



U-M RESEARCH AWARD AND EXPENDITURES REPORT
MARCH 2025

Received by the Regents
March 20, 2025

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan **through the seventh month of Fiscal Year 2025, which ended Jan. 31.**

Total research expenditures through the seventh month of FY25 totaled \$1.3 billion, which is up 8% when compared to January 2024.

The number of research submissions through the seventh month of FY25 was up 10.4%, and the value of those submissions increased 17.9% when compared to January 2024.

The number of new research awards from external sponsors during the seventh month of FY25 decreased 1.5%, and their value decreased 18.8% when compared to January 2024.

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

Shandra White, Associate Vice President for Research – Sponsored Projects

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



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Some highlights of this month's report include:

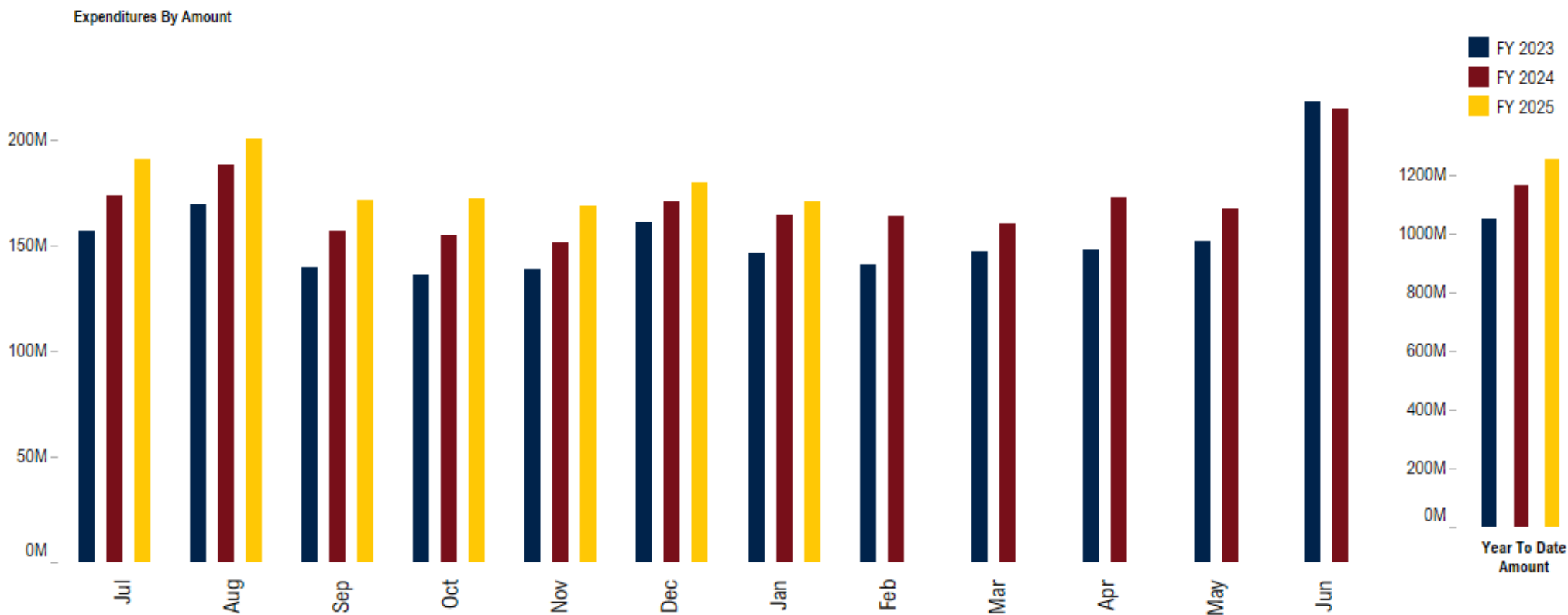
- A \$12.9 million grant from the National Institutes of Health to Briana Mezuk, a faculty associate in the Research Center for Group Dynamics in the Institute for Social Research and a professor of epidemiology in the School of Public Health, for a [research project](#) investigating factors contributing to the **risk of Alzheimer's disease and related dementias** within the Black American population.
- A \$10 million grant from the Charles Stewart Mott Foundation to Luanne Ewald, chief operating officer of C.S. Mott Children's Hospital and Von Voigtlander Women's Hospital, to enable **C.S. Mott Children's Hospital** to [renovate space](#) within the Brandon Neonatal Intensive Care Unit (NICU) and Reese Partlow Pediatric Cardiothoracic Intensive Care Unit (PCTU).
- A \$1 million grant from the National Science Foundation to Mackillo Kira – a professor of electrical engineering and computer science in the College of Engineering, professor of physics in LSA and co-director of the Quantum Research Institute – to support work enabling [quantum-based spectroscopic measurements](#) for real-world applications. The effort includes creating **quantum photonic integrated circuits** required for high-precision measurements in multiple industries, from microelectronics to healthcare.

