



U-M RESEARCH AWARD AND EXPENDITURES REPORT
SEPTEMBER 2025

Received by the Regents
September 18, 2025

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan **through the first month of Fiscal Year 2026, which ended July 31.**

Total research expenditures through the first month of FY26 totaled \$192 million, which is up 0.6% when compared to July 2024.

The number of research submissions through the first month of FY26 was up 2.6%, and the value of those submissions increased 4.6% when compared to July 2024.

The number of new research awards from external sponsors during the first month of FY26 increased 10.7%, and their value decreased 16.9% when compared to July 2024.

Arthur Lupia, Vice President for Research and Innovation

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 \$19 million grant from The Marcus Foundation to Cynthia Chestek, professor of biomedical engineering, electrical engineering and computer science, and robotics, [to design and build](#) a durable, wireless brain-computer interface that can restore speech in aphasic stroke patients. **This interface will use tiny carbon-fiber electrodes and micro-computers to reliably record and transmit brain signals, paving the way for long-lasting communication recovery.**
- A \$10 million grant from the National Science Foundation to Jason Owen-Smith, executive director of the Institute for Research on Innovation and Science and associate vice president for research, Institutional Capabilities & Research Intelligence (IRIS), [to expand the "Industries of Ideas" initiative](#), which will **develop people-centered data infrastructure to link federal research investments with local jobs and workforce skills through advanced analytics.**
- A \$3.4 million grant from the National Institutes of Health to Rachel L. Zemans, professor in internal medicine — Pulmonary/Critical Care, [to investigate](#) the mechanisms underlying impaired epithelial regeneration and the development of lung fibrosis following silica dust inhalation. **The research aims to uncover how deficiencies in epithelial repair processes drive fibrotic scarring and inform new therapeutic strategies to restore lung function and prevent chronic respiratory disease.**

Arthur Lupia, Vice President for Research and Innovation

Shandra White, Associate Vice President for Research – Sponsored Projects

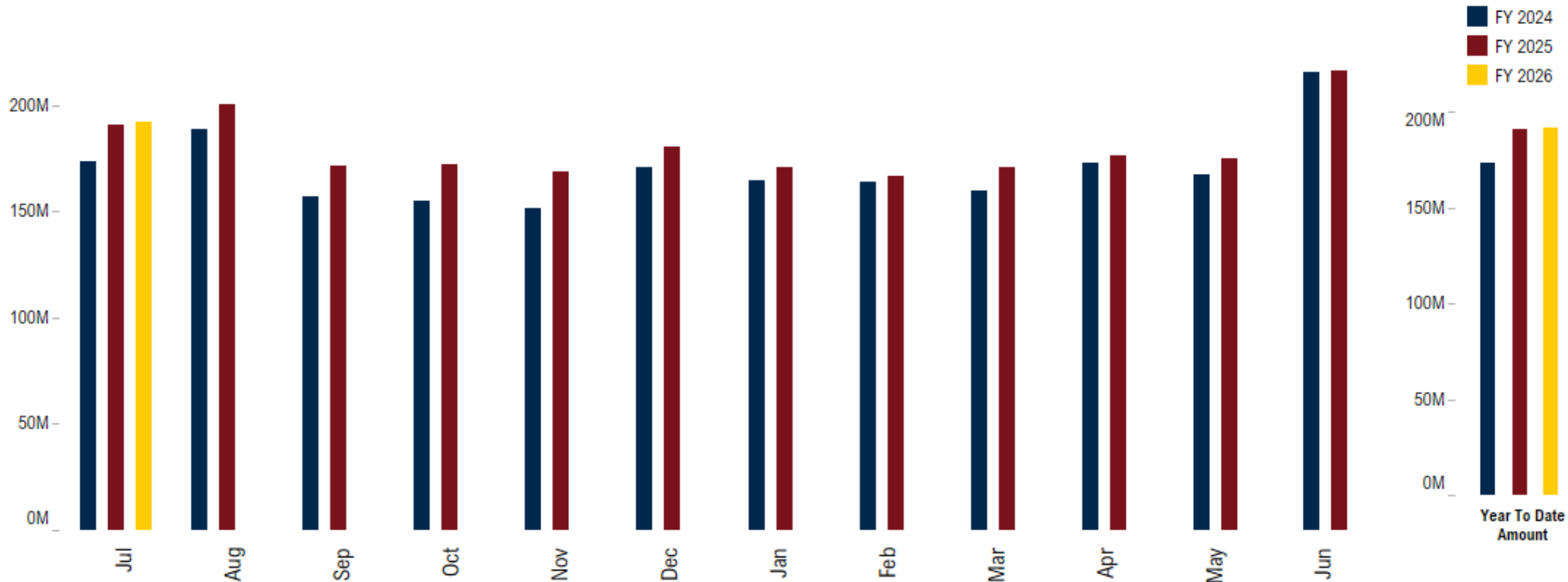
Jason Owen-Smith, Associate Vice President for Research – Institutional Capabilities and Research Intelligence

