



U-M RESEARCH AWARD AND EXPENDITURES REPORT
SEPTEMBER 2024

**Received by the Regents
September 19, 2024**

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 2025, which ended July 31.

Total research expenditures through the first month of FY25 totaled \$191 million, which is up 9.9% when compared to July 2023.

The number of research submissions through the first month of FY25 was up 10.2%, and the value of those submissions increased 32.9% when compared to July 2023.

The number of new research awards from external sponsors during the first month of FY25 increased 14.3%, and their value increased 72.3% when compared to July 2023.

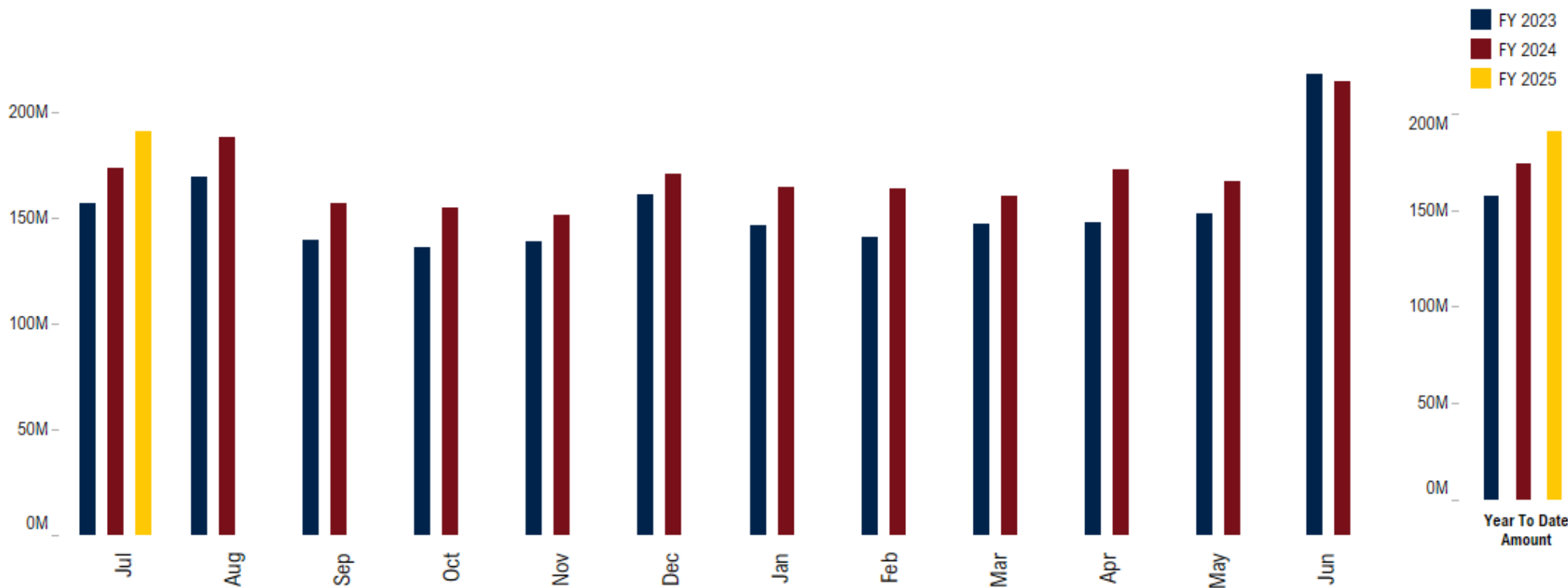
Arthur Lupia, Vice President for Research and Innovation (interim)

