

U-M RESEARCH AWARD AND EXPENDITURES REPORT  
MAY 2022

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 2022, which ended March 31.

Total research expenditures through the first nine months of FY22 totaled \$1.16 billion, which is up 9.1 percent when compared to the first nine months of FY21.

The number of research submissions through the first nine months of FY22 was down 6.7 percent, and the value of those submissions decreased 14.2 percent when compared to March 2021.

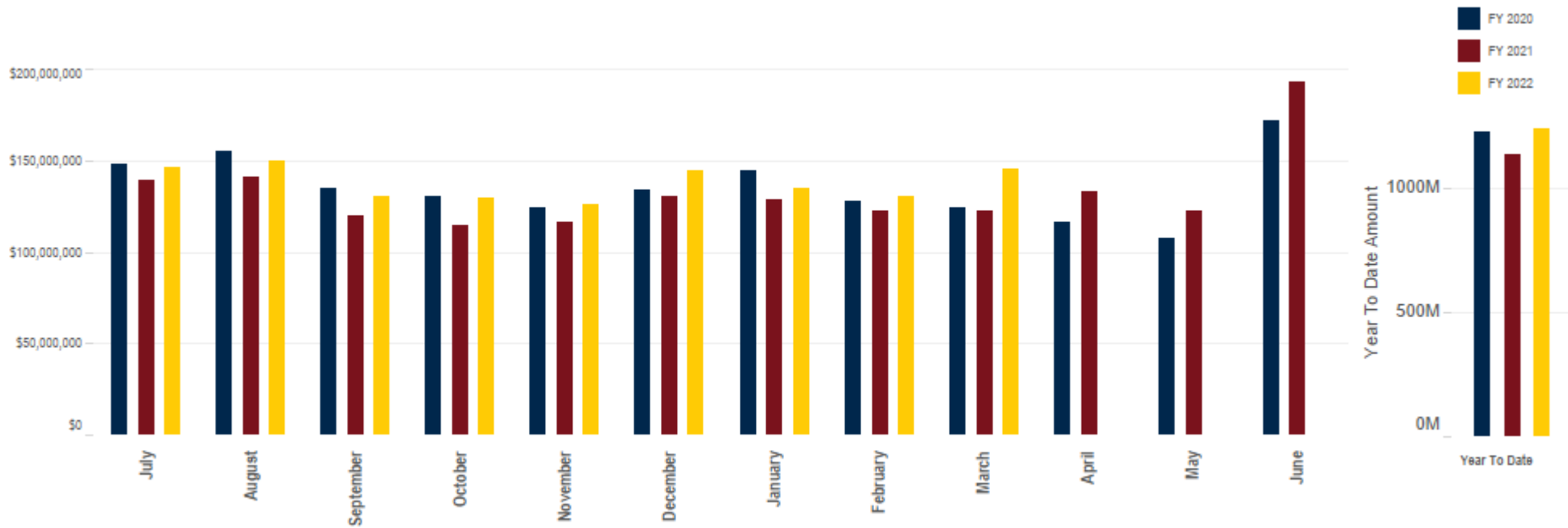
The number of new research awards from external sponsors through the first nine months of FY22 increased 3.9 percent, and their value increased 4.6 percent when compared to March 2021.

