

U-M RESEARCH AWARD AND EXPENDITURES REPORT
MAY 2023

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan through the first nine months of Fiscal Year 2023, which ended March 31.

Research expenditures through the first nine months of FY23 totaled \$1.33 billion, which is up 8 percent when compared to the first nine months of FY22.

The number of research submissions through the first nine months of FY23 was down 2.1 percent, but the value of those submissions increased 6.1 percent when compared to March 2022.

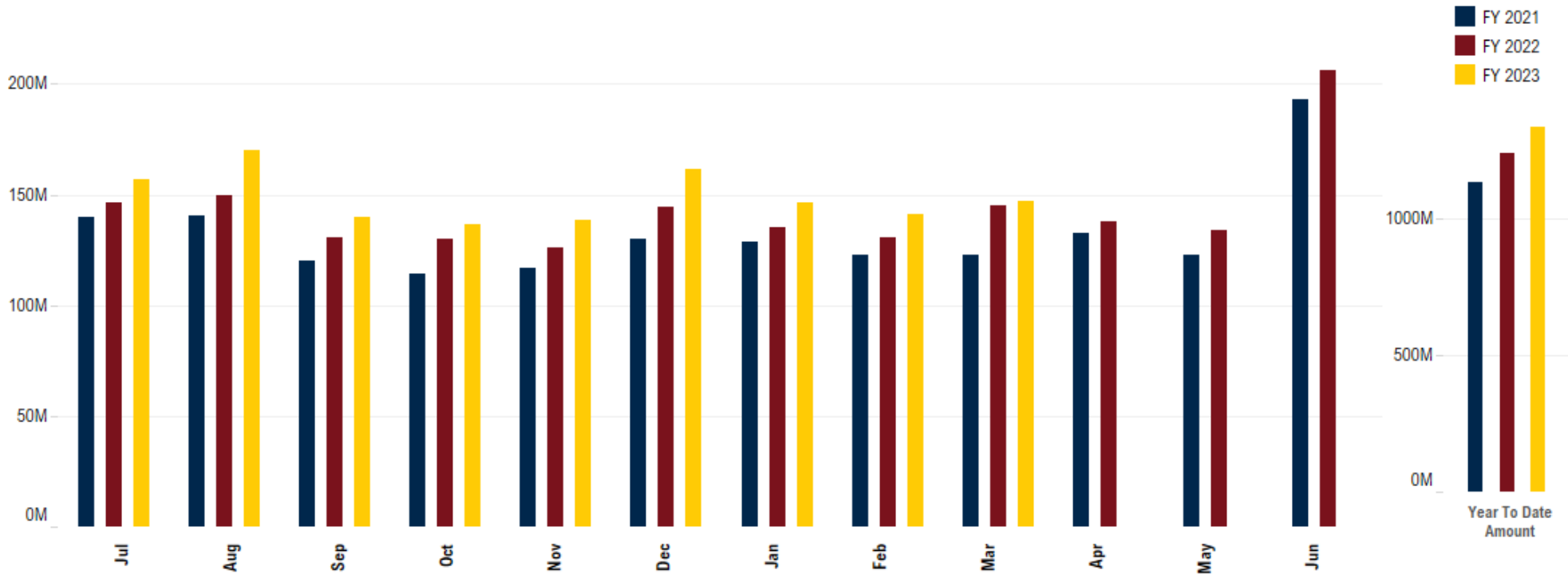
The number of new research awards from external sponsors through the first nine months of FY23 increased 1.2 percent, but their value decreased 4.3 percent when compared to March 2022.

