



THE UNIVERSITY OF
SOUTHERN MISSISSIPPI®

**Report of Proposals and Awards
For May
Fiscal Year 2026**

Two Year Comparison

2026 May vs 2025 May

-	Current	Prior	Δ YoY
Funding Dollars	\$2,610,783	\$6,443,503	(\$3,832,720)
Funding Dollars - YTD	\$57,422,975	\$82,929,272	(\$25,506,297)
Funded Projects	18	18	0
Funded Projects - YTD	201	275	(74)
Submitted Projects	44	57	(13)
Submitted Projects - YTD	361	402	(41)

Monthly YTD

-	FY 2025			FY 2026		
	Submitted	Funded	Dollars	Submitted	Funded	Dollars
July	36	26	\$10,132,831	28	19	\$11,582,540
August	39	29	\$8,789,907	37	24	\$7,105,543
September	34	42	\$19,861,274	28	45	\$17,163,018
October	26	31	\$14,745,531	34	23	\$7,335,707
November	40	25	\$2,447,007	27	16	\$2,332,722
December	14	12	\$3,700,599	16	17	\$1,441,174
January	32	20	\$5,779,909	35	8	\$1,231,452
February	40	30	\$4,097,810	31	11	\$1,202,154
March	53	24	\$3,386,974	45	13	\$3,729,365
April	31	18	\$3,543,927	36	7	\$1,688,518
May	57	18	\$6,443,503	44	18	\$2,610,783
June	52	27	\$4,123,855			
Totals to Date	454	302	\$87,053,127	361	201	\$57,422,975