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Expenditures

Expenditures By Amount



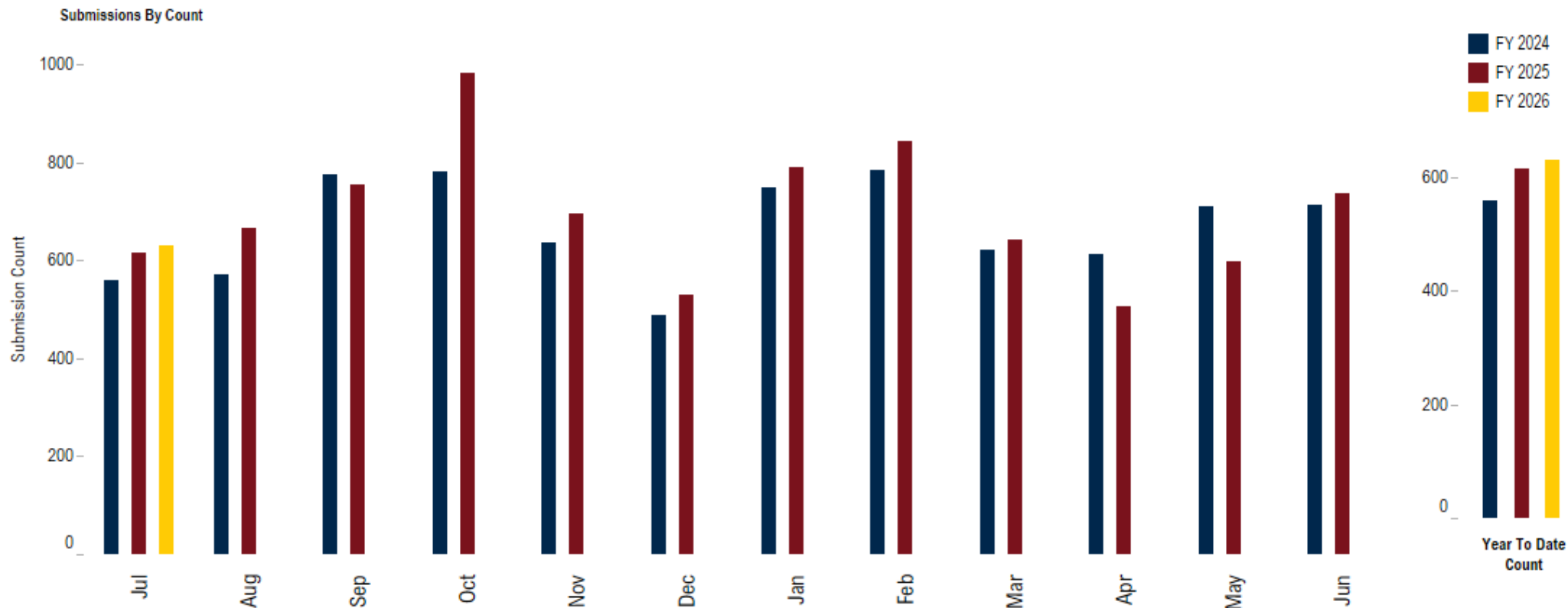
Year to Date

FY24: \$173,863,421

FY25: \$191,067,066

FY26: \$192,203,854

Submissions by Count



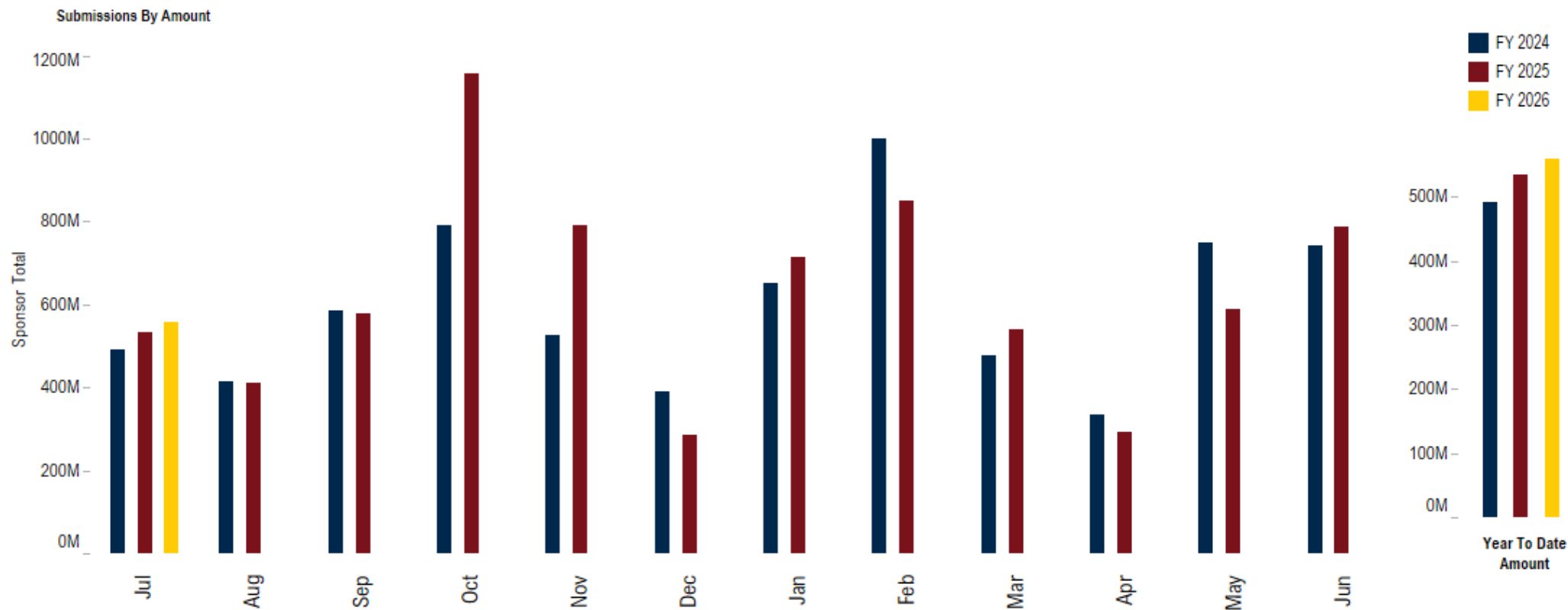
Year to Date

FY24: 559

FY25: 616

FY26: 632

Submissions by Amount



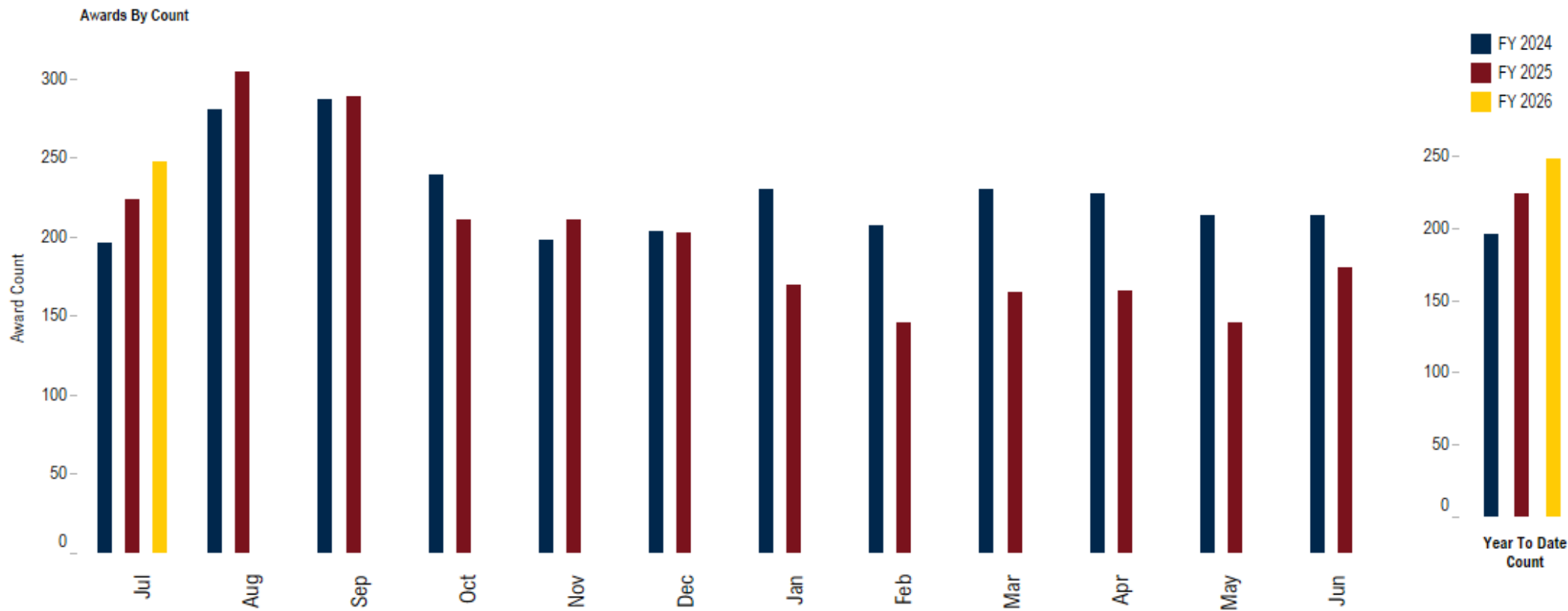
Year to Date

FY24: \$492,506,770

FY25: \$533,619,807

FY26: \$558,359,604

Awards by Count



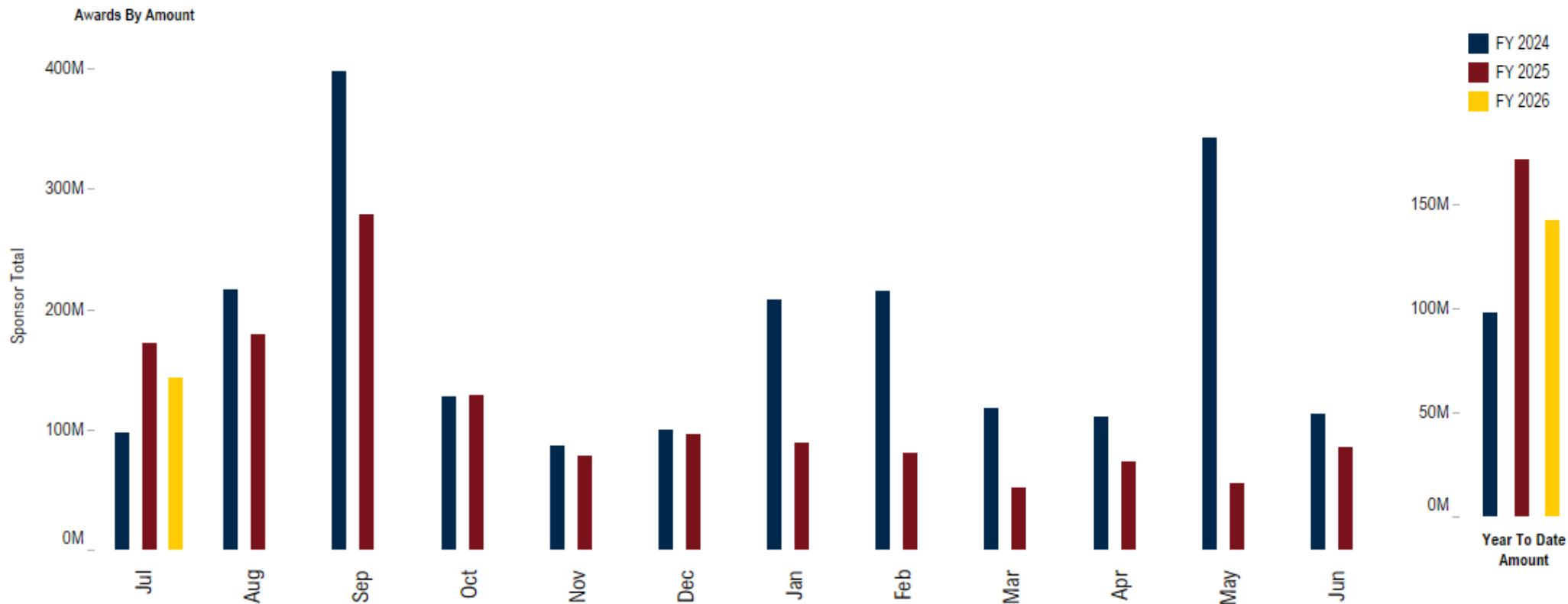
Year to Date

FY24: 196

FY25: 224

FY26: 248

Awards by Amount



Year to Date

FY24: \$97,900,617

FY25: \$171,629,848

FY26: \$142,663,701



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Top Monthly Awards

National Science Foundation

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Owen-Smith, Jason	SRC-Innovation, Netwks&Kn..	Expanding the Industries of Ideas: Understanding the link between research investments, jobs, and skills	National Science Foundation	\$10,024,230	3.0
