

The University of Michigan Regents Communication

Item for Information

Research Award and Expenditure Report

Background and Summary

Attached is the October 2026 Research Award and Expenditure Report, prepared by the Office of the Vice President for Research. This item is provided for information and does not request action by the Board of Regents.

- **Year-to-date activity** includes \$407.8 million in research expenditures, with expenditures, proposal submissions and the number of new awards running ahead of last year and new-award dollars behind.
- **Month-by-month charts** compare research expenditures, proposal submissions and new awards across fiscal years 2025, 2026 and 2027.
- **Top August awards** identify major new awards by sponsor category, including federal agencies, industry and foundations.

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan through the second month of Fiscal Year 2027, which ended August 31, 2026.

Respectfully submitted:



Patricia D. Hurn

Interim Vice President for Research and Innovation

October 2026

UNIVERSITY OF MICHIGAN

Office of the Vice President for Research
Regents Communication

Research Award and Expenditure Report

October 2026

Prepared by the Office of the Vice President for Research
Fiscal Year 2027, Through Month 2 (ended August 31, 2026)

Report Contacts

Patricia D. Hurn, Interim Vice President for Research and Innovation

Shandra White, Assistant Vice President for Research, Sponsored Projects

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

Overview

This report summarizes overall trends in grant and contract activity across all three campuses of the University of Michigan **through the second month of Fiscal Year 2027, which ended August 31, 2026.**

\$408M

Total research expenditures, YTD FY2027
(through August 31, 2026)

▲ 2.4%

Research expenditures up vs. prior year

▲ 17.7%

Number of research submissions up vs. prior
year

▲ 41.9%

Value of those submissions up vs. prior year

▼ 8.7%

Value of new research awards down vs. prior
year

▲ 2.4%

Number of new research awards up vs. prior
year

Highlights This Month

\$1.4 Million · National Science Foundation

Awarded to Ivette Perfecto, the Bunyan Bryant Collegiate Professor of Environmental Justice in the School for Environment and Sustainability, to [untangle](#) how ants, their predators and the pests they keep in check arrange themselves across a coffee farm, and what that means for growing coffee without pesticides. Her three decades of fieldwork on a farm in Puerto Rico have shown that the insects farmers rely on for natural pest control rise and fall in patterns bordering on chaos, making the timing of that free service far harder to predict than textbook ecology suggests.

\$3.4 Million · National Institutes of Health

Awarded to Sarah Reeves, associate professor of pediatrics in the Medical School and of epidemiology in the School of Public Health, to [examine](#) whether children with sickle cell disease get dental care early enough to head off serious complications. Her team's recent study found that fewer than half of Michigan children with the disease on Medicaid saw a dentist in a year, even though mouth infections can trigger the painful crises that send these children to the hospital.

