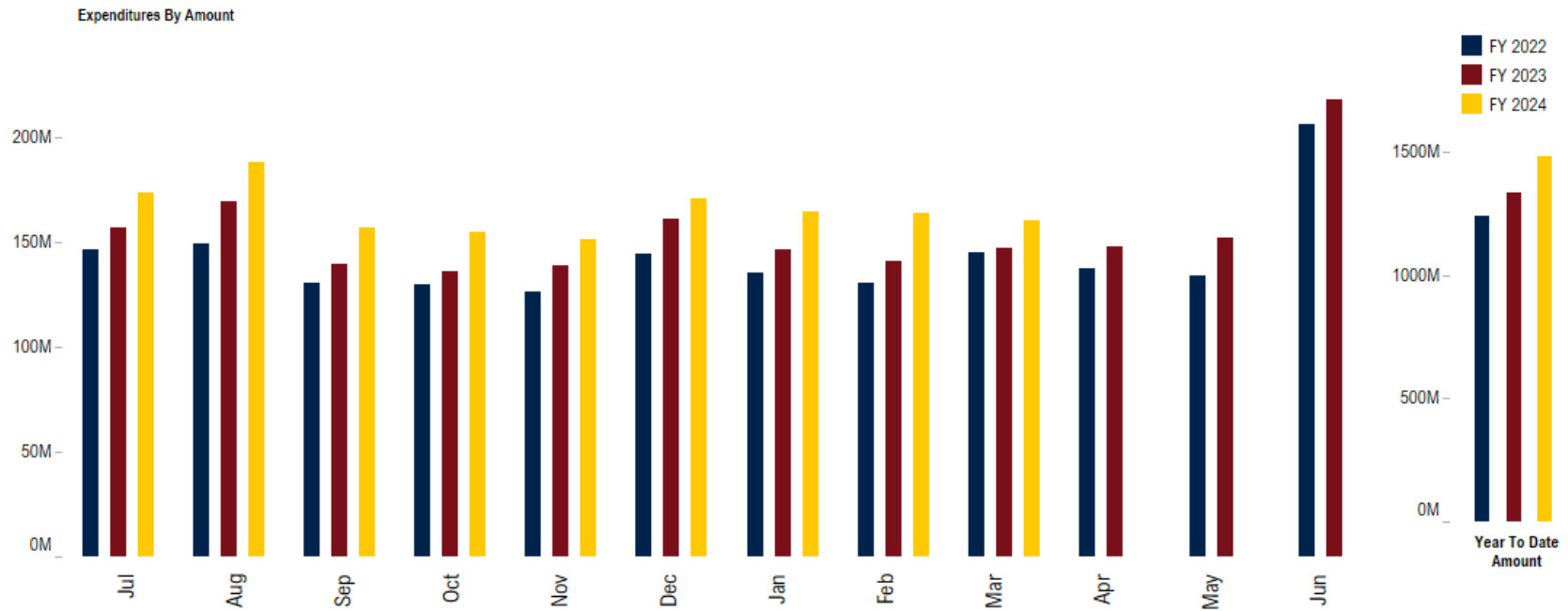
The number of new research awards from external sponsors through the first eight months of FY24 decreased 2.3 percent, but their value increased 20.3 percent when compared to March 2023.

Arthur Lupia, Vice President for Research and Innovation (interim)

Shandra White, Assistant Vice President for Research – Sponsored Projects

Jason Owen-Smith, Associate Vice President for Research – Institutional Capabilities and Research Intelligence