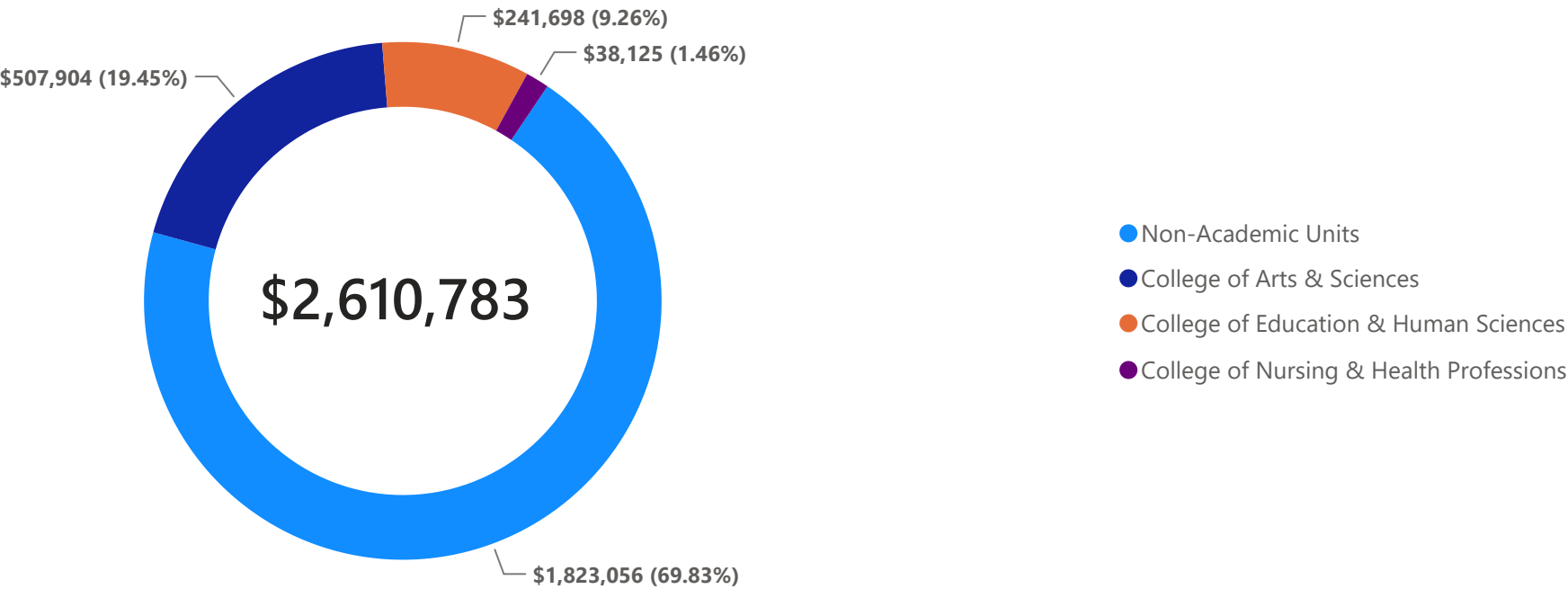
Grants and Awards Received

05/01/2026 - 05/31/2026

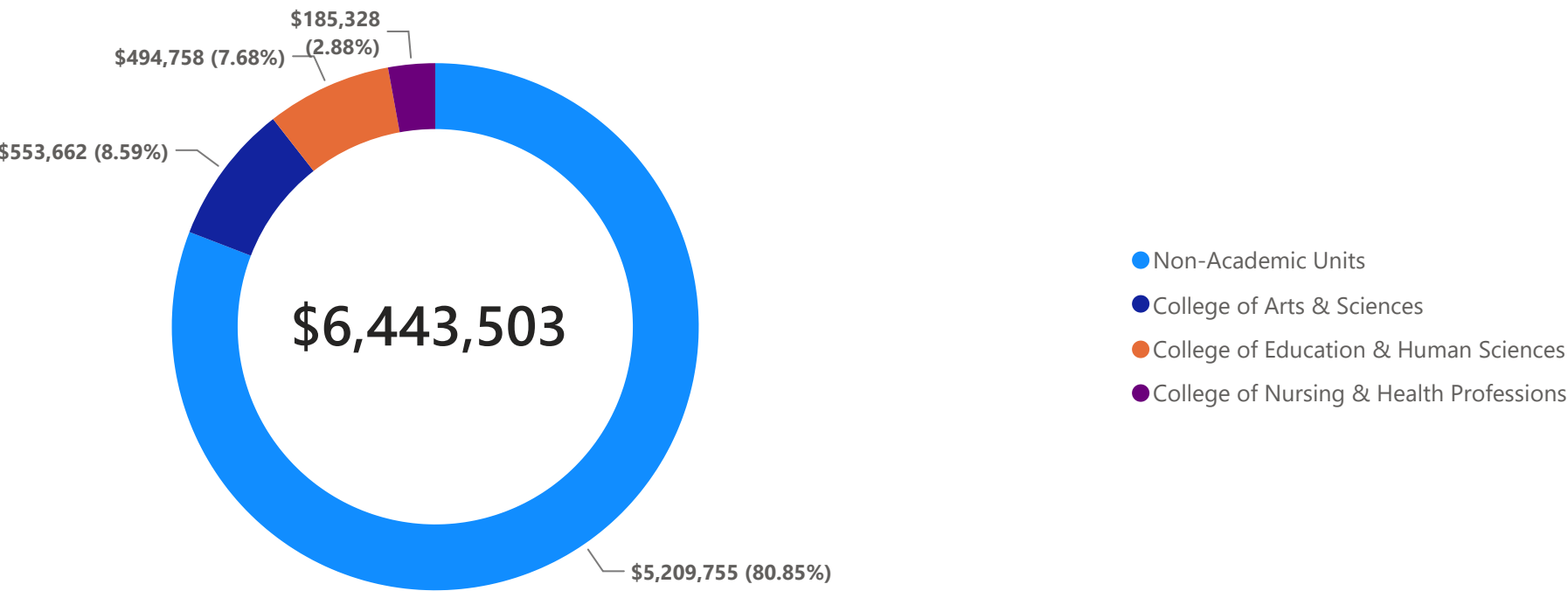
Award #	Total	Project Title	Start Date	End Date	Prime Sponsor	Department	PI	Co-PI
8007425	\$1,627,212	MS-AL Sea Grant Consortium 2024-2027 Omnibus	2/1/2024	1/31/2028	U.S. Department of Commerce	Mississippi Alabama Sea Grant Consortium	Stephen Sempier	
8007734	\$220,000	Diagnosing and Validating Nonlinear Internal Wave Processes in Idealized, Regional, and Global Ocean Simulations	10/1/2025	9/30/2028	U.S. Department of War	Marine Science	Maarten Buijsman	
8007608	\$145,844	IPA: Robert Hammond NASA support	4/1/2025	9/30/2026	National Aeronautics and Space Administration	Vice President for Research	Kelly Lucas	
8007242	\$130,000	DREAM: Data-driven Reinvigorated Advanced Membrane Discovery Platform	9/1/2023	8/31/2026	U.S. Department of Energy	Polymer Science & Engineering	Xiaodan Gu	Boran Ma, Derek Patton
8007829	\$127,815	Pine Grove Externship 2026-2027	8/1/2026	7/31/2027	Pine Grove	Psychology	Emily Yowell	Freddie Pastrana Rivera
8007271	\$79,729	Resurgent Powers, Nontraditional Threats, and Emerging Technologies: Deterrence in a Multilevel Network Framework	9/1/2023	3/31/2027	U.S. Department of War	Political Science &Legal Studies	Iliyan Iliev	
8007831	\$54,626	FCAHS Psychology Externship 2026-27	8/1/2026	7/31/2027	Forrest County Agriculture High School	Psychology	Emily DeFouw	Freddie Pastrana Rivera