Levenstein, Maggie	ICPSR-Director's Office	Research Infrastructure: Leveraging the Research Data Ecosystem for ICPSR's Comprehensive Data Archive	National Science Foundation	\$1,753,908	1.0
Chowdhury, Mosharaf	EECS - CSE - SYSTEMS	Collaborative Research: DESC: Type II: LoCarb: Low Carbon Computing with Intelligent Tiered Memory	National Science Foundation	\$1,000,000	4.0
Tilbury, Dawn	CoE Robotics	IUCRC Phase I University of Michigan: Center for Digital Twins in Manufacturing (CDTM)	National Science Foundation	\$1,000,000	5.0

National Institutes of Health

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Collins, Kathleen	MM OPSET	Michigan Medical Scientist Training Program 2025-2030	Health and Human Services, Department of-National Institutes of Health	\$7,525,310	5.0
Cai, Dawen	MM Cell & Developmntl Biology	Scalable high-plex pipeline for whole-brain proteomics profiling	Health and Human Services, Department of-National Institutes of Health	\$5,050,575	3.0
Zemans, Rachel	MM Int Med-Pulm./Critical Care	Mechanisms of Impaired Epithelial Regeneration and Fibrosis After Silica Dust Inhalation	Health and Human Services, Department of-National Institutes of Health	\$3,476,977	4.8