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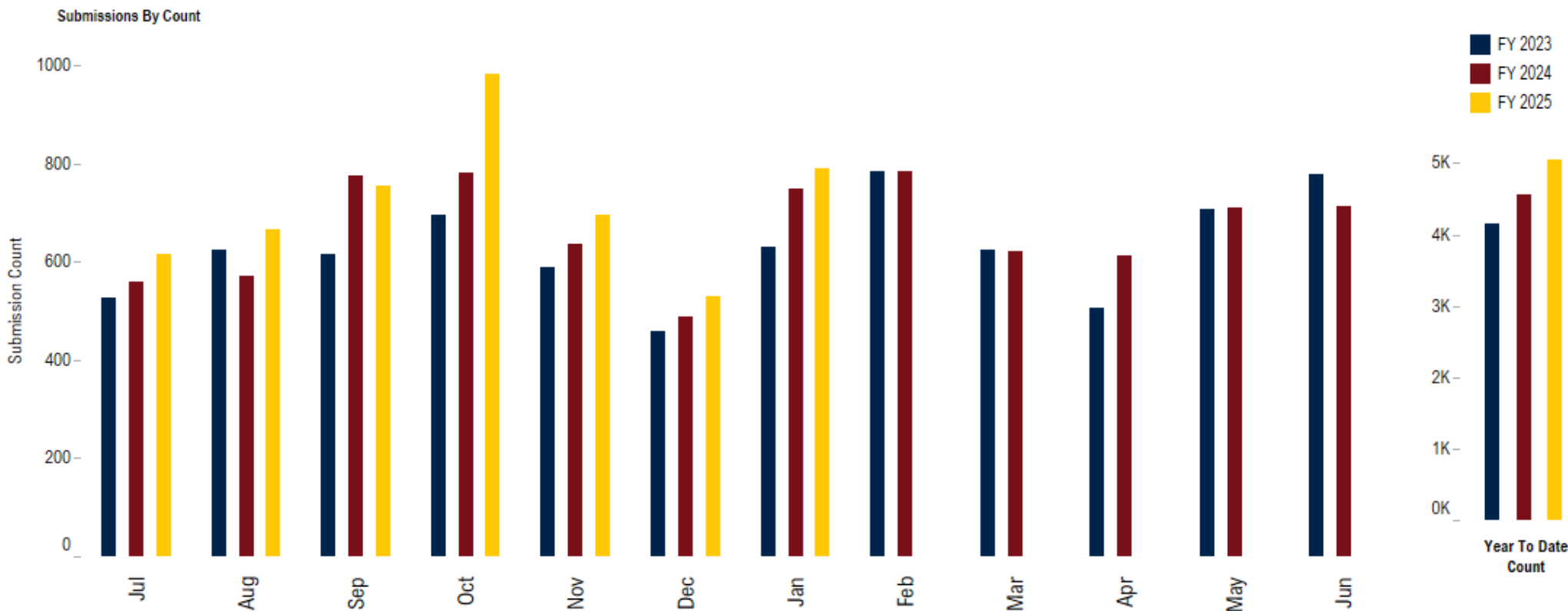
Expenditures