8007548	\$50,000	Coastal and Littoral Geospatial Data and Artificial Intelligence Integration	1/1/2025	12/31/2029	U.S. Department of War	Geography & Geology	George Raber	
8007827	\$50,000	Customized Employment Specialists	2/1/2026	1/31/2027	U.S. Department of Education	Institute for Disability Studies	Beth Robertson	
8007613	\$38,125	United Way of SE MS FY26 and FY27 - DuBard	4/1/2025	3/31/2027	United Way of Southeast Mississippi	Speech & Hearing Sciences	Alison Webster	
8007830	\$29,063	Walthall School Psychology Externship 2026-27	8/1/2026	7/31/2027	Walthall County School District	Psychology	Emily DeFouw	Kourtney Kromminga
8007832	\$28,063	Richton School District School Psychology Externship 2026-27	8/1/2026	7/31/2027	Richton School District	Psychology	Kourtney Kromminga	Emily DeFouw
8007824	\$8,544	White Graphene Phase I-Part 2 Evaluation	3/16/2026	6/30/2026	White Graphene Ltd.	Polymer Science & Engineering	Olivia McNair	
8007823	\$7,900	Searching for sawfish in Guinea-Bissau	3/1/2026	9/1/2027	Save Our Seas Foundation	Ecology & Organismal Biology	Nicole Phillips	
8007653	\$6,731	Fast Preview and Autogain of 360¿ LiDAR Data	7/1/2025	11/30/2026	Board of Trustees of IHL	Marine Science	Gero Nootz	
8007828	\$5,000	Bridge to MS in CS Analysis Phase	1/1/2026	12/31/2026	Northeastern University	Computing Science & Computer Engineering	Sarah Lee	Jose Martinez Cruz
8007657	\$2,131	Will's Way Psych Externship 2025	8/1/2025	7/31/2026	Will's Way, LLC	Psychology	Brad Dufrene	Emily DeFouw
Total	\$2,610,783							