Rebecca Cunningham, Vice President for Research

Craig Reynolds, Assistant Vice President for Research - Sponsored Projects

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

## Expenditures



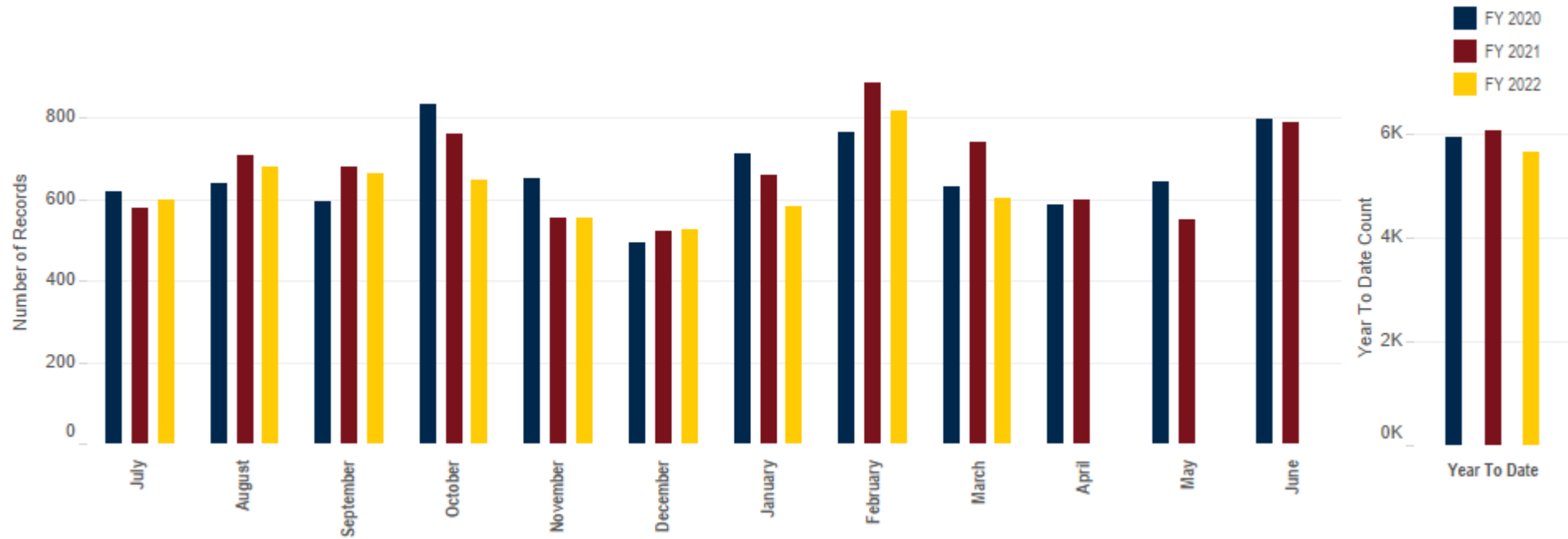
### Year to Date

FY20: \$1,224,712,861

FY21: \$1,135,841,355

FY22: \$1,239,079,958

## Submissions by Count



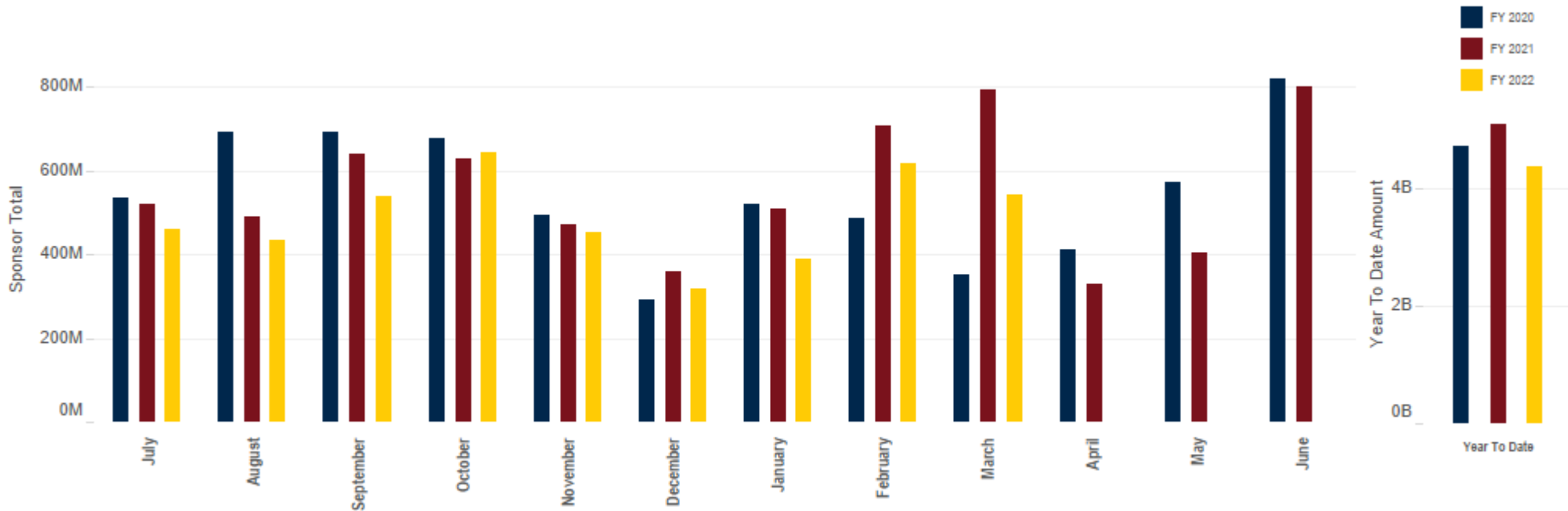
### Year to Date

FY20: 5,937

FY21: 6,084

FY22: 5,674

## Submissions by Amount



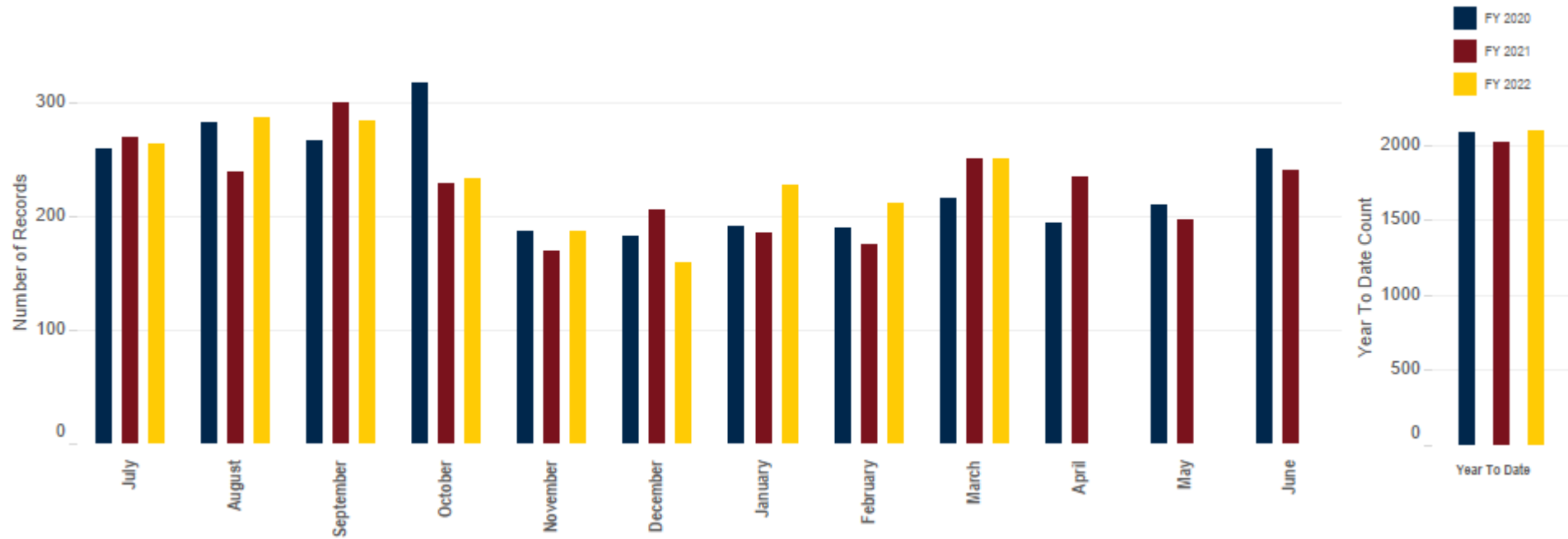
### Year to Date

FY20: \$4,730,107,304

FY21: \$5,117,240,204

FY22: \$4,390,894,510

### Awards by Count



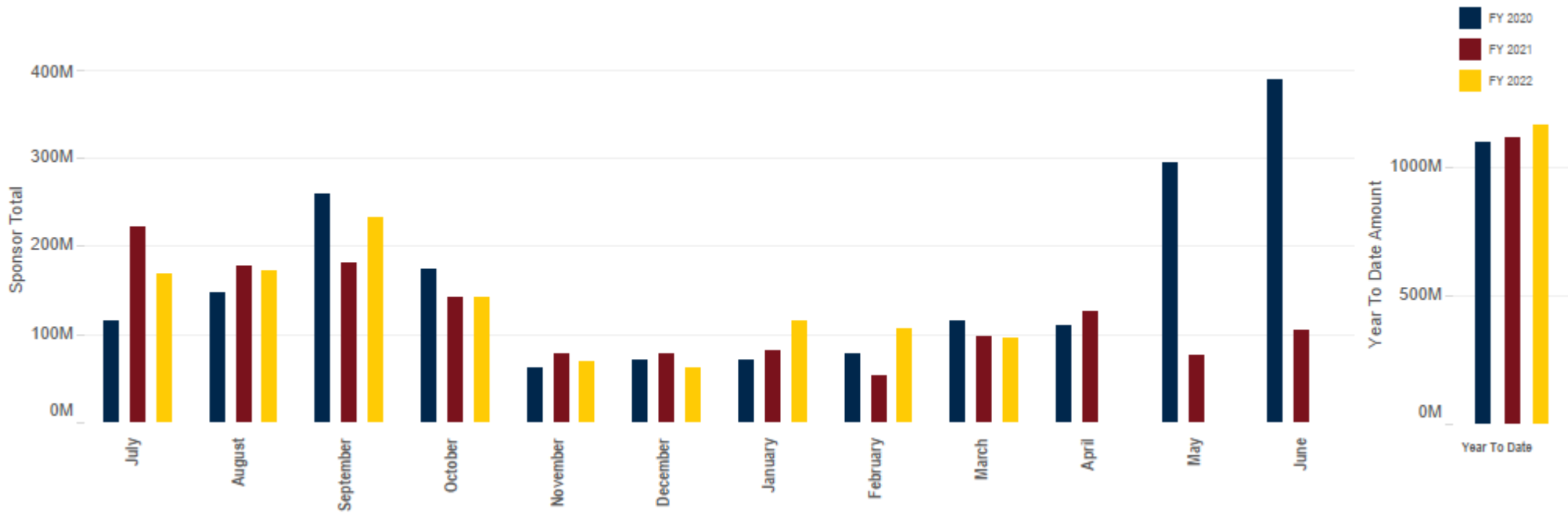
### Year to Date

FY20: 2,091

FY21: 2,023

FY22: 2,101

## Awards by Amount



### Year to Date

FY20: \$1,095,476,423

FY21: \$1,114,369,167

FY22: \$1,165,154,869



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# Top Monthly Awards

## National Science Foundation

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Brewer, Robin	School of Information	CAREER: Nudging Older Adults to Mitigate Voice Interface Uncertainty	National Science Foundation	\$591,076	5.0
Fouhey, David	EECS - CSE - AI/IS	CAREER: Learning to Perceive the Interactive 3D World from an Image	National Science Foundation	\$584,449	5.0
Jurgens, David	School of Information	CAREER: Fostering Prosocial Behavior and Well-Being in Online Communities	National Science Foundation	\$581,433	5.0