Year to Date

FY23: \$1,049,992,879
 FY24: \$1,161,949,474
 FY25: \$1,255,014,358

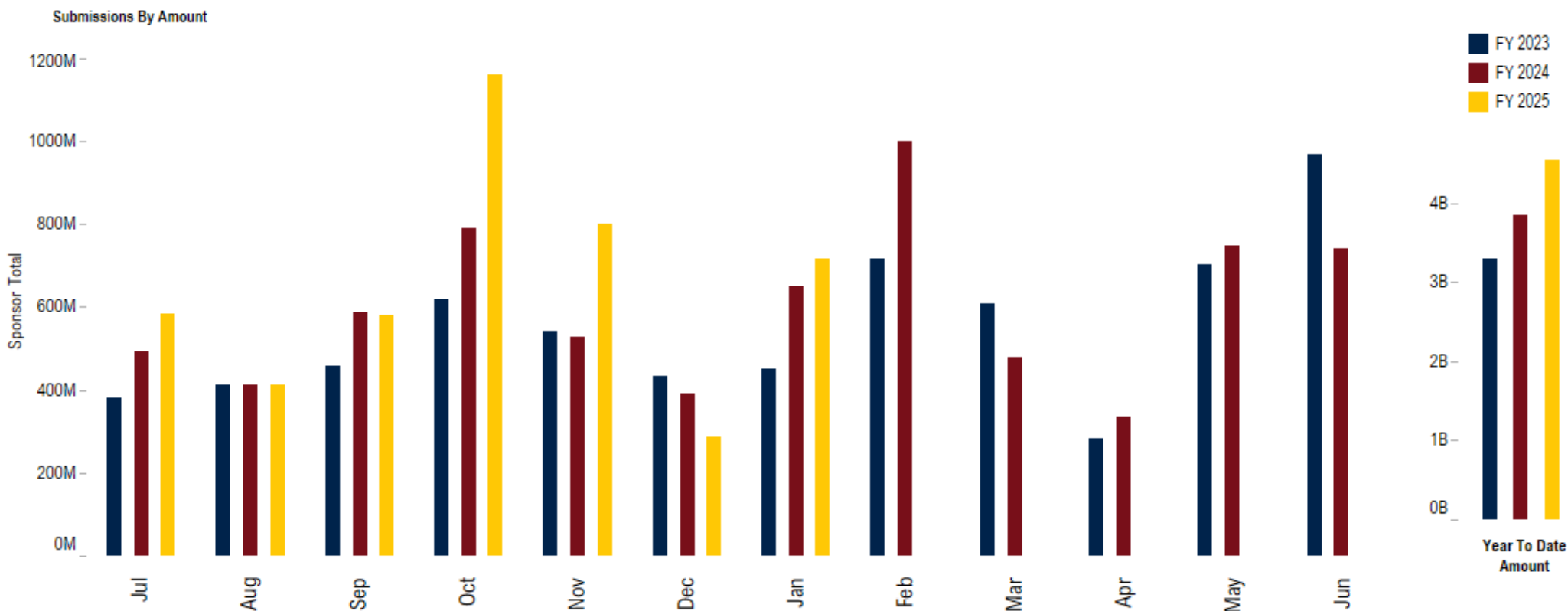
Submissions by Count



Year to Date

FY23: 4,147
FY24: 4,565
FY25: 5,041

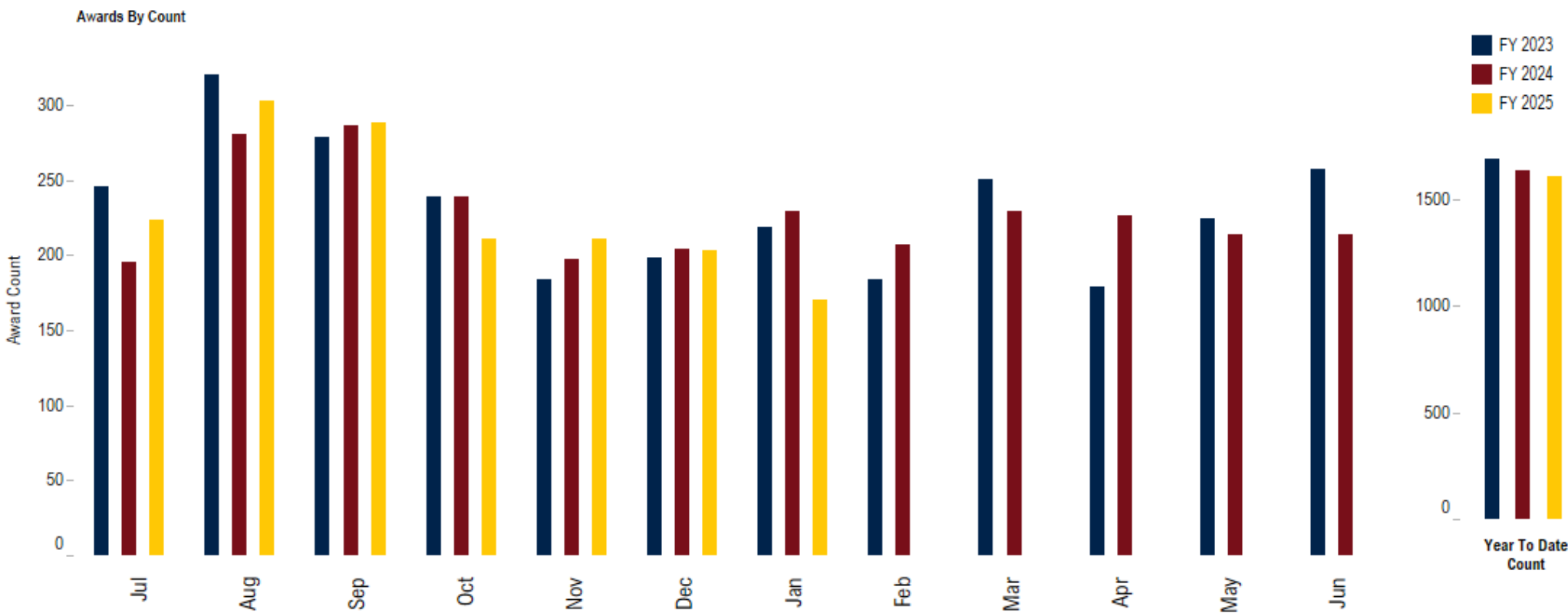
Submissions by Amount



Year to Date

FY23: \$3,296,926,166
 FY24: \$3,851,800,587
 FY25: \$4,541,111,025

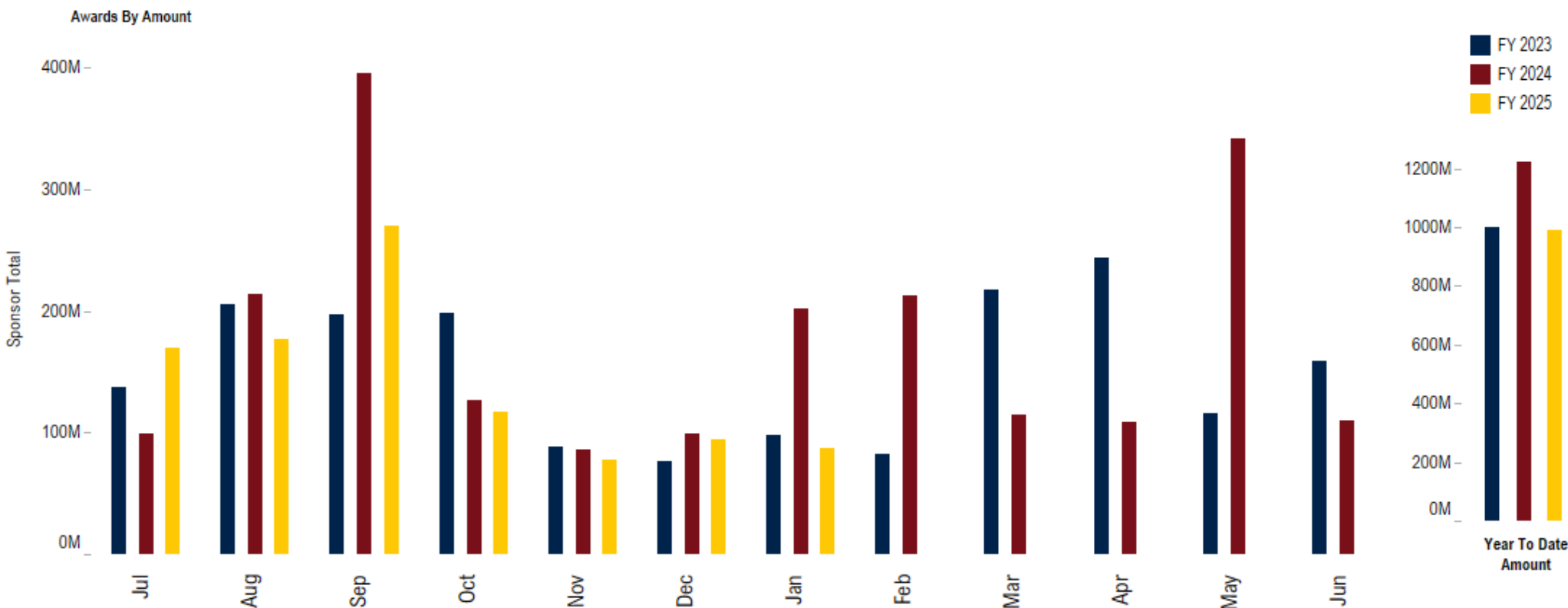
Awards by Count



Year to Date

FY23: 1,687
 FY24: 1,635
 FY25: 1,611

Awards by Amount



Year to Date

FY23: \$1,000,003,398
 FY24: \$1,221,847,357
 FY25: \$991,973,729

Top Monthly Awards

National Science Foundation

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Kira, Mackillo	EECS - ECE - OPT	NQVL:QSTD:Pilot: Quantum Photonic Integration and Deployment (QuPID)	National Science Foundation	\$1,000,000	1.0
Pettie, Seth	EECS - CSE - Theory	AF:Small:Extremal Combinatorics and Analysis of Algorithms.	National Science Foundation	\$600,000	3.0
Zhang, Peng	Nuclear Eng & Radiological Sci	ECLIPSE: Ultrafast photoemission induced non-equilibrium plasmas	National Science Foundation	\$500,000	2.7

National Institutes of Health

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Mezuk, Briana	RCGD-PRBA	ADRD risk and resilience among Black Americans: A 20-year longitudinal study	Health and Human Services, Department of-National Institutes of Health	\$12,932,748	5.0