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Top Monthly Awards

Department of Defense

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Kemp, Stephen	MM Plastic Surgery Section	Exoskeleton Control with the Muscle Cuff Regenerative PeripheralNerve Interface (MC-RPNI) for Restoring Lower Limb Function Following TraumaticMusculoskeletal Injury	Defense, Department of-Defense Health Agency	\$2,477,715	4.0
Fowlkes, J	MM Department of Radiology	Ultrasound-Based Volume Blood Flow Index Monitoring for the Assessment of Cerebral Autoregulation	Defense, Department of-Army, Department of the	\$1,474,293	4.0
Tessier, Peter	PHARMACY Pharmaceutical Sci	Systemically Administered Bispecific Antibodies that Activate Neurotrophin Receptors for Treating Noise-Induced Inner Ear Damage	Defense, Department of-Defense Health Agency	\$1,170,000	3.0



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Top Monthly Awards

Industry

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Krauss, John	MM Int Med-Hematology/Oncology	A Randomized, Open-label Phase 3 Study of Amivantamab and mFOLFOX6 or FOLFIRI Versus Cetuximab and mFOLFOX6 or FOLFIRI as First-line Treatment in Participants With KRAS/NRAS and BRAF Wild-type Unresectable or Metastatic Left-sided Colorectal Cancer	Janssen Pharmaceuticals, Inc.	\$1,868,955	4.9
Hemphill, Libby	ICPSR-Business and Collectio	ICPSR-SOMAR-Meta-SOW#4-Transition Services	Meta Platforms, Inc. (META)	\$1,800,000	0.5
Karimi, Yasmin	MM Int Med-Hematology/Oncology	A PHASE 1 STUDY OF IM-1021 IN PARTICIPANTS WITH ADVANCED MALIGNANCIES	Immunome, Inc.	\$1,014,777	4.0

Foundations

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Chestek, Cynthia	Biomedical Engineering	A New Durable Brain-Computer Interface for Restoring Speech in Aphasic Stroke	The Marcus Foundation	\$18,800,000	5.0
Bohnen, Nicolaas	MM Department of Radiology	Phase 2 Trial of Tributyrin in people with Parkinson's disease and cognitive impairments	Farmer Family Foundation	\$1,466,681	2.0
Gearhardt, Ashley	LSA Psychology	Refining Our Understanding of Addictive Ultra-Processed Products: Public Opinion and Categorization	Dohmen Company Foundation Inc	\$925,000	1.9