



U-M RESEARCH AWARD AND EXPENDITURES REPORT
MARCH 2024

**Received by the Regents
March 28, 2024**

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

Total research expenditures through the first seven months of FY24 totaled \$1.16 billion, which is up 10.7 percent when compared to January 2023.

The number of research submissions through the first seven months of FY24 was up 10 percent, and the value of those submissions increased 17.1 percent when compared to January 2023.

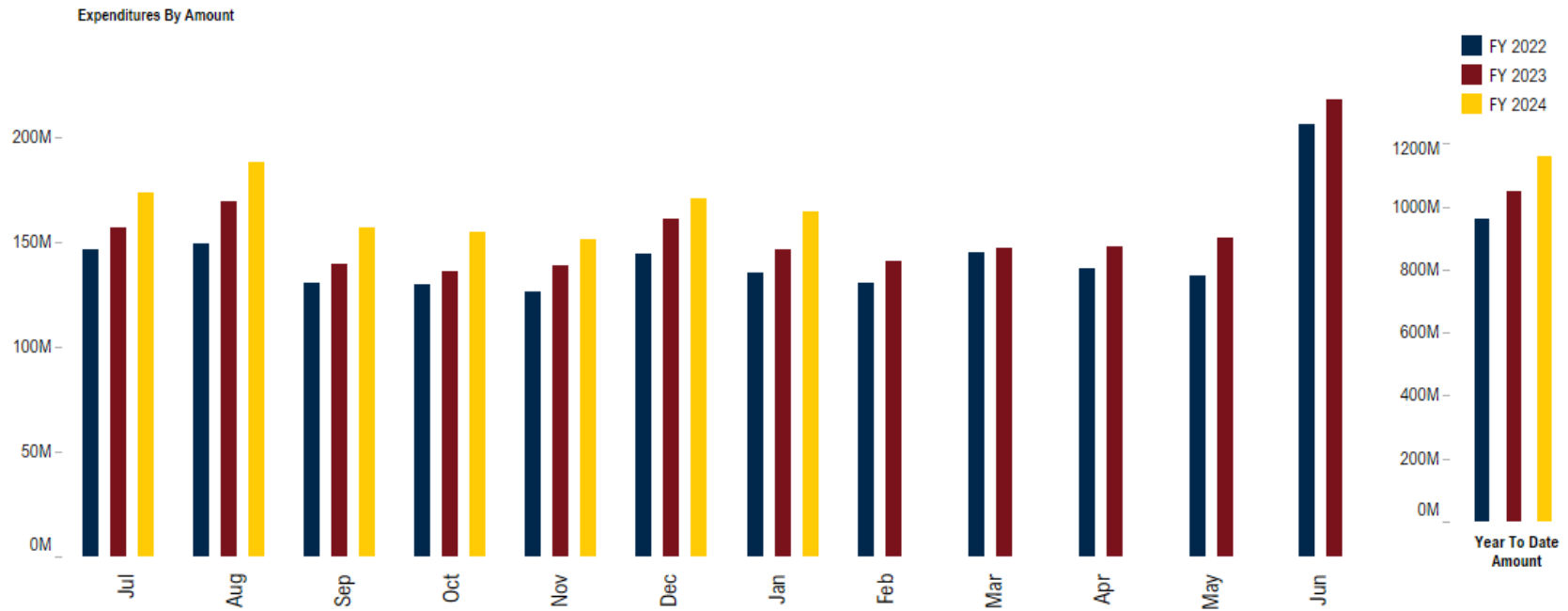
The number of new research awards from external sponsors through the first seven months of FY24 decreased 3 percent, but their value increased 22 percent when compared to January 2023.