Expenditures



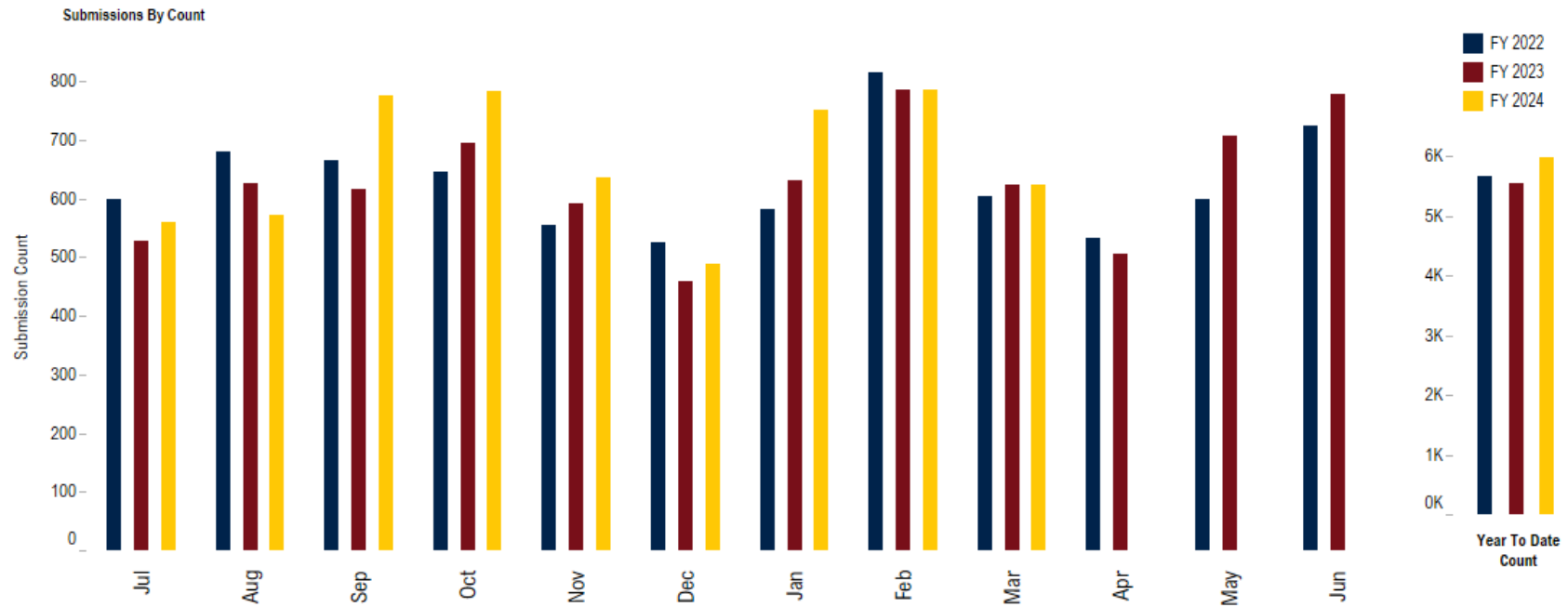
Year to Date

FY22: \$1,239,079,958

FY23: \$1,338,549,658

FY24: \$1,486,078,887

Submissions by Count



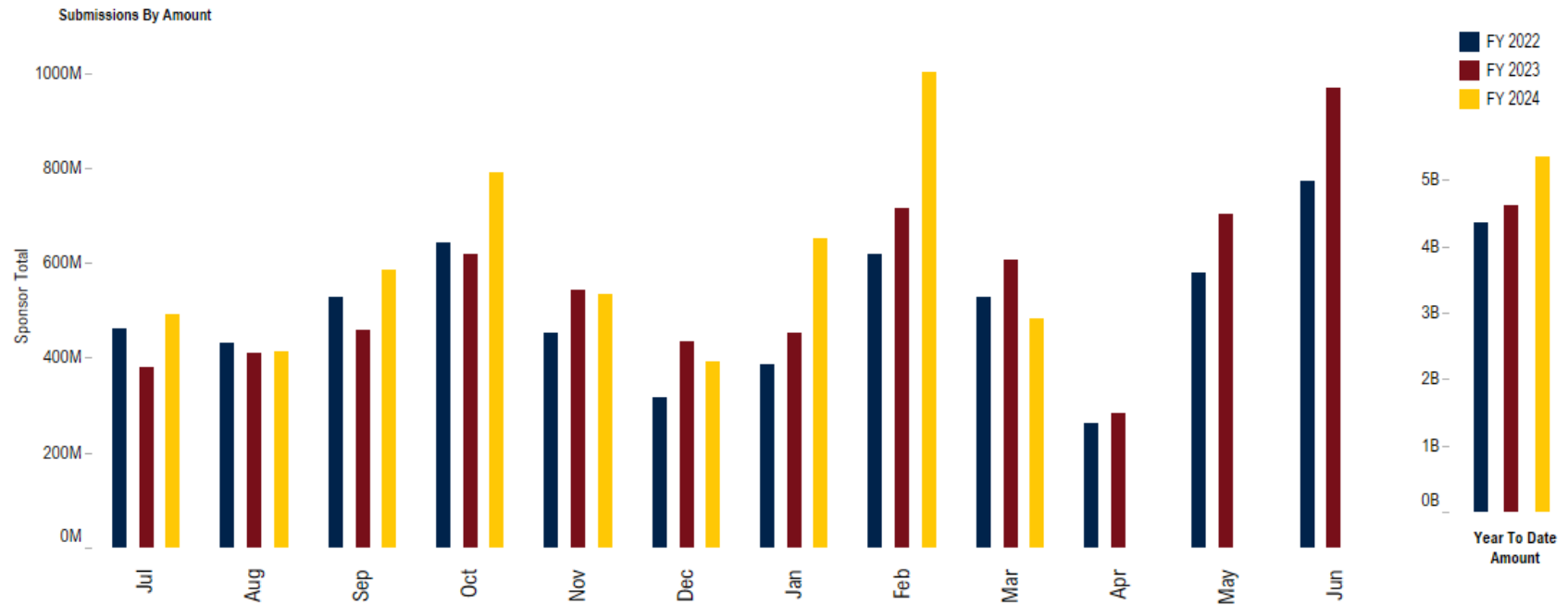
Year to Date

FY22: 5,674

FY23: 5,556

FY24: 5,973

Submissions by Amount



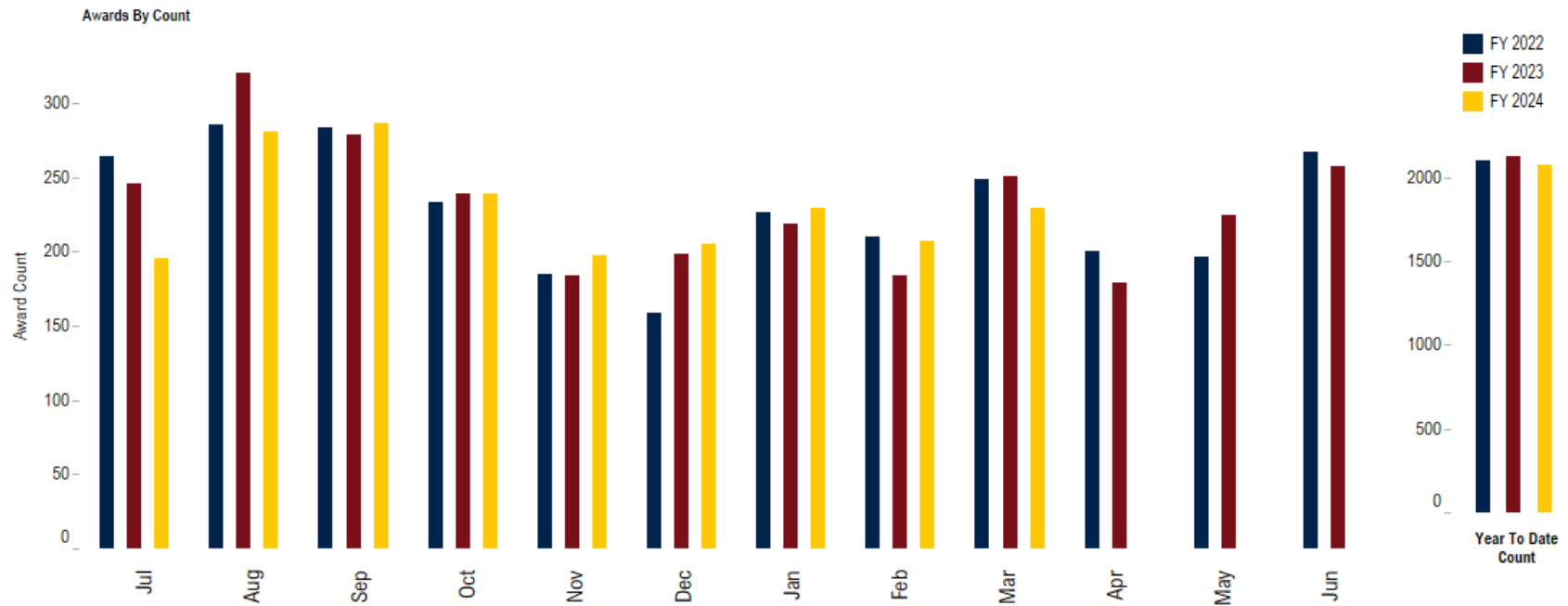
Year to Date

FY22: \$4,366,290,602

FY23: \$4,618,881,967

FY24: \$5,347,316,050

Awards by Count



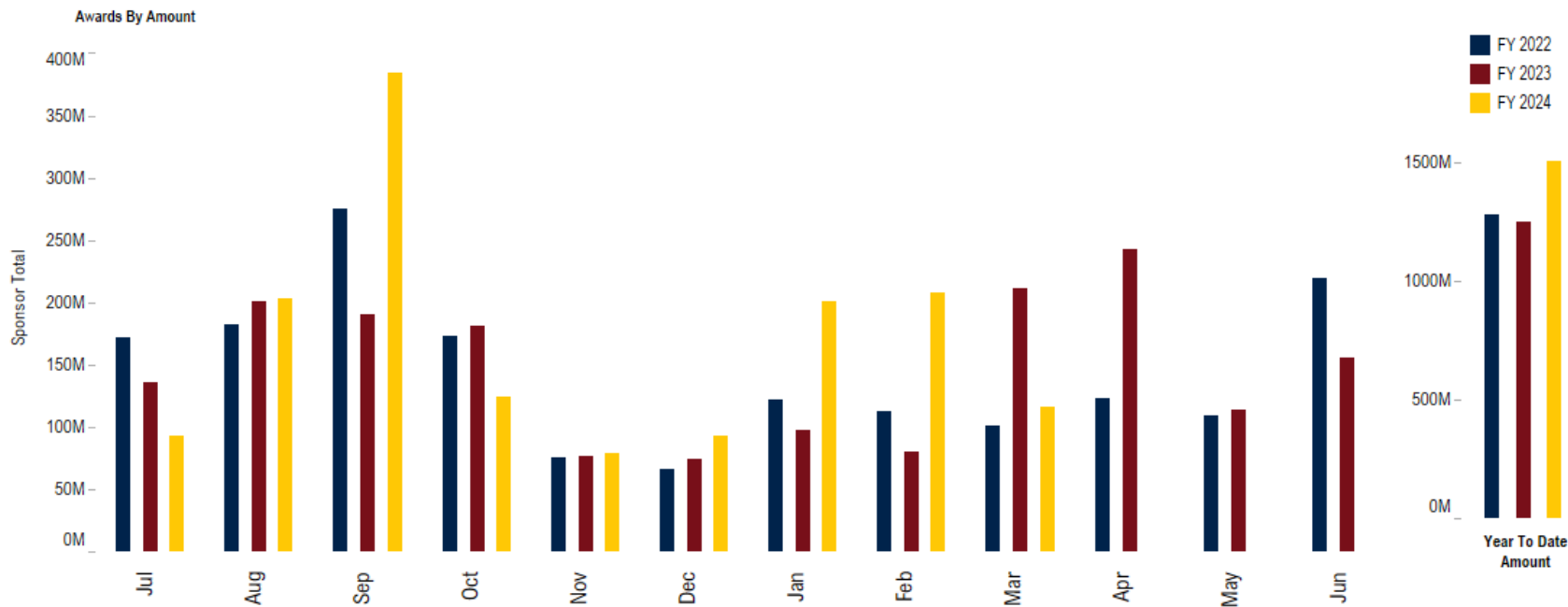
Year to Date

FY22: 2,097

FY23: 2,122

FY24: 2,073

Awards by Amount



Year to Date

FY22: \$1,278,848,400

FY23: \$1,248,438,777

FY24: \$1,502,429,539

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U-M RESEARCH AWARD AND EXPENDITURES REPORT MAY 2024

Top Monthly Awards

Top New Projects (March 2024) - NSF

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
James, Timothy	LSA Ecology & Evolutionary Bio	PurSUIT: Biodiversity exploration and phylogenetic systematics of the zoosporic fungal phylum Blastocladiomycota	National Science Foundation	\$931,753	3.0