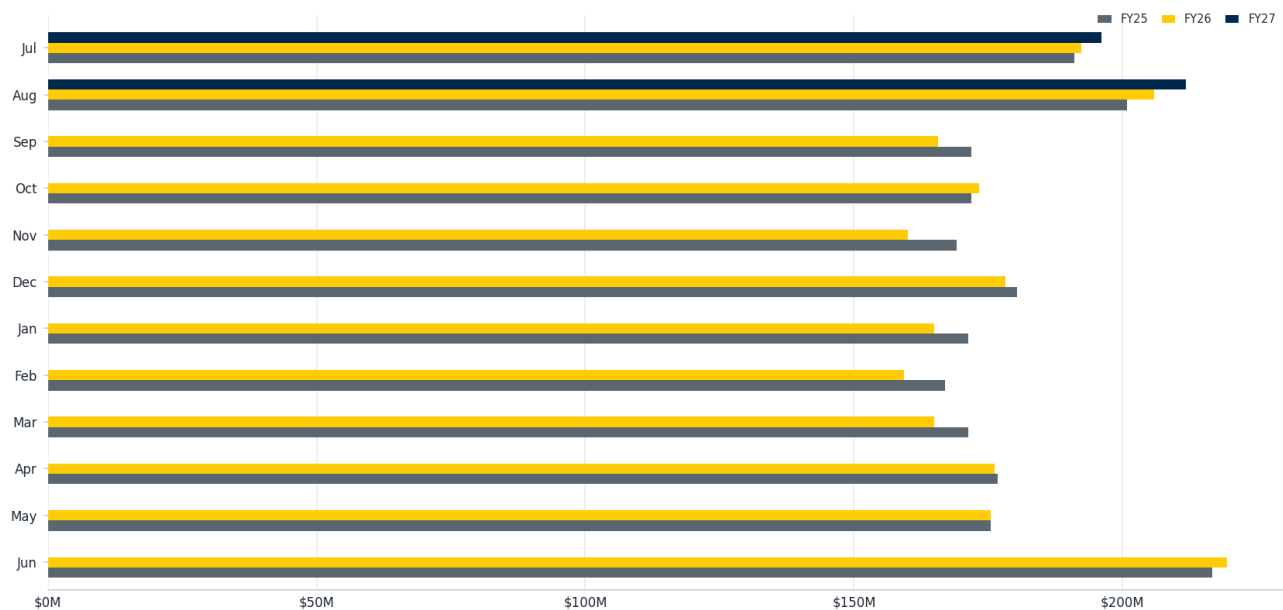
\$3.3 Million · National Institutes of Health

Awarded to Megan Patrick, Collegiate Research Professor and principal investigator of the Monitoring the Future panel study at the Institute for Social Research, to [add](#) cognitive testing to the nation's longest-running study of substance use across the lifespan. The study's earliest participants, first surveyed as high school seniors in the 1970s, are now in their 60s, giving researchers a rare chance to link decades of drinking, smoking and drug use to how memory and thinking hold up later in life.

Expenditures

Total research expenditures each month, comparing fiscal years 2025, 2026 and 2027. Fiscal Year 2027 includes July and August, its first two months. Across the two completed years, spending stays relatively steady and reaches its highest point at fiscal year end in June.

Fiscal Year	Year-to-Date Total
FY25	\$391,816,438
FY26	\$398,106,785
FY27	\$407,771,370