Grant and Award Totals by College YoY

05/01/2026 - 05/31/2026

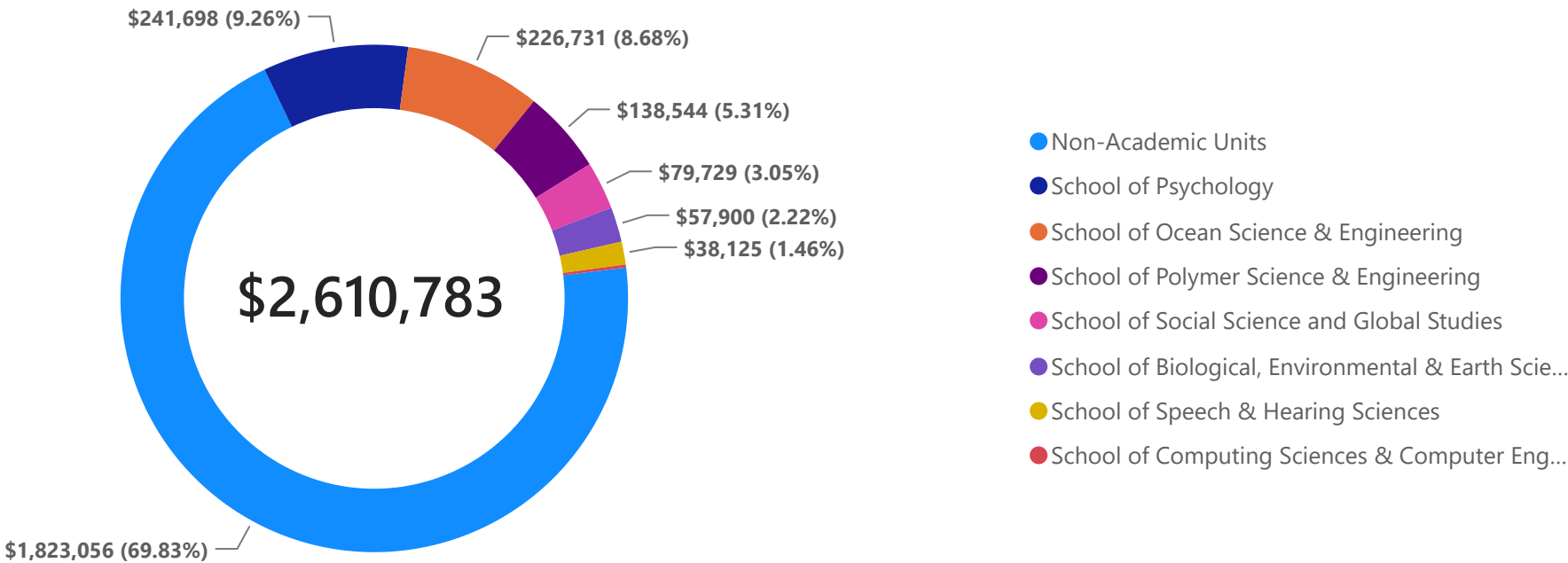


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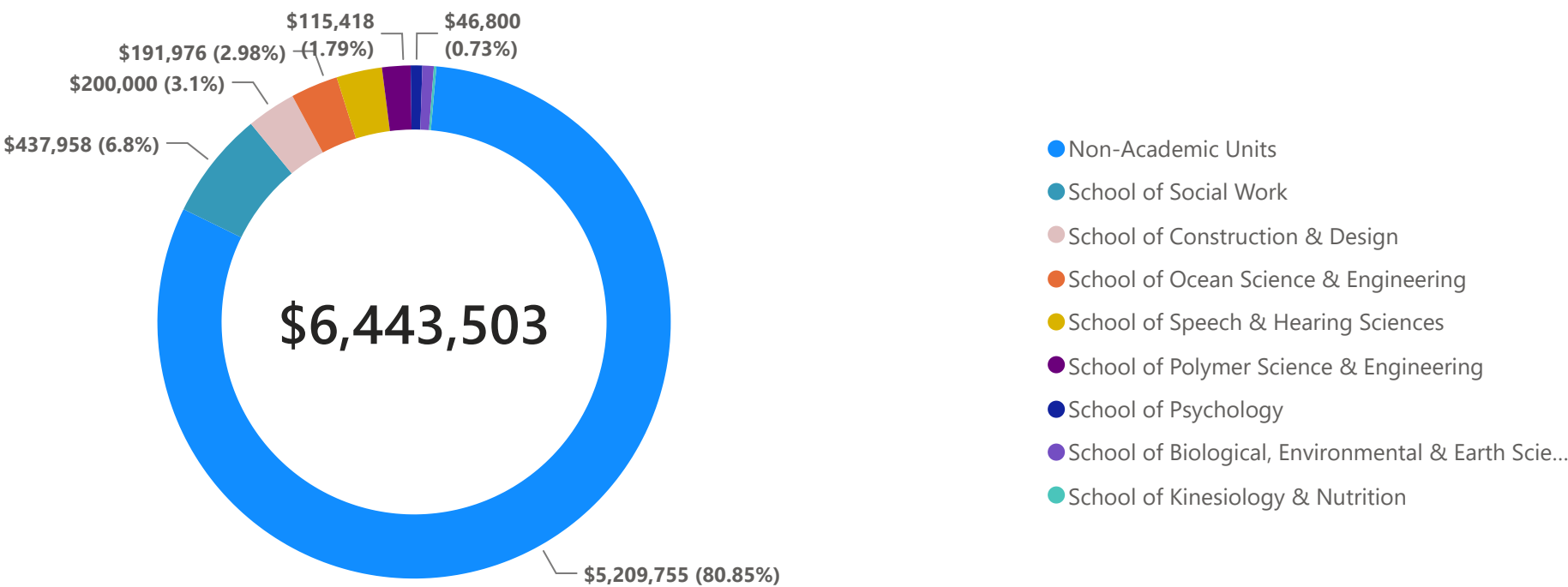