## National Institutes of Health

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Zemans, Rachel	MM Int Med-Pulm./Critical Care	Mechanisms of Alveolar Homeostasis, Injury, Regeneration, and Fibrosis	Health and Human Services, Department of-National Institutes of Health	\$6,166,032	7.0
Bakulski, Kelly	Epidemiology Department	Risk of Alzheimer's Disease and Related Dementias from Perinatal Lead Exposure: Brain Region and Cell Type Effects	Health and Human Services, Department of-National Institutes of Health	\$3,751,737	4.9
Noppert, Grace	SRC-Social Envir & Health	Immunosenescence, socioeconomic disadvantage and dementia in the US aging population	Health and Human Services, Department of-National Institutes of Health	\$3,630,829	4.8



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# Top Monthly Awards

## Industry

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Ansari, Sardar	MM Emergency Med Critical Care	PICTURE	AirStrip	\$4,160,321	3.0
Pianko, Matthew	MM Int Med-Hematology/Oncology	A Phase 1b, Dose Escalation and Expansion Study of Lemzoparlimab (TJ011133) with or without Dexamethasone and in Combination with Anti-Myeloma Regimens for the Treatment of Patients with Relapsed/Refractory Multiple Myeloma	AbbVie Inc.	\$1,669,423	4.0
Swiecicki, Paul	MM Int Med-Hematology/Oncology	A Phase 1 Multiple Dose Study to Evaluate the Safety and Tolerability of XmAb@23104 in Subjects with Selected Advanced Solid Tumors (DUET-3)	Xencor, Inc.	\$1,361,245	5.0

## Nonprofits

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Goldman, Daniel	MM Michigan Neuroscience Inst	Retina Regeneration in Zebrafish-Endogenous RGC replacement	Gilbert Family Foundation	\$1,152,279	3.0
Myers, Martin	MM Metabolism, Endo & Diabetes	Disentangling neural circuits that drive diabetes	Warren Alpert Foundation	\$400,000	2.0
Hoffman, Andrew	ROSS SCH Research Support	Management as a Calling	Davis, Arthur Vining, Foundations	\$262,776	3.4





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# Top Monthly Awards

## Department of Defense

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Broglio, Steven	School of Kinesiology	Characterizing Potential Chronic Brain Health Effects of Concussion and Repetitive Head Impact Exposure: The CARE-SALTOS Integrated (CSI) Study-MTEC	Defense, Department of-Army, Department of the-Subcontracts	\$3,089,567	5.5
Luker, Gary	MM Department of Radiology	Identifying Therapeutic Vulnerabilities of Bone Marrow Driven Recurrence of ER+ Breast Cancer	Defense, Department of-Army, Department of the	\$1,169,999	3.0
Tuteja, Anish	Materials Science & Engin.	Understanding the Principles of Solid Shedding Surfaces - Phase II	Defense, Department of-Navy, Department of the-Subcontracts	\$1,000,000	3.0