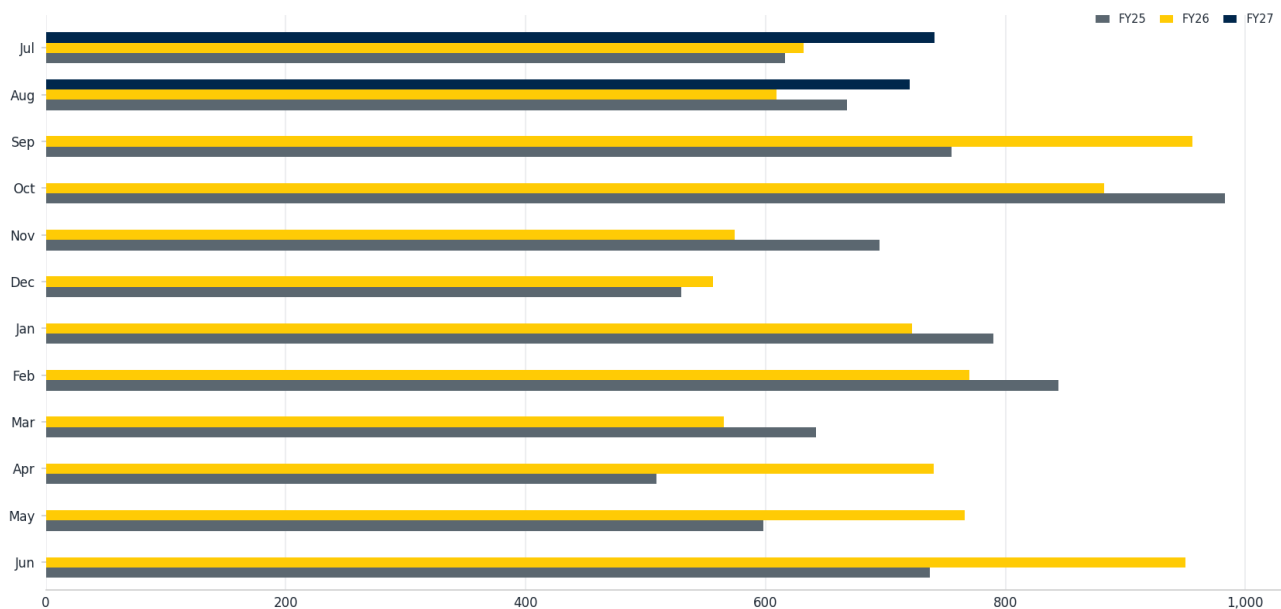


Monthly research expenditures (\$M), FY25–FY27

Submissions by Count

Number of proposals submitted to sponsors each month, comparing fiscal years 2025, 2026 and 2027. Fiscal Year 2027 includes July and August, its first two months. Submission activity typically peaks in the fall (September and October) and again in late winter (February), reflecting common sponsor deadline cycles.

Fiscal Year	Year-to-Date Total
FY25	1,284
FY26	1,241
FY27	1,461

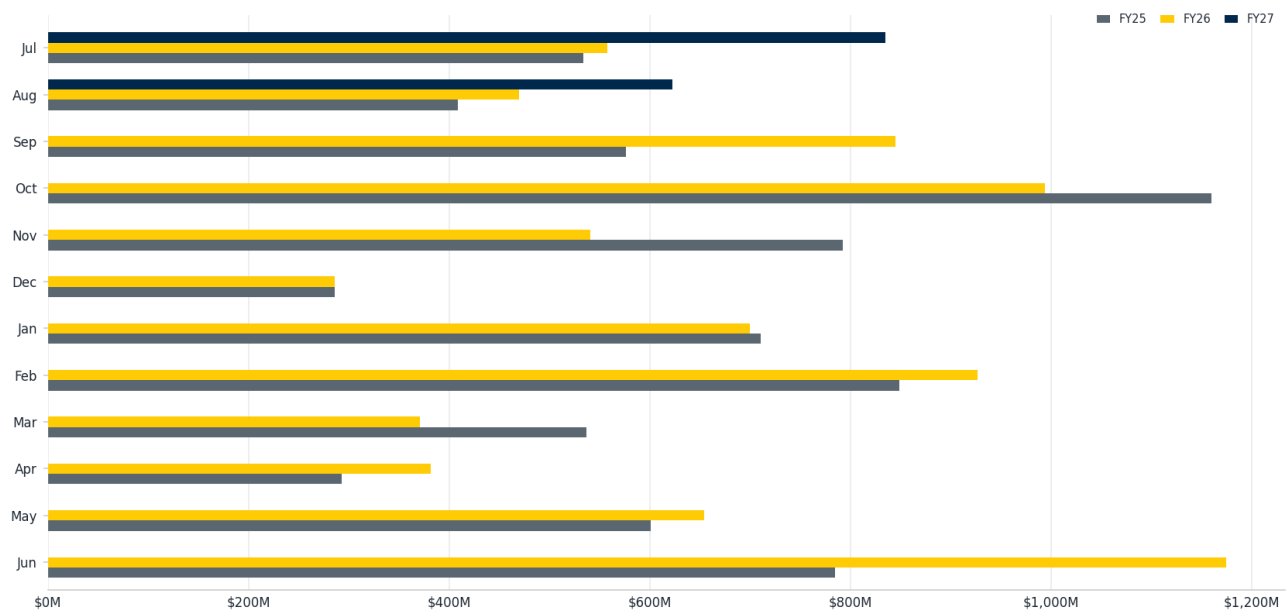


Monthly proposal submissions (count), FY25–FY27

Submissions by Amount

Total dollar value of proposals submitted to sponsors each month, comparing fiscal years 2025, 2026 and 2027. Fiscal Year 2027 includes July and August, its first two months. Monthly totals vary widely because a small number of large proposals can drive a single month well above the others.