Rebecca Cunningham, Vice President for Research

Shandra White, Assistant Vice President for Research – Sponsored Projects

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

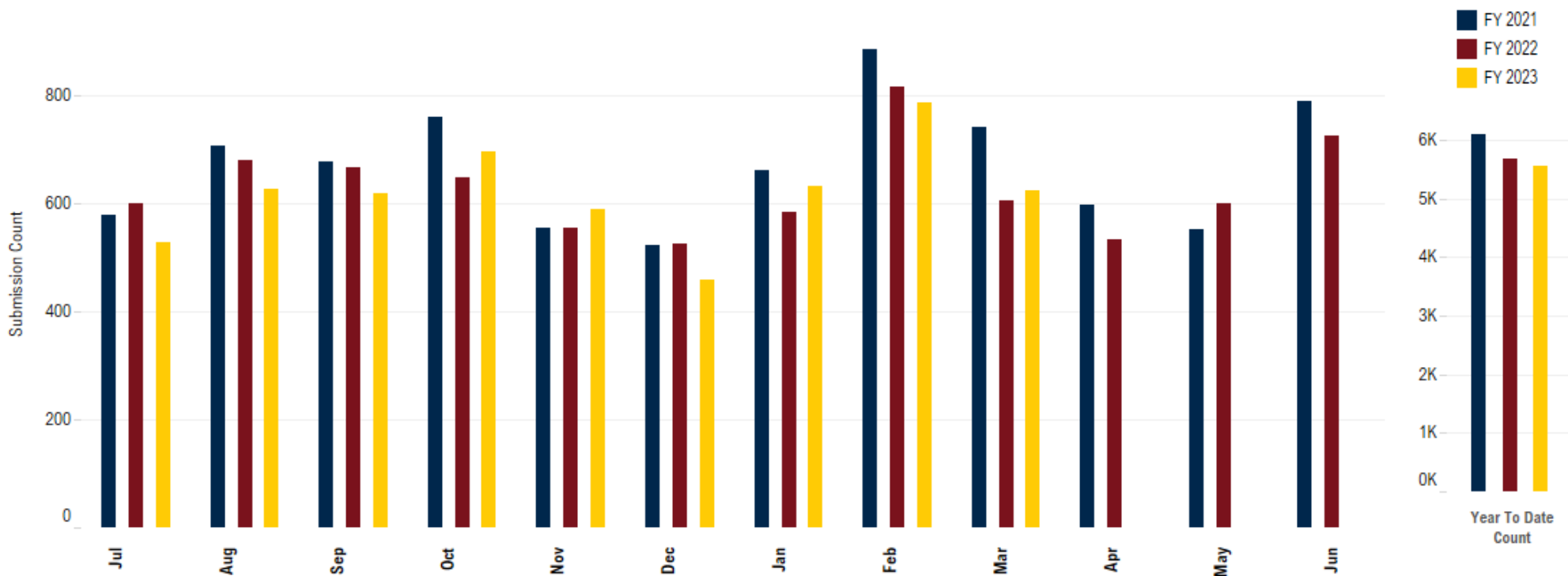
Expenditures



Year to Date

FY21: \$1,135,841,355
 FY22: \$1,239,079,958
 FY23: \$1,338,549,658

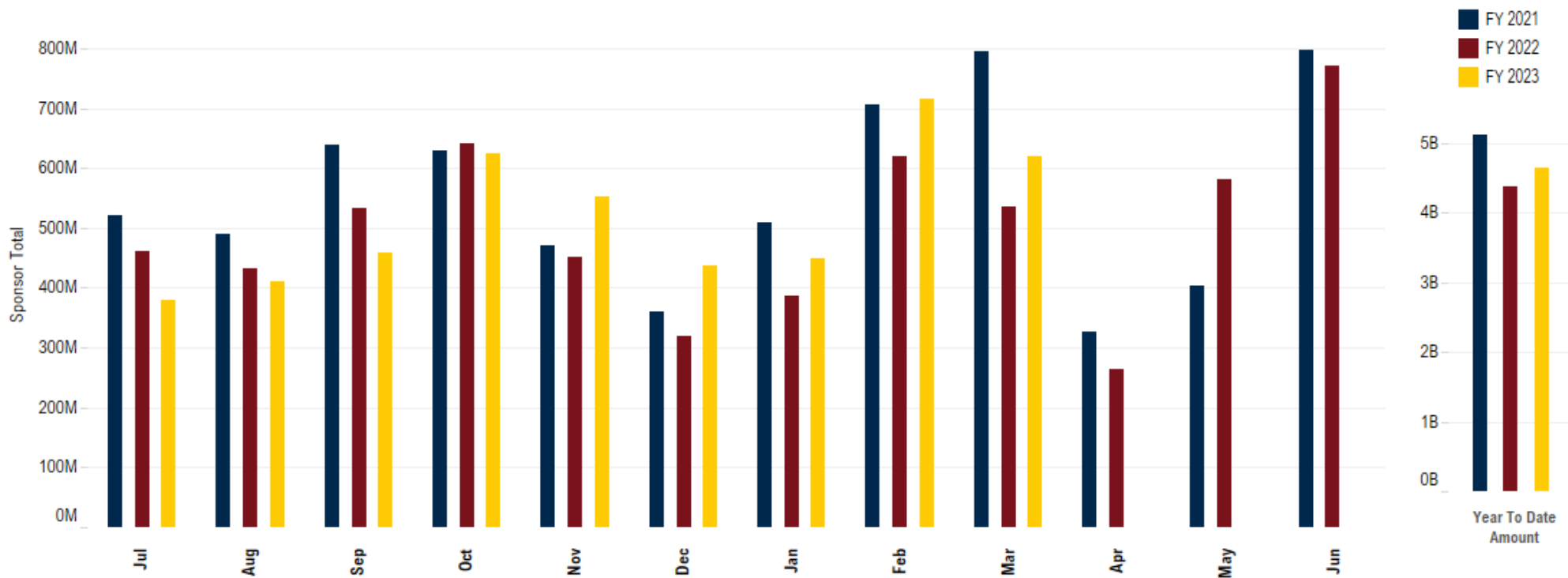
Submissions by Count



Year to Date

FY21: 6,084
FY22: 5,674
FY23: 5,555

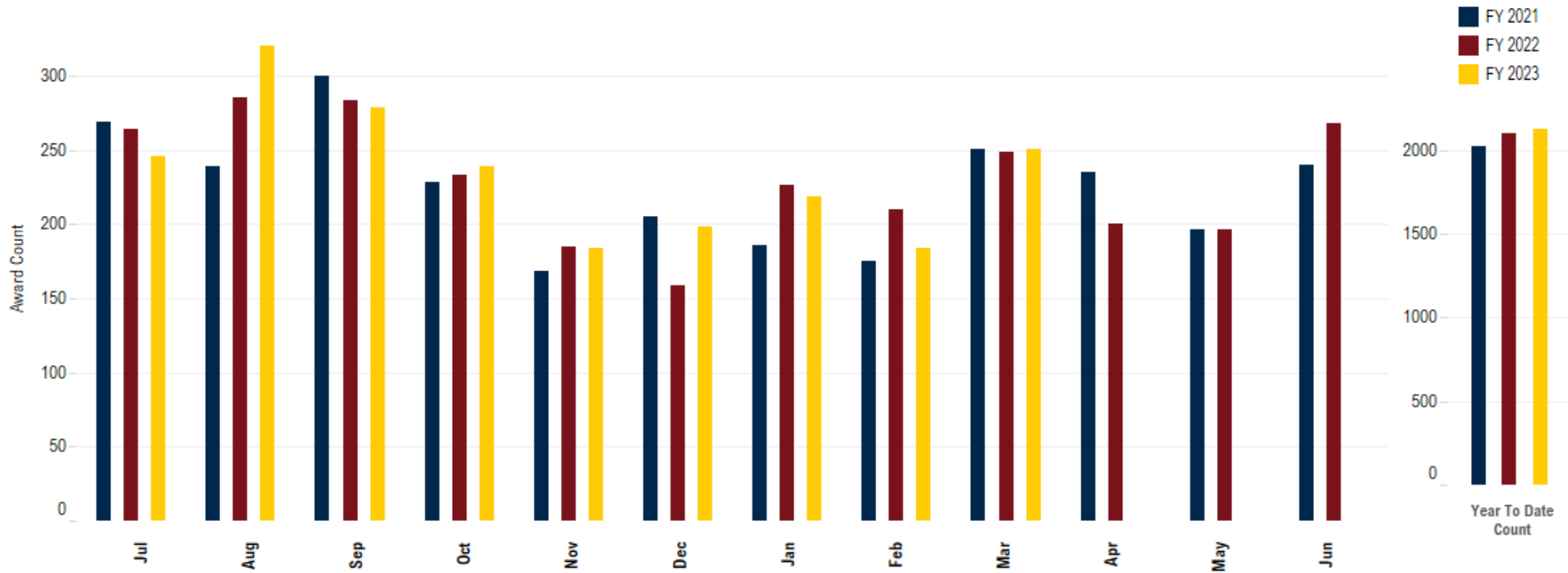
Submissions by Amount



Year to Date

FY21: \$5,115,763,511
 FY22: \$4,381,427,556
 FY23: \$4,648,731,733

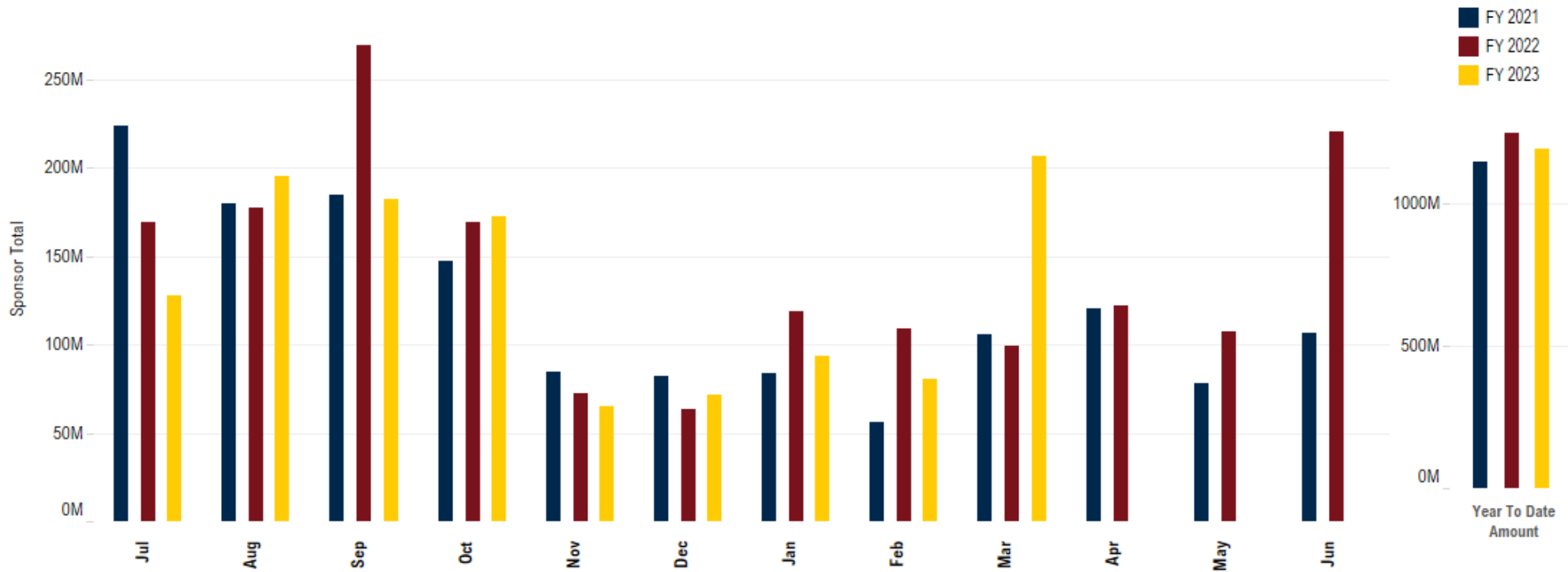
Awards by Count



Year to Date

FY21: 2,023
 FY22: 2,097
 FY23: 2,122

Awards by Amount



Year to Date

FY21: \$1,146,425,890

FY22: \$1,248,166,295

FY23: \$1,194,485,022



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Top Monthly Awards

National Science Foundation

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Grubbs, Paul	EECS - CSE - SYSTEMS	CAREER: End-to-End Encryption for Managed Networks	National Science Foundation	\$727,464	5.0