Moore, Bethany	MM Microbiology and Immunology	Immune crosstalk in lung injury and fibrosis	Health and Human Services, Department of-National Institutes of Health	\$7,428,323	7.0
Gerlach, Lauren	MM Psych - Geriatric	National study of antiepileptic use among patients with dementia in long-term care	Health and Human Services, Department of-National Institutes of Health	\$3,492,950	4.8

Top Monthly Awards

Department of Defense

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Monnier, John	LSA Astronomy	Precision Radiometry for Incoherent Spectral Measurements (PRISM)	Defense, Department of-Air Force, Department of the-Subcontracts	\$1,250,000	5.0
Tuteja, Anish	Materials Science & Engin.	Adaptive Omniphobic Surfaces for Flow and Fouling Control	Defense, Department of-Navy, Department of the	\$750,000	3.0
Gurevich, Yuri	EECS - CSE - Theory	Quantum information: Toward rigor and clarity	Defense, Department of-Army, Department of the	\$443,583	3.0

Department of Energy

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Semrau, Jeremy	Civil & Environmental Engr	Semrau - DOE IPA	Energy, Department of	\$277,691	1.0

Top Monthly Awards

Industry

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Gudjonsson, Johann	MM Dermatology Department	Bimekizumab study in Psoriasis and Psoriatic Arthritis-Mechanistic	UCB Biosciences, Inc.	\$1,666,165	2.9