Grant and Award Totals by School YoY

05/01/2026 - 05/31/2026



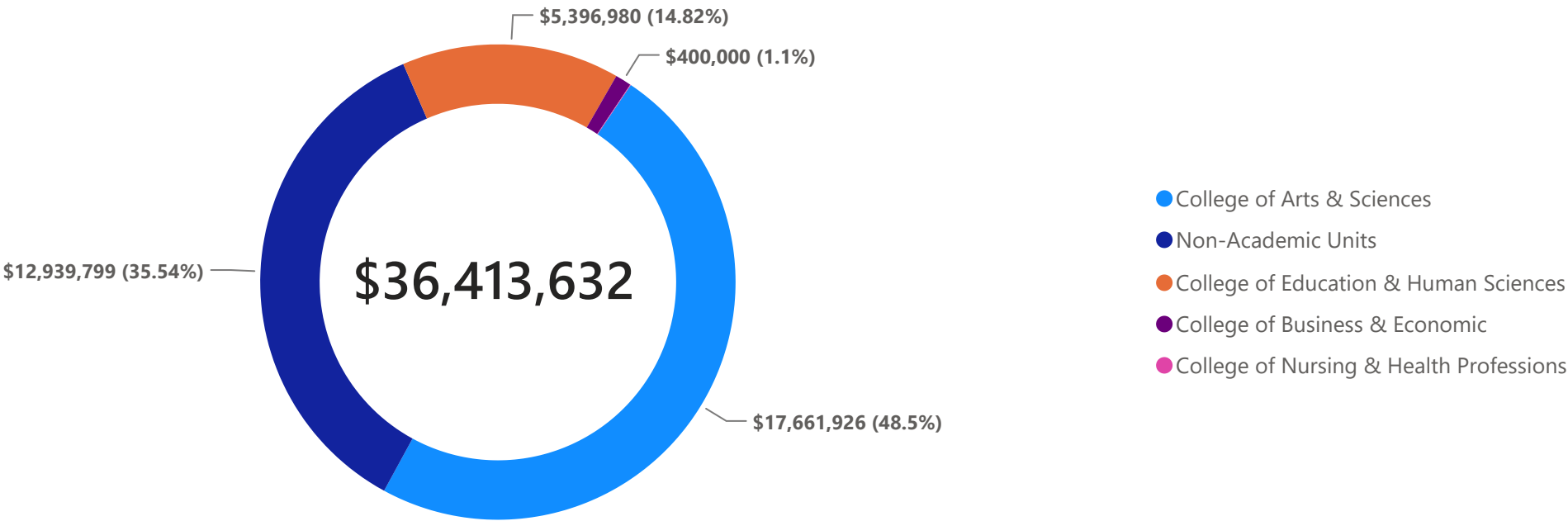
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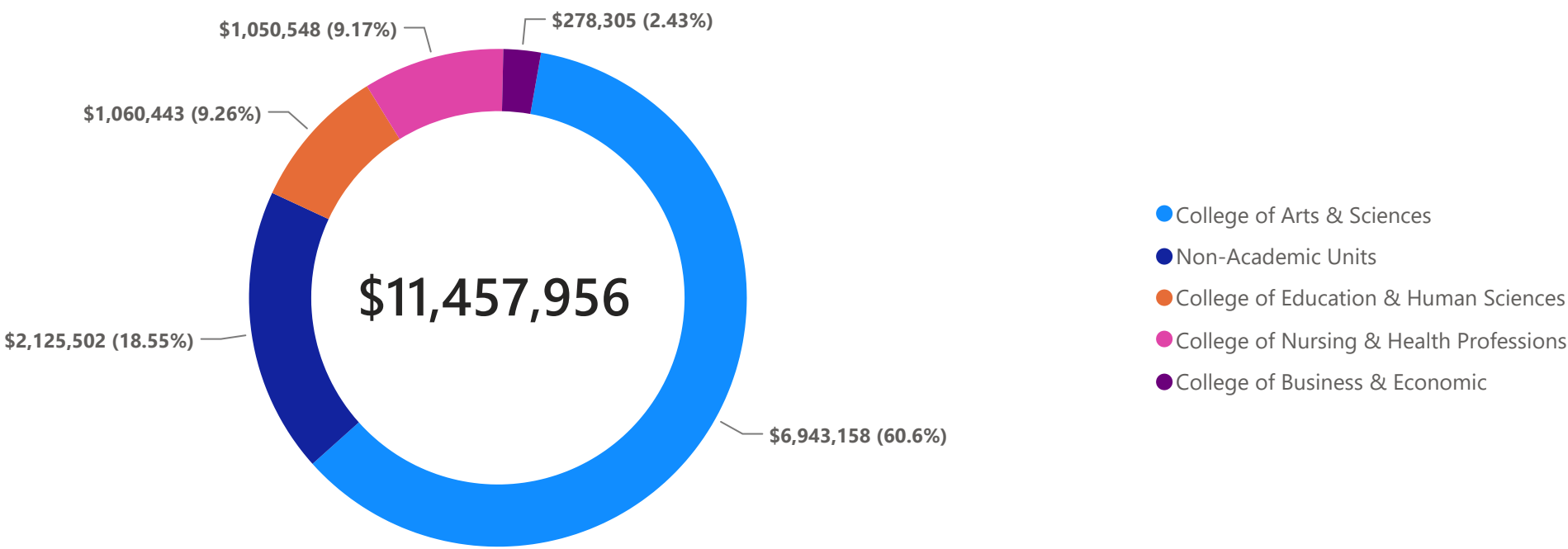
Proposal Activity								
05/01/2026 - 05/31/2026								
Prime Sponsor	Sponsor	Amount	Title	Submitted Date	Project Start	Project End	PI	CO-PI
National Oceanic and Atmospheric Administration	NOS Office of Coast Survey (OCS)	\$8,499,807	Ocean and Coastal Mapping Center 2026	5/11/2026	10/1/2026	9/30/2031	Stephan Howden	Anand Hiroji, Brandy Armstrong, Carlton Anderson, George Raber, Gregory Carter, Jennifer Norwood, Jeremy Wiggert, Johnson Oguntuase, Maxwell Woolsey, Md Mamunur Rashid, Mustafa Cambazoglu, Vishwamithra Sunkara
National Institutes of Health	National Institute of General Medical Sciences	\$6,804,889	Redox-Gated Condensates: Decoding and Engineering the Molecular Grammar of Cysteine-Rich Intrinsically Disordered Proteins	5/27/2026	4/1/2027	3/30/2032	Vijay Rangachari	Tristan Clemons
U.S. Department of Health and Human Services	Mississippi Department of Human Services	\$2,644,774	Mississippi Early Childhood Inclusion Center 2026-2027	5/26/2026	10/1/2026	9/30/2027	Alicia Westbrook	Jeremy Higgs
U.S. Department of Commerce	National Oceanic and Atmospheric Administration	\$2,358,991	Southeast Area Monitoring and Assessment Program (SEAMAP)	5/22/2026	4/1/2026	3/31/2030	Jill Hendon	
National Science Foundation	Mississippi State University	\$2,040,019	NQNI: The Mississippi Bio-Nano and Quantum Partnership (MS-BNQP)	5/12/2026	1/4/2027	1/3/2031	Tristan Clemons	Tristan Clemons
U.S. Department of Health and Human Services	National Institutes of Health	\$1,965,847	A Supramolecular Polymer Approach to Chaperone Mediated Autophagy (CMA) Targeted Protein Degradation	5/26/2026	4/1/2027	3/31/2032	Tristan Clemons	
The National Academies	The National Academies	\$1,286,194	Geospatial Mapping and Climate Risk Assessment of Gulf Offshore Legacy Oil and Gas Wells	5/29/2026	11/1/2026	4/30/2030	Wokil Bam	George Raber, Stephan Howden, Vishwamithra Sunkara
National Science Foundation	National Science Foundation	\$1,200,000	NSF: TTP-T: Architected commodity plastics-derived porous sorbents for atmospheric water harvesting	5/14/2026	2/1/2027	1/31/2030	Zhe Qiang	Marjuyua Lartey
U.S. Department of Agriculture	University of Mississippi	\$1,056,737	Institute of Child Nutrition Grant Year 2026	5/11/2026	7/1/2026	3/31/2029	Marjuyua Lartey	
U.S. Department of Energy	U.S. Department of Energy	\$991,147	Advances in Polyacrylonitrile Precursor Chemistry for Next-Generation Domestic Carbon Fiber Manufacturing	5/19/2026	9/1/2026	8/31/2030	Tristan Clemons	Diana Bernstein, Md Mamunur Rashid
U.S. Department of Energy	Bethune-Cookman University	\$898,230	Southeast Regional Maritime-Energy Hub for Port Hazard Reduction and Operational Stability	5/18/2026	9/1/2026	8/31/2029	Vishwamithra Sunkara	