Rebecca Cunningham, Vice President for Research and Innovation

Shandra White, Assistant Vice President for Research – Sponsored Projects

Jason Owen-Smith, Executive Director, Research Analysis and Data Integration Office

Expenditures



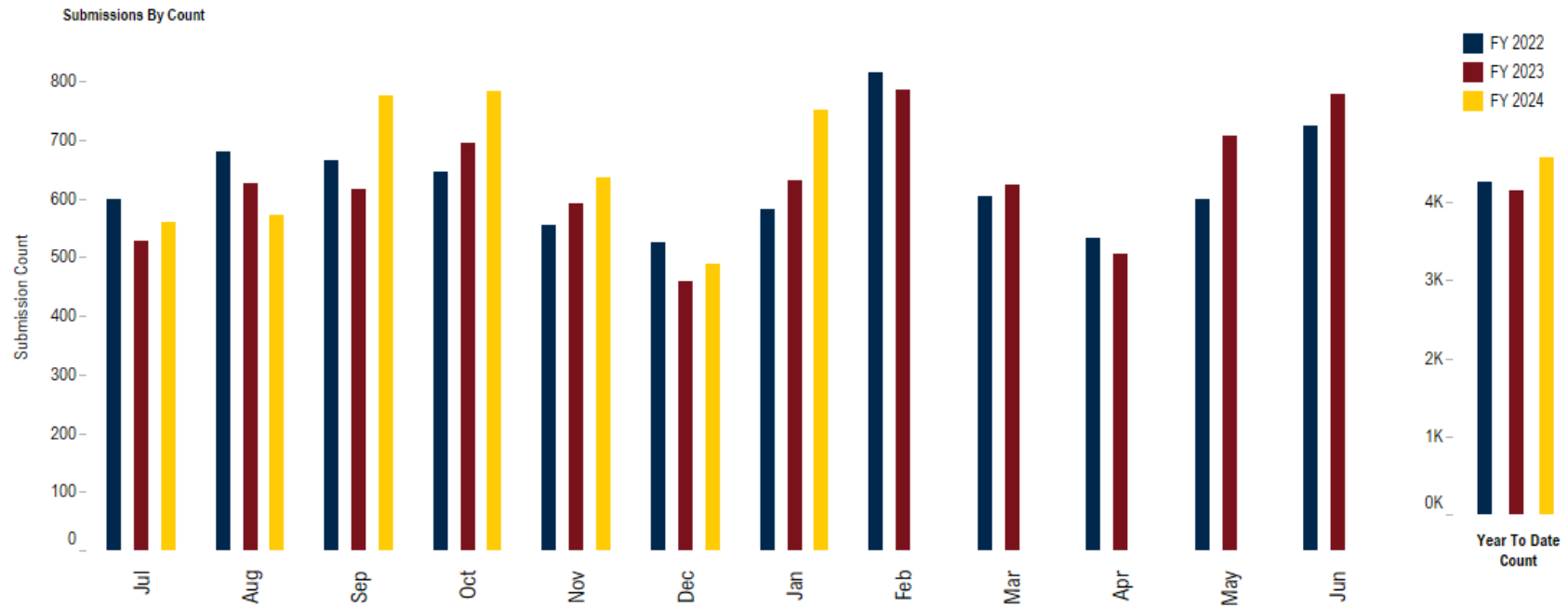
Year to Date

FY22: \$963,372,185

FY23: \$1,049,992,879

FY24: \$1,161,949,474

Submissions by Count



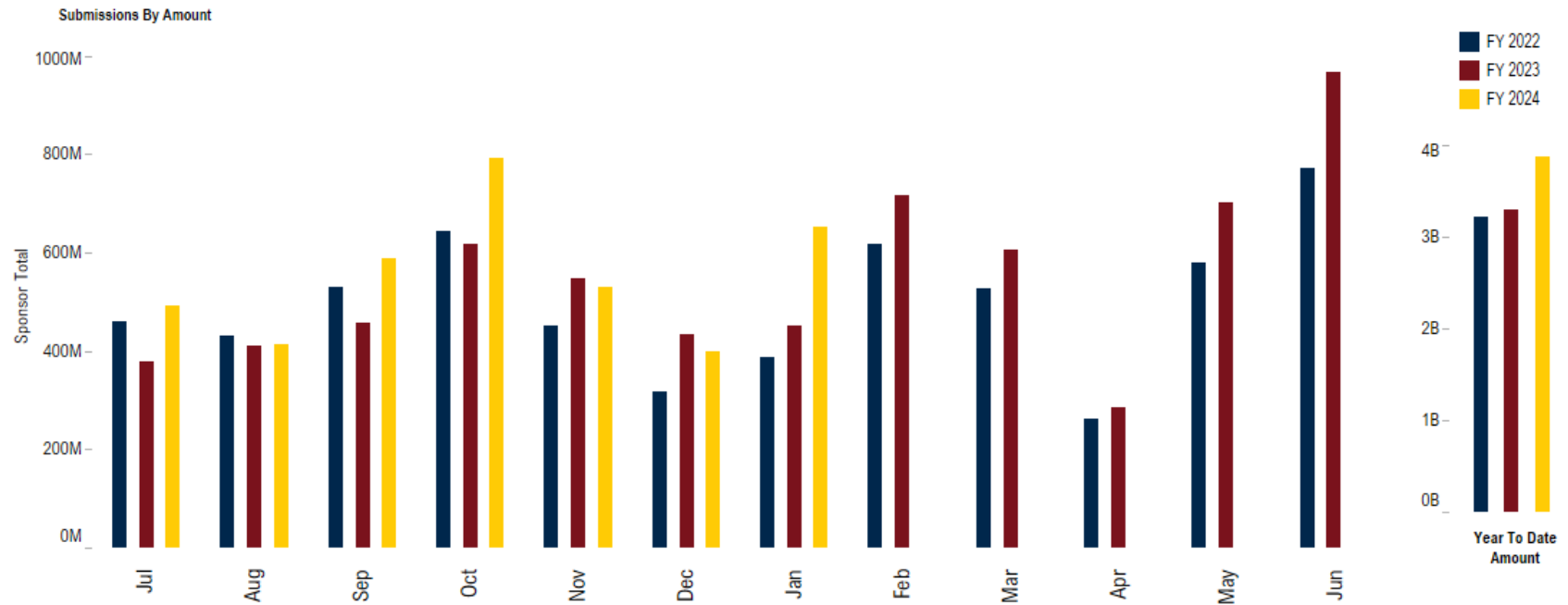
Year to Date

FY22: 4,254

FY23: 4,148

FY24: 4,564

Submissions by Amount



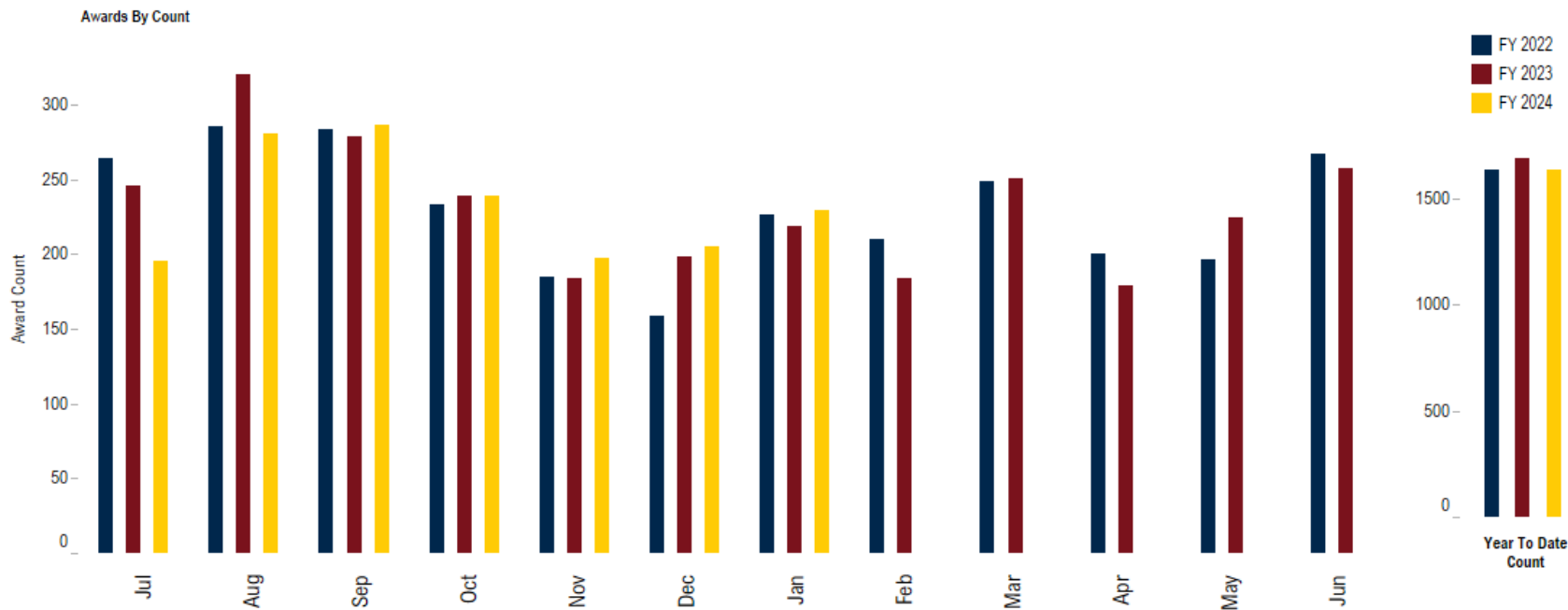
Year to Date

FY22: \$3,221,106,293

FY23: \$3,301,424,932

FY24: \$3,865,488,078

Awards by Count



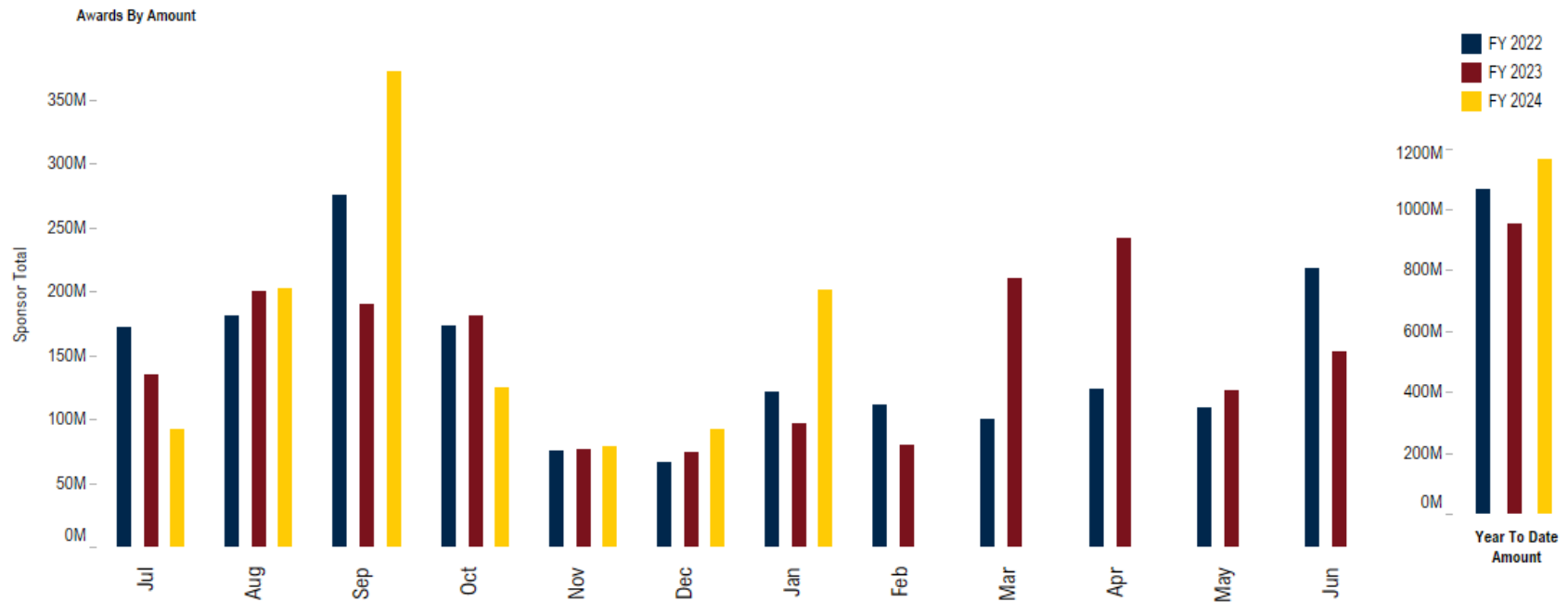
Year to Date

FY22: 1,638

FY23: 1,687

FY24: 1,636

Awards by Amount



Year to Date

FY22: \$1,063,744,147

FY23: \$953,875,085

FY24: \$1,163,288,043

Top Monthly Awards

Top New Projects (January 2024) - NSF

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Jo, Na Hyun	LSA Physics	CAREER: Manipulation of Quantum Materials Through Strain	National Science Foundation	\$753,541	5.0