Shandra White, Assistant Vice President for Research – Sponsored Projects

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

Expenditures

Expenditures By Amount



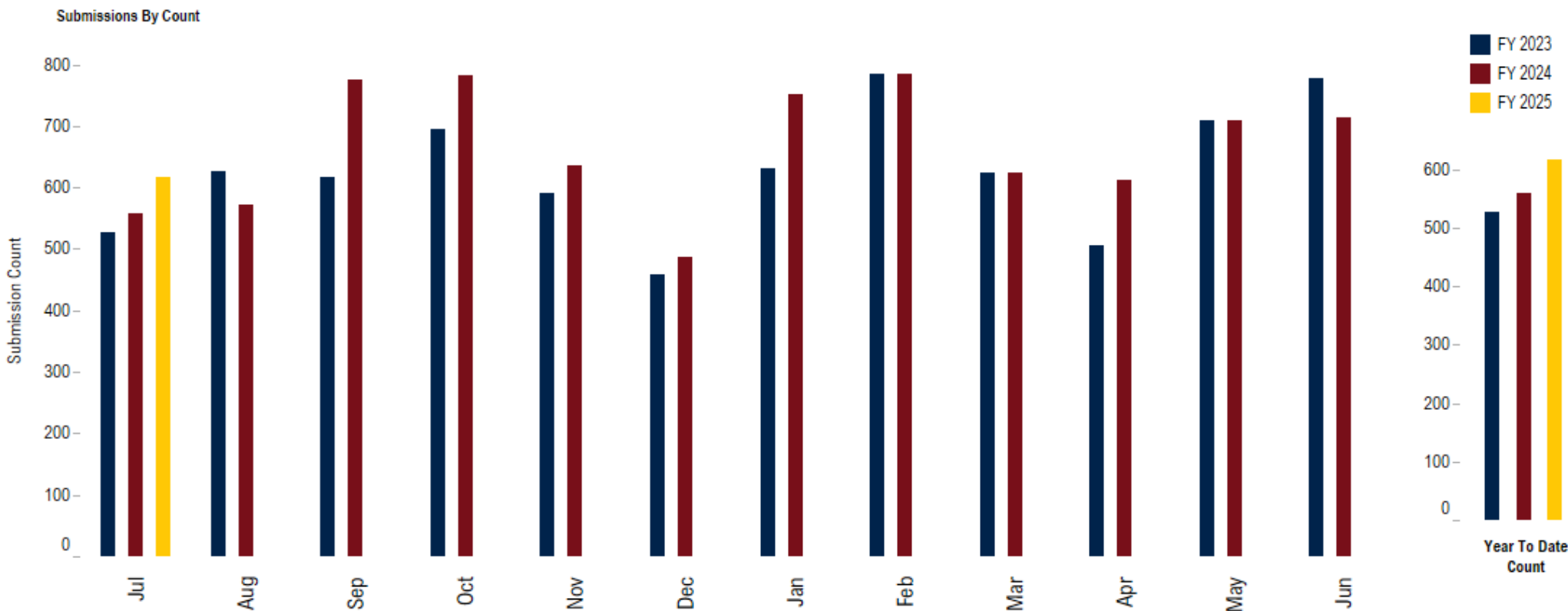
Year to Date

FY23: \$156,976,696

FY24: \$173,863,421

FY25: \$191,067,066

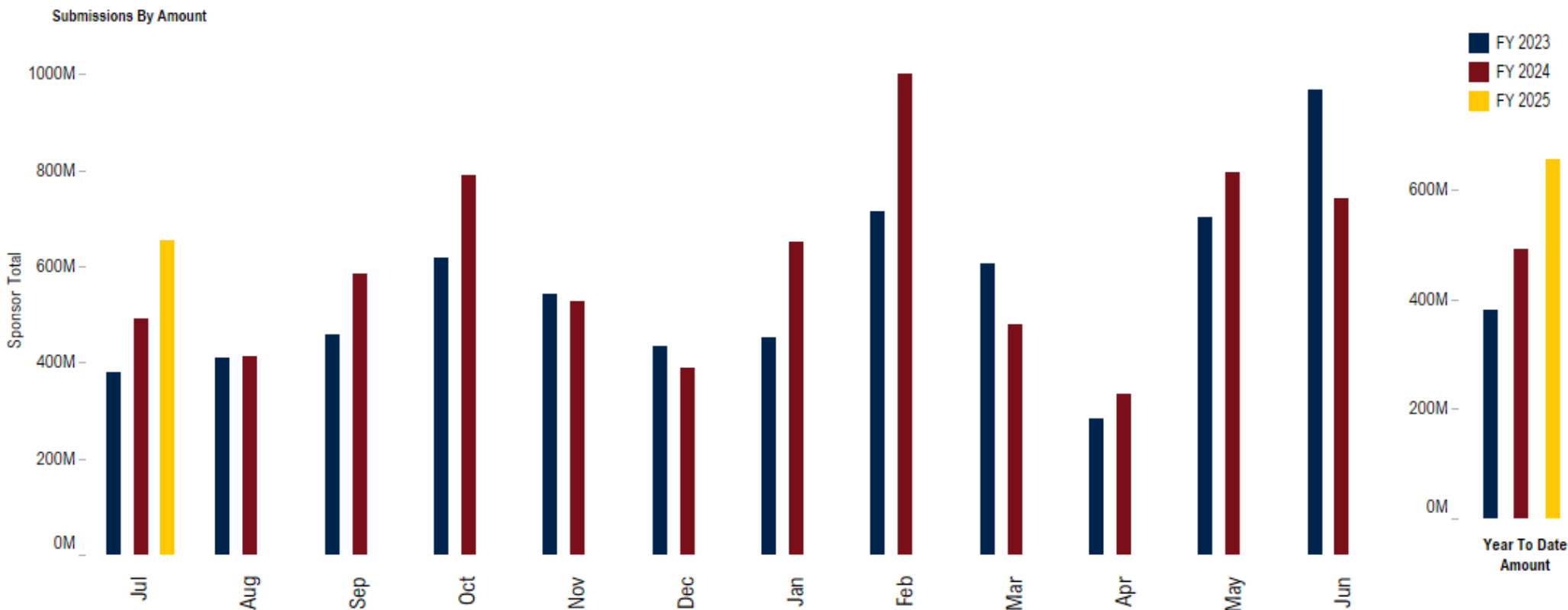
Submissions by Count



Year to Date

FY23: 528
FY24: 559
FY25: 616

Submissions by Amount



Year to Date

FY23: \$379,747,688
 FY24: \$492,902,979
 FY25: \$655,216,271

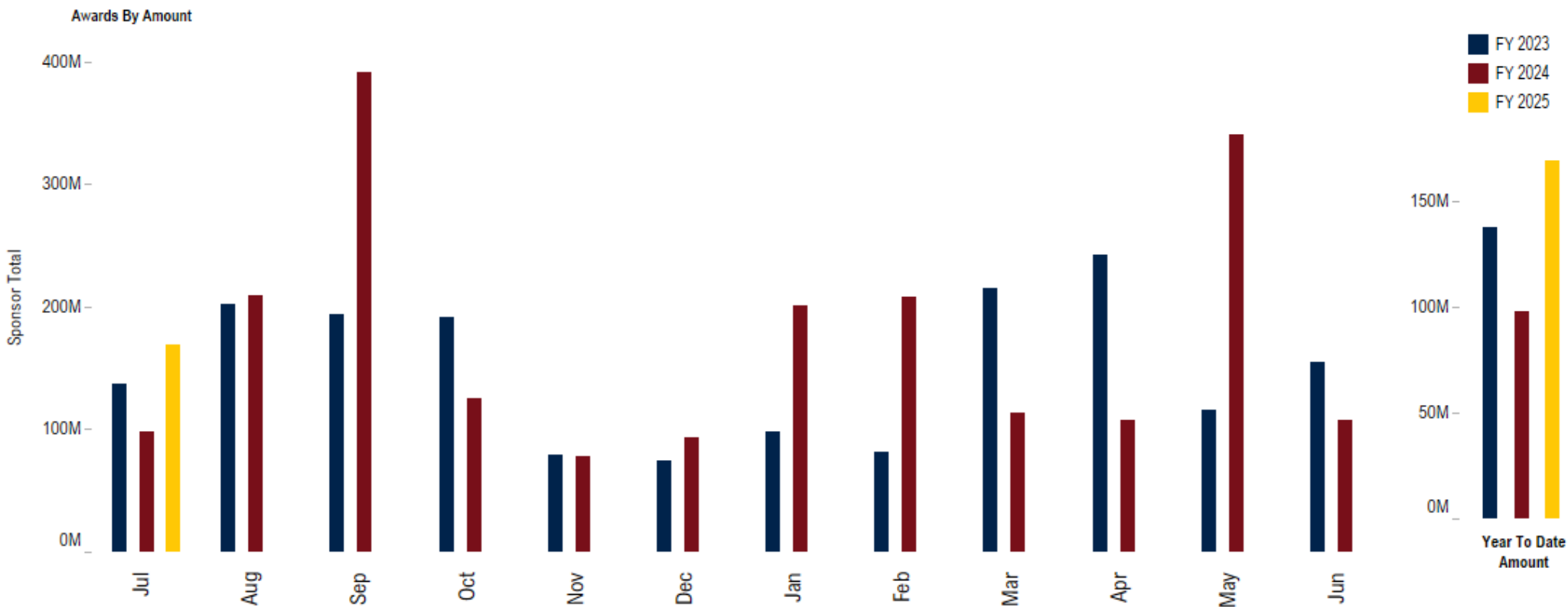
Awards by Count



Year to Date

FY23: 246
 FY24: 196
 FY25: 224

Awards by Amount



Year to Date

FY23: \$137,460,458
 FY24: \$97,974,130
 FY25: \$168,774,190

Top Monthly Awards

National Science Foundation

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Wang, Xu	EECS - CSE - IS	SCH: Multimodal Techniques to Enhance Intra- and Post-operative Learning and Coordination between Attending and Resident Surgeons	National Science Foundation	\$1,200,000	4.0
Nandakumar, Jayakrishnan	LSA Molec./Cell./Develop. Bio	Molecular mechanism of telomere maintenance in Caenorhabditis elegans	National Science Foundation	\$1,000,000	4.0
Wooldridge, Margaret	Mechanical Engineering	RAISE: CET: Changing our value system for clean-energy technologies	National Science Foundation	\$998,995	3.0