U.S. Department of Energy	U.S. Department of Energy	\$747,223	AI-Powered, Secure, Distributed Energy-Related Rare Material Discovery Schemes from Produced Water in Petroleum Sites	5/1/2026	7/1/2026	3/31/2027	Ahmed Sherif	Alexandre Marques
National Institutes of Health	National Institutes of Health	\$710,795	Biochemical Regulation of TLR4 Sensing and Host Survival Signaling by Trypanosoma cruzi Tc85 Phospho-motifs.	5/26/2026	4/1/2027	3/30/2031	Alexandre Marques	
Mississippi Department of Transportation	Mississippi Department of Transportation	\$557,337	Strategic Funding Vision for the Mississippi Real Time GNSS Network	5/11/2026	7/1/2026	6/30/2027	Gregory Carter	Carlton Anderson
U.S. Department of Health and Human Services	Mississippi Department of Human Services	\$529,546	Mississippi Early Childhood Inclusion Center Lift R&R 2026-2027	5/26/2026	10/1/2026	9/30/2027	Alicia Westbrook	Wei Wu
U.S. Environmental Protection Agency	University of South Alabama	\$449,961	A Collaborative, Farmer-Led Initiative for Nutrient and Erosion Control in the Gulf Coast Region	5/28/2026	1/1/2027	12/31/2031	Wei Wu	
U.S. Department of Energy	U.S. Department of Energy	\$444,821	AI-Driven Digital Twin Modeling of Coupled Surface-Groundwater Systems for Water-Energy Resilience	5/1/2026	8/1/2026	4/30/2027	Wei Wu	Chao Meng
U.S. Department of Agriculture	National Institute of Food & Agriculture	\$400,000	Enhancing the Sustainability and Competitiveness of Southern Beef Cattle Farms through Alternative Marketing Channels	5/7/2026	9/1/2026	8/31/2029	Chao Meng	
Mississippi Department of Mental Health	Mississippi Department of Mental Health	\$382,222	MS Wraparound Institute 2025-2026	5/7/2026	7/1/2025	6/30/2026	Billie Brazeal	Susan Hrostowski
National Oceanic and Atmospheric Administration	Mississippi State University	\$362,588	Bottom Hypoxia Mapping using Uncrewed Surface Vehicles	5/27/2026	7/1/2026	6/30/2027	Vishwamithra Sunkara	Jerome Kolbo
U.S. Department of Health and Human Services	Mississippi Department of Child Protection Services	\$288,324	Title IV-E MAP Reinvestment/Reallocation Account	5/7/2026	5/7/2026	9/29/2050	Jerome Kolbo	
Office of Naval Research	BLUEiQ	\$236,600	Distributed Low-Power Edge AI for Passive Acoustic Intelligence	5/4/2026	6/1/2026	5/31/2029	Robert Coniglione	Landry Bernard
The National Academies	The National Academies	\$199,675	Southern Miss Gulf Scholars Program	5/18/2026	10/1/2026	3/31/2029	Rachel Svatek	Mehmet Bayraktar
Mississippi State Board of Contractors	Mississippi State Board of Contractors	\$197,000	FY2026 Construction Education Fund	5/5/2026	5/20/2026	6/30/2029	Mehmet Bayraktar	
National Center for Teacher Residencies	National Center for Teacher Residencies	\$149,643	Golden Eagle Teacher Resident Supports	5/6/2026	8/1/2026	4/30/2027	Andrea Krell	Erica Stephens, James Howell
National Science Foundation	National Science Foundation	\$114,000	Microwave-Assisted Graphene-Mediated Activation and Oxidation of Microplastics: Reaction Engineering of a Rapid, Low-Energy Aqueous Process	5/14/2026	1/15/2027	1/14/2030	Olivia McNair	