Burke, Patrick	MM Int Med-Hematology/Oncology	Phase 1 study of venetoclax/azacytidine or venetoclax in combination with ziftomenib (KO-539) or standard induction cytarabine/daunorubicin (7+3) chemotherapy in combination with ziftomenib for the treatment of patients with acute myeloid leukemia	Kura Oncology, Inc.	\$865,460	5.0
Bixby, Dale	MM Int Med-Hematology/Oncology	A Phase 1, Open-label, Dose-escalation, and Dose-expansion Study to Evaluate Safety, Tolerability, and Clinical Activity of SNDX-5613 in Combination with Intensive Chemotherapy in Participants with Newly Diagnosed Acute Myeloid Leukemias Harboring Alterations in Lysine-specific..	Syndax Pharmaceuticals, Inc	\$420,598	5.8

Foundations

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Ewald, Luanne	MM CW Mott Administration	Charles Stewart Mott Children's Hospital NICU Relocation/PCTU Expansion	Charles Stewart Mott Foundation	\$10,000,000	2.0
Morgan, Demetri	MARSAL EDUC - CSHPE	Equity as Fiduciary Duty: Fortifying the board's role as the cornerstone of DEI, democratic values, and academic freedom in higher education	ECMC Foundation	\$144,082	1.0
West, Junior	LSA Molec./Cell./Develop. Bio	Unravelling the effects of Claudin deficiency on tumor invasion and metastasis	Emerald Foundation, Inc.	\$100,000	1.0