



THE UNIVERSITY OF
SOUTHERN MISSISSIPPI®

Report of Proposals and Awards
For May
Fiscal Year 2025

Two Year Comparison

Funding Dollars

2024 May	\$3,650,809		
2025 May	\$6,443,503	\$2,792,694	Over/Under for the month
YTD FY24	\$115,683,013	\$115,683,013	
YTD FY25	\$75,225,365	(\$40,457,648)	Over/Under for the year

Funded Projects

2024 May	24		
2025 May	18	(6)	Over/Under for the month
YTD FY24	271		
YTD FY25	274	3	Over/Under for the year

Submitted Projects

2024 May	47		
2025 May	56	9	Over/Under for the month
YTD FY24	307		
YTD FY25	383	76	Over/Under for the year

Monthly YTD

	FY 2024			FY 2025		
	Submitted	Funded	Dollars	Submitted	Funded	Dollars
July	39	17	\$5,314,645	36	27	\$10,132,831
August	32	46	\$43,971,752	39	29	\$8,789,907
September	35	28	\$11,857,595	33	42	\$17,088,239
October	20	35	\$15,365,255	26	29	\$10,564,659
November	26	21	\$2,615,727	39	25	\$2,447,007
December	22	18	\$9,314,837	12	12	\$3,700,599
January	19	35	\$8,034,566	27	20	\$5,029,909
February	29	29	\$2,787,541	37	30	\$4,097,810
March	49	19	\$2,404,825	51	24	\$3,386,974
April	36	23	\$14,016,270	27	18	\$3,543,927
May	47	24	\$3,650,809	56	18	\$6,443,503
June	66	36	\$5,916,030	0	0	\$0
Totals to Date	420	331	\$125,249,852	383	274	\$75,225,365

THE UNIVERSITY OF SOUTHERN MISSISSIPPI
Grants and Awards Received
05/01/2025 - 05/31/2025

College of Arts and Sciences			
PRIME SPONSOR:U.S. Department of the Interior		PROJECT TITLE:	Development and validation of eDNA methodology for the Dusky Gopher Frog
AWARD NUMBER:		SPONSOR AMOUNT:	46,268
PROPOSAL ID: GM009947		PROJECT BEGIN DATE:	01-JAN-2025
PROJECT: 8007646		PROJECT END DATE:	31-DEC-2025
PI: Phillips,Nicole		DISCIPLINE:	Ecology and Organismal Biology
School of Biological, Earth, a TOTAL			46,268
PRIME SPONSOR:Mississippi State Board of Contractors		PROJECT TITLE:	FY2025 Construction Education Fund
AWARD NUMBER:		SPONSOR AMOUNT:	200,000
PROPOSAL ID: GM009941		PROJECT BEGIN DATE:	16-MAY-2025
PROJECT: 8007636		PROJECT END DATE:	30-JUN-2028
PI: Bayraktar,Mehmet		DISCIPLINE:	Construction and Design
School of Construction and Des TOTAL			200,000
PRIME SPONSOR:U.S. Department of Defense		PROJECT TITLE:	Parallel Research in Oceanography, Numerical Modeling, Ocean Bio-Optics, and Physical Processes
AWARD NUMBER: N00173-20-2-C005		SPONSOR SUPP FUND:	34,464 *
PROPOSAL ID: GM008944		PROJECT BEGIN DATE:	01-MAY-2020
PROJECT: 8006517		PROJECT END DATE:	30-APR-2026
PROJECT: 8007300			
PROJECT: 8007335			
PROJECT: 8007454			
PROJECT: 8007629			
PI: Trott,Corinne Beverly		DISCIPLINE:	Marine Science
COPI: Netchaev,Dmitri A			
COPI: Howden,Stephan D			
PRIME SPONSOR:U.S. Department of Defense		PROJECT TITLE:	Task 5 - Parallel Research in Oceanography, Numerical Modeling, Ocean Bio-Optics, and Physical Processes
AWARD NUMBER: N00173-20-2-C005		SPONSOR SUPP FUND:	87,012 *