Hattiesburg Public School District	Hattiesburg Public School District	\$102,252	Hattiesburg Public School District Psychology Externship 2026-27	5/12/2026	8/1/2026	7/31/2027	Zachary LaBrot	Brad Dufrene, Emily DeFouw, Kourtney Kromminga, Margaret Powell
Will's Way, LLC	Will's Way, LLC	\$94,196	Will's Way Psychology Externship 2026-27	5/30/2026	8/1/2026	7/31/2027	Brad Dufrene	Emily DeFouw, Eric Dahlen, Freddie Pastrana Rivera, Melanie Leuty Blackwell
The National Academies	Mississippi State University	\$91,498	Turkey Creek Resilient Community Master Class	5/29/2026	11/1/2026	10/31/2029	David Holt	David Holt, Rachel Svatek
The National Academies	Steps Coalition	\$76,966	Resilient Futures STEM Leadership Academy	5/18/2026	10/1/2026	9/30/2027	Jennifer Walker	
The National Academies	The National Academies	\$74,999	Gulf Research Program Early Career Research Fellowship: Environment Track	5/28/2026	12/1/2026	11/30/2028	Songjie He	Carl Reese
U.S. Department of the Interior	U.S. Geological Survey	\$64,205	Pedological discrimination of alluvial terraces in southeastern Mississippi through sedimentological and geochemical criteria, the Lucedale quadrangle	5/26/2026	8/1/2026	12/31/2027	Franklin Heitmuller	
Mississippi Department of Education	Mississippi Department of Education	\$58,689	World Class Teaching Program	5/6/2026	7/1/2025	6/30/2026	Robin Atwood	Eric Powell
National Science Foundation	National Science Foundation	\$54,000	Development of a coupled population dynamics-fishery model for ocean quahogs: step 1 – demographics; focus on regional and temporal shifts in range	5/27/2026	7/1/2026	6/30/2027	Eric Powell	
Marion County Schools	Marion County Schools	\$52,626	Marion County School District Psychology Externship 2026-27	5/26/2026	8/1/2026	7/31/2027	Zachary LaBrot	Kourtney Kromminga
The National Academies	The National Academies	\$49,999	Transforming Models into User-Driven Decision Support Tools	5/18/2026	10/1/2026	9/30/2027	Wei Wu	Patrick Biber
Five County Child Development Program, Inc.	Five County Child Development Program, Inc.	\$48,598	Five County Head Start Externship 2026-27	5/1/2026	8/1/2026	6/30/2027	Margaret Powell	Brad Dufrene, Zachary LaBrot
Richton School District	Richton School District	\$28,063	Richton School District School Psychology Externship 2026-27	5/1/2026	8/1/2026	7/31/2027	Kourtney Kromminga	Emily DeFouw
Aerospace and Electronic Systems Society	Aerospace and Electronic Systems Society	\$24,999	AI-Powered, Secure, Privacy-Aware, and Hardware-Acceleration Cybersecure Avionic Operations for Drone Systems.	5/14/2026	7/1/2026	10/1/2026	Ahmed Sherif	Todd Kilbourne
South Mississippi State Hospital	South Mississippi State Hospital	\$19,999	South Mississippi State Hospital Externship	5/30/2026	8/1/2026	7/31/2027	Freddie Pastrana Rivera	Jason Tripp
National Oceanic and Atmospheric	University of North Carolina Wilmington	\$18,307	FGBNMS 2026 Nancy Foster ROV Cruise	5/4/2026	5/1/2026	7/31/2026	Jason Tripp	
		\$36,413,632						