National Institutes of Health

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Bohnert, Amy	MM Anesthesiology Department	COMPASS: A comprehensive mobile precision approach for scalable solutions in mental health treatment	Health and Human Services, Department of-National Institutes of Health	\$17,927,886	4.8
Neumar, Robert	MM Emergency Medicine Research	Emergency Medicine Research Career Development Program in the Neurological Sciences (EMRCDP-NS)	Health and Human Services, Department of-National Institutes of Health	\$11,402,142	10.2
Eniola-Adefeso, Lola	Chemical Engineering Dept	Humanity Unlocking Biomaterials (HUB) Coordinating Center	Health and Human Services, Department of-National Institutes of Health	\$10,535,694	5.0

Top Monthly Awards

Department of Defense

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Liu, Henry	Civil & Environmental Engr	QUASAR: Quantified Uncertainty Anchors for Same-Day Autonomy and Rapid Transfer through Dense Learning	Defense, Department of-Defense Advanced Research Projects Agency	\$3,137,298	3.0
Eckner, James	MM PM&R	TP230051: A data-driven approach to individualized concussion risk prediction in US Service Academy cadets and midshipmen	Defense, Department of-Army, Department of the	\$731,980	3.0
Wu, Connie	Life Sciences Institute-Admin	Ultrasensitive Detection of a "Binary" Blood Biomarker for Endometrial Cancer	Defense, Department of-Army, Department of the	\$587,862	2.0

Department of Energy

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Sun, Xiaodong	Nuclear Eng & Radiological Sci	CFA-24-31644; Experimental Study and Computational Modeling of P-LOFC and D-LOFC Accidents in the Fast Modular Reactor Consisting of Silicon Carbide C	Energy, Department of	\$1,100,000	3.2
Verma, Aditi	Nuclear Eng & Radiological Sci	CFA-24-32013; Developing place-based understandings of respectful community engagement for consent-based siting	Energy, Department of	\$1,100,000	3.2
Jovanovic, Igor	Nuclear Eng & Radiological Sci	CFA-24-31374; Measurement of Time-Dependent Transmissivity of Materials for Optical Sensors and Instrumentation	Energy, Department of	\$800,000	3.2
Zuo, Lei	Naval Arch & Marine Dept	2025 MECC Marine Energy Collegiate Competition	Energy, Department of	\$5,000	1.0

Top Monthly Awards

Industry

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Malek, Sami	MM Int Med-Hematology/Oncology	A Global Multicenter, Open Label, Randomized Phase 3 Registrational Study of Lisoftoclax (APG-2575) in Previously Treated Patients with Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma (GLORA Study)	Ascentage Pharma Group Inc.	\$2,135,240	8.0
Pettit, Kristen	MM Int Med-Hematology/Oncology	A Phase 3, Randomized, Active-Comparator-Controlled Clinical Study to Evaluate the Safety and Efficacy of Bomedemstat (MK-3543/IMG-7289) versus Best Available Therapy (BAT) in Participants With Essential Thrombocythemia who have an Inadequate Response to or are Intolerant of Hydroxyurea.	Merck Sharp & Dohme LLC (fka Merck Sharp & Dohme Corp.)	\$1,260,224	5.0
Swiecicki, Paul	MM Int Med-Hematology/Oncology	A Phase 1b/2, Open-label Study of Amivantamab Monotherapy and Amivantamab in Addition to Standard of Care Therapeutic Agents in Participants with Recurrent/Metastatic Head and Neck Squamous Cell Carcinoma	Janssen Research and Development, LLC	\$1,004,607	4.0

Foundations

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Syal, Sita	Mechanical Engineering	Critical Mineral Mine Expansion Pathways in the United States: Studying the Impacts on Local Communities and Electric Vehicle Manufacturers	Sloan, Alfred P., Foundation	\$500,000	3.0
Clemetson, Lynette	Wallace House	Joyce Foundation - Great Lakes Local News Fellowship	Joyce Foundation	\$280,000	2.0
Price, Melynda	UMOR Inst Resrch Women&Gender	The Monument Workshop - UKRF Subcontract	The Andrew W. Mellon Foundation	\$231,045	3.0