Love, Nancy	Civil & Environmental Engr	NSF Convergence Accelerator Track K: Advancing equitable and circular water systems through source separation	National Science Foundation	\$650,000	1.0
Balzano, Laura	EECS - ECE - Cspl	CIF: Small: Learning Low-Dimensional Representations with Heteroscedastic Data Sources	National Science Foundation	\$600,000	3.0
Gong, Xiwen	Chemical Engineering Dept	CAREER: Controlling the Deformability of Quantum Dots Solids for Wearable NIR Optoelectronics	National Science Foundation	\$600,000	5.0

Top New Projects (January 2024) - NIH

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Morrissey, James	MM Biological Chemistry Dept	Mechanisms in Blood Clotting	Health and Human Services, Department of-National Institutes of Health	\$6,916,966	7.0
Parker, Stephen	MM Comp Med and Bioinformatics	PanKbase: a community hub for integrated pancreas knowledge	Health and Human Services, Department of-National Institutes of Health	\$3,747,715	4.8
Klasnja, Pedja	School of Information	ADAPT: Enabling robust adaptation in mHealth interventions for supporting maintenance of heart-healthy behaviors	Health and Human Services, Department of-National Institutes of Health	\$3,528,054	5.0



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Top Monthly Awards

Top New Projects (January 2024) - DOD

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Epureanu, Bogdan	CoE Automotive Research Center	Automotive Research Center Phase VI	Defense, Department of-Army, Department of the	\$100,000,000	5.0
He, Zhong	Nuclear Eng & Radiological Sci	3-D Room-Temperature Semiconductor Gamma-Ray Detectors for Higher Sensitivity, Higher-Temperature Operation and Radiography	Defense, Department of-Defense Threat Reduction Agency	\$1,726,588	1.5
Jorns, Benjamin	Aerospace Engineering	Hall Effect Low-altitude Engine with Oxygen-compatible Self-neutralization (HELEOS)	Defense, Department of-Defense Advanced Research Projects Agency	\$1,000,000	1.0

Top Monthly Awards

Top New Projects (January 2024) - Industry

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Seeley, Randy	MM Surgery Department	Mechanisms for biospecific molecules for weight loss	Amgen, Inc.	\$2,100,000	3.0
Wang, Shaomeng	MM Int Med-Hematology/Oncology	Development of novel therapeutic agents	MedSyn Biopharma LLC	\$1,999,999	3.0
Pettit, Kristen	MM Int Med-Hematology/Oncology	A Phase 1/2, open-label, 2-arm study evaluating BLU-263 as monotherapy and in combination with azacitidine, in patients with KIT altered hematologic malignancies	Blueprint Medicines Corporation	\$1,507,952	4.0

Top New Projects (January 2024) - Foundations

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Olsen, Christina	UMMA - Curatorial & Collection	Kingfisher Foundation - Chinese Object Study Workshop	The Kingfisher Foundation	\$883,097	3.5
Peurach, Donald	MARSAL EDUC - Ed Studies	Improvement Scholars Network	Bill and Melinda Gates Foundation	\$370,622	3.0
Cortina, Lilia	LSA Women's and Gender Studies	Program Support	The Andrew W. Mellon Foundation	\$100,000	3.0
Forzani, Francesca	MARSAL EDUC - Teaching Works	Curriculum Literacy Assessment Pilot for Texas Teacher Candidates	The Powell Foundation	\$100,000	2.0