Fiscal Year	Year-to-Date Total
FY25	\$942,243,952
FY26	\$1,026,992,420
FY27	\$1,457,598,892

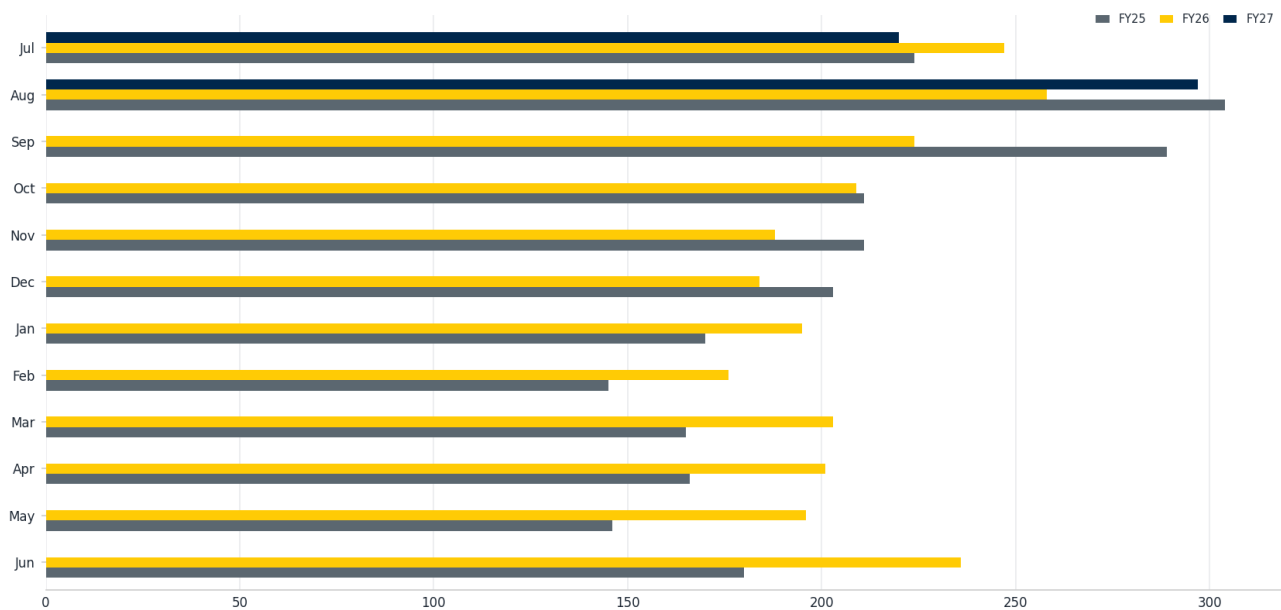


Monthly proposal submissions (\$M), FY25–FY27

Awards by Count

Number of new awards received from sponsors each month, comparing fiscal years 2025, 2026 and 2027. Fiscal Year 2027 includes July and August, its first two months. Award counts are highest in the late summer and early fall (August and September) as sponsors finalize funding decisions.

Fiscal Year	Year-to-Date Total
FY25	528
FY26	505
FY27	517

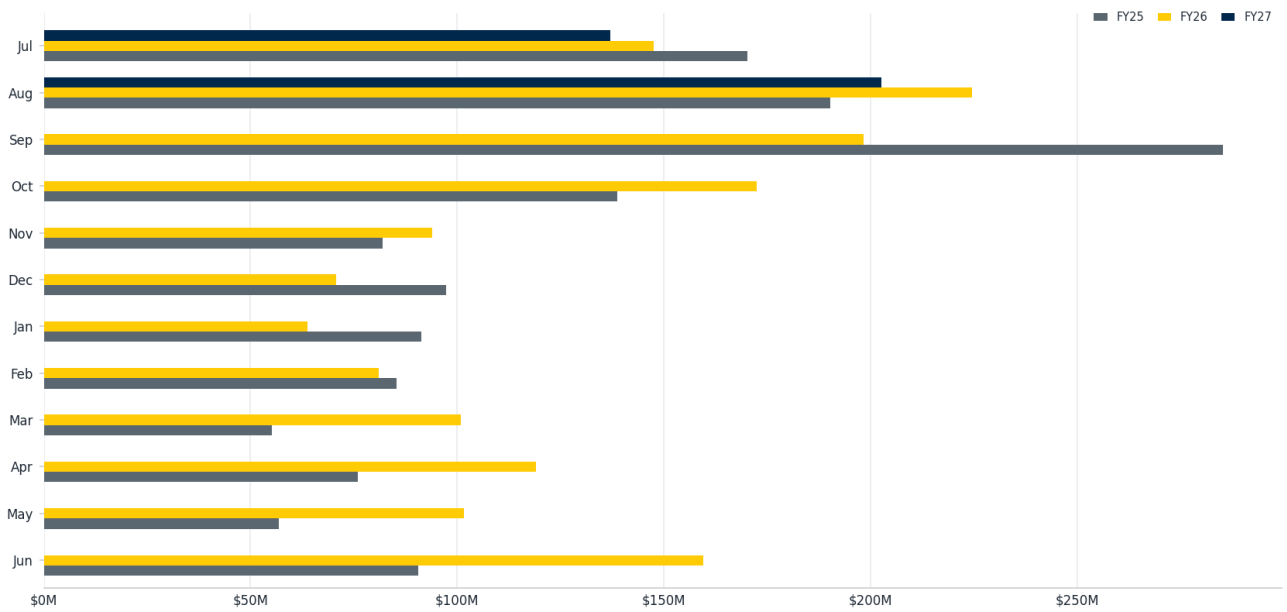


Monthly new awards (count), FY25–FY27

Awards by Amount

Total dollar value of new awards received each month, comparing fiscal years 2025, 2026 and 2027. Fiscal Year 2027 includes July and August, its first two months. Because individual large awards can dominate a month, the totals swing more sharply than the award counts do.

Fiscal Year	Year-to-Date Total
FY25	\$360,542,129
FY26	\$371,998,767
FY27	\$339,695,122



Monthly new awards (\$M), FY25–FY27

Top Monthly Awards — August 2026

The largest new awards received in August 2026, grouped by sponsor category.

National Science Foundation

Principal Investigator	Jablonowski, Christiane
Department	CoE Climate & Space Sci Eng
Award Title	Collaborative Research: Frameworks: Developing Robust Cyberinfrastructure to Advance Earth System Model Hierarchies for Scientific Discoveries and Educational Outreach
Sponsor	National Science Foundation
Award Total	\$1,519,486
Duration (years)	5.0

Principal Investigator	Perfecto, Ivette
Department	Sch for Environ and Sustain
Award Title	Self-organized spatial pattern and the top-down control of herbivores
Sponsor	National Science Foundation
Award Total	\$1,439,997
Duration (years)	5.0

Principal Investigator	Cundiff, Steven
Department	LSA Physics
Award Title	Spectroscopy of Rydberg Excitons for Quantum Information Science
Sponsor	National Science Foundation
Award Total	\$500,000
Duration (years)	3.0

Principal Investigator	Giebink, Noel
Department	CoE EECS - ECE - SSEL
Award Title	Filamentary charge transport and recombination in organic semiconductors
Sponsor	National Science Foundation
Award Total	\$500,000
Duration (years)	3.0

National Institutes of Health

Principal Investigator	Nahum-Shani, Billie
Department	SRC-d3c
Award Title	Methodologies for Adapting and Personalizing Services for SUD (MAPS 2.0)
Sponsor	Health and Human Services, Department of-National Institutes of Health
Award Total	\$13,493,666
Duration (years)	4.7

Principal Investigator	Young, Vincent
Department	MM Int Med-Infectious Diseases
Award Title	Microbial Interactions Combating Antibiotic Resistant Bacteria "MI-CARB"
Sponsor	Health and Human Services, Department of-National Institutes of Health
Award Total	\$11,394,312
Duration (years)	4.9