Proposal Totals by College YoY

05/01/2026 - 05/31/2026

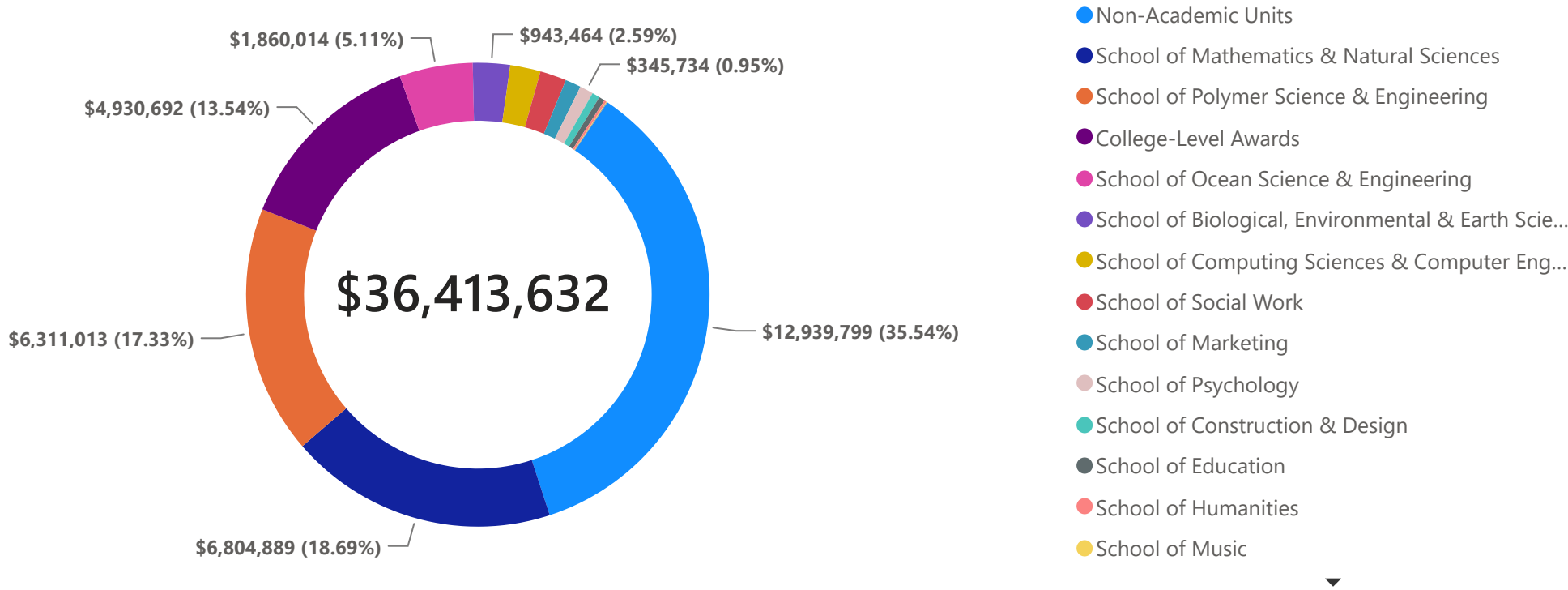


05/01/2025 - 05/31/2025



Proposal Totals by School YoY

05/01/2026 - 05/31/2026



05/01/2025 - 05/31/2025