Eshete, Birhanu	Dbn Col of Eng-Computer & Info	CAREER: Towards Provenance-Driven Understanding of Machine Learning Robustness	National Science Foundation	\$619,838	5.0
Zhu, Junjie	LSA Physics	REU Site: University of Michigan - CERN Research Experience for Undergraduates and High School Teacher Programs	National Science Foundation	\$578,689	3.0

National Institutes of Health

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Lumeng, Julie	MM MICHR - Operations	Michigan Institute for Clinical and Health Research (MICHR)	Health and Human Services, Department of-National Institutes of Health	\$70,980,000	7.0
Spino, Catherine	SABER / Biostatistics	University of Michigan Data Coordinating Center for the Diabetic Foot Consortium	Health and Human Services, Department of-National Institutes of Health	\$16,698,478	4.8
Fontana, Margherita	DENTCariology,Restor Sci &Endo	Predicting Caries Lesion Patterns and Trajectories in Underserved Children, from Infancy to Early Adolescence, in Primary Healthcare Settings	Health and Human Services, Department of-National Institutes of Health	\$8,617,785	5.0

Top Monthly Awards

Department of Defense

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Rehemtulla, Alnawaz	MM Radiation Oncology - AA	FADD: A mechanistic basis and therapeutic opportunity for overcoming CDK4/6 inhibitor resistance	Defense, Department of-Army, Department of the	\$1,158,239	3.0
Ahmadi, Elaheh	COE EECS - ECE - SSEL	Enhancement-mode Gallium Nitride transistors for next generation of mobile platforms	Defense, Department of-Navy, Department of the	\$1,000,000	5.0
Yang, X Jessie	CoE Center for Ergonomics	Enabling Re-configurable Multi-Operator Multi-Agent (MOMA) Teams: A Trust Inference and Propagation (TIP) Approach	Defense, Department of-Air Force, Department of the	\$797,177	3.0

Department of Energy

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Kuranz, Carolyn	Nuclear Eng & Radiological Sci	Radiation Transport in Strongly Coupled Plasmas	Energy, Department of	\$750,000	3.0

Top Monthly Awards

Industry

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Goutman, Stephen	MM Neurology Department	A PHASE 3, OPEN-LABEL EXTENSION OF COURAGE-ALS (CY 5031)	Cytokinetics	\$835,417	3.0
Enzler, Thomas	MM Int Med-Hematology/Oncology	A Phase Ib/2 Multicenter, Open-label Study to Evaluate the Safety and Efficacy of TTI-101 as Monotherapy and in Combination in Participants with Locally Advanced or Metastatic, and Unresectable Hepatocellular Carcinoma	Pharmaceutical Research Associates, Inc.	\$717,688	2.5
Worden, Francis	MM Int Med-Hematology/Oncology	A Randomized, Double-blind, Multi-center Phase III Study of Penpulimab (AK105) Combined with Chemotherapy versus Placebo Combined with Chemotherapy as First-Line Treatment for Recurrent or Metastatic Nasopharyngeal Carcinoma	AkesoBio	\$455,592	6.1

Nonprofits

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Cheung, Vivian	Life Sciences Institute-Admin	Determine the bases and sugars of human RNA: A Periodic Table of RNA	Warren Alpert Foundation	\$2,300,000	2.0
Furlough, Michael	Library Partners - HathiTrust	Building Resilience for Access and Preservation	The Andrew W. Mellon Foundation	\$1,000,000	5.0
Jacob, Brian	FSPP Youth Policy Lab	An Evaluation of SafeCare in Michigan	Laura and John Arnold Foundation	\$766,380	5.3