Principal Investigator	Arvan, Peter
Department	MM Metabolism, Endo & Diabetes
Award Title	Chemical Activation of Beta-Cell BiP for Treatment of Type 2 Diabetes
Sponsor	Health and Human Services, Department of-National Institutes of Health
Award Total	\$3,996,190
Duration (years)	4.7

Department of Defense

Principal Investigator	Mondul, Alison
Department	Epidemiology Department
Award Title	Unraveling the impact of environmental exposures on young onset endometrial cancer risk and survivorship
Sponsor	Defense, Department of-Defense Health Agency
Award Total	\$1,162,136
Duration (years)	3.0

Principal Investigator	Mahesh, Krishnan
Department	CoE Naval Arch & Marine Dept
Award Title	Numerical Analysis of Vortex Cavitation
Sponsor	Defense, Department of-Navy, Department of the
Award Total	\$679,325
Duration (years)	4.0

Principal Investigator	Mi, Zetian
Department	CoE EECS - ECE - SSEL
Award Title	Low threshold, high power electrically pumped AlGaIn edge-emitting UV-C laser diodes
Sponsor	Defense, Department of-Army, Department of the
Award Total	\$600,000
Duration (years)	3.0

Department of Energy

Principal Investigator	Giebink, Noel
Department	CoE EECS - ECE - SSEL
Award Title	Charge transfer processes in excited radical organic semiconductors
Sponsor	Energy, Department of
Award Total	\$422,611
Duration (years)	3.0

Principal Investigator	Liu, James
Department	LSA Physics
Award Title	Research in quantum gravity and string theory
Sponsor	Energy, Department of
Award Total	\$60,000
Duration (years)	0.8

Principal Investigator	Haselschwardt, Scott
Department	LSA Physics
Award Title	Enabling discovery with LZ's veto system and a novel dark-matter search channel
Sponsor	Energy, Department of
Award Total	\$50,000
Duration (years)	1.0

Industry

Principal Investigator	Pianko, Matthew
Department	MM Int Med-Hematology/Oncology
Award Title	A Phase II, Open-Label, Multicenter Study of Inobrodib in Combination with Pomalidomide and Dexamethasone in Patients with Relapsed or Refractory Multiple Myeloma
Sponsor	CellCentric Limited
Award Total	\$2,391,738
Duration (years)	5.0

Principal Investigator	Norman, Silas
Department	MM Int Med-Nephrology
Award Title	A Seamless Phase 2/3 Randomized, Open-Label Study to Investigate Efficacy and Safety of Frexalimab Versus Tacrolimus in Adult Kidney Transplant Recipients
Sponsor	Sanofi US Services, Inc.
Award Total	\$1,984,526
Duration (years)	8.0

Principal Investigator	Karimi, Yasmin
Department	MM Int Med-Hematology/Oncology
Award Title	BAF_FRontier-01, A First-in-Human, Phase 1a/1b Trial to Assess Safety, Tolerability, and Preliminary Efficacy of LY4152199, a B-cell Activation Factor Receptor (BAFF-R) T-Cell Engager Bispecific Antibody, in Adult Participants with Previously Treated B-cell Malignancies
Sponsor	Medpace, Inc
Award Total	\$1,837,989
Duration (years)	5.0

Foundations

Principal Investigator	Bagenstos, Samuel
Department	Law School Research Admin
Award Title	Ford Foundation Disability Policy Project
Sponsor	Ford Foundation
Award Total	\$850,000
Duration (years)	2.0

Principal Investigator	Tsoi, Lam
Department	MM Dermatology Department
Award Title	Ancestry-Linked IL1A Variant at 2q13 as a Driver of Keratinocyte IL-1 Signaling and Skin Inflammation
Sponsor	Leo Foundation
Award Total	\$618,352
Duration (years)	3.0

Principal Investigator	Terhorst, Jonathan
Department	LSA Statistics
Award Title	OptiME: Optimize breeding via multiplex gene editing
Sponsor	Gates Foundation
Award Total	\$492,719
Duration (years)	4.1