Filipov, Evgueni	Civil & Environmental Engr	CLIMA: Nimble, Adaptive, and Reusable Structures (NARS): Systems, Mechanics, and Financing	National Science Foundation	\$899,995	3.0
He, Ping	LSA Molec./Cell./Develop. Bio	OSIB: Co-evolutionary dynamics of pathogen virulence and host resistance: lessons from Fusarium oxysporum-infested cotton fields	National Science Foundation	\$805,666	3.8

Top New Projects (March 2024) - NIH

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Walter, Nils	LSA Chemistry	The RNA nanomachines of gene expression dissected at the single molecule level	Health and Human Services, Department of-National Institutes of Health	\$4,532,417	5.0
Jayasundera, Kanishka	MM Ophthal. & Visual Science	Determining optimal vision care for emotionally distressed patients with inherited retinal diseases	Health and Human Services, Department of-National Institutes of Health	\$3,391,472	5.0
Baker Jr, James	MM Mary H Weiser Food Allergy	University of Michigan MHWFAC CoFar CMC Center Application	Health and Human Services, Department of-National Institutes of Health	\$2,660,000	14.0



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Top Monthly Awards

Top New Projects (March 2024) - DOD

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Bernstein, Dennis	Aerospace Engineering	Retrospective-Predictive Flow Control with Sensor/Actuator Constraints	Defense, Department of-Navy, Department of the	\$1,140,427	3.0
Jorns, Benjamin	Aerospace Engineering	Pulsed Air-Breathing Hall Thruster with a Metal-Fed Cathode	Defense, Department of-Defense Advanced Research Projects Agency	\$999,999	0.8
Pan, Yulin	Naval Arch & Marine Dept	Extreme Value Problems in Naval Hydrodynamics	Defense, Department of-Navy, Department of the	\$650,982	4.0

Top Monthly Awards

Top New Projects (March 2024) - Industry

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Leja, Monika	MM Int Med-Cardiology	A Phase 3, Randomized, Double-blind, Placebo-controlled, Event-driven Study to Demonstrate the Efficacy and Safety of Milvexian, an Oral Factor XIa Inhibitor, After a Recent Acute Coronary Syndrome	Janssen Pharmaceuticals, Inc.	\$6,025,104	3.1
Fick, Chris	UMOR Office of VP for Research	Procter and Gamble Master Agreement, 2024-2029	Procter & Gamble Co.	\$3,750,000	5.0
Coughlin, Lara	MM Psych Substance Abuse	Improving quality of smoking cessation care among special populations	Molina Healthcare, Inc.	\$1,500,000	2.6

Top New Projects (March 2024) - Foundations

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Pienta, Amy	ICPSR - Business and Collectio	Development of the RWJF Health and Medical Care Archive, 2024-2026	Robert Wood Johnson Foundation	\$800,000	2.0
Iwase, Shigeki	MM Human Genetics Department	Soma-to-germline Transformation in Autism Spectrum Disorders?	Simons Foundation	\$300,000	2.0
Purkiss, Ava	LSA Women's and Gender Studies	Race, Gender, and Gynecological Medicine: New Directions Fellowship	The Andrew W. Mellon Foundation	\$300,000	3.3
Hicken, Allen	LSA II: SE Asian Studies	Underrepresented and Marginalized Voices in Southeast Asia	The Henry Luce Foundation, Inc.	\$255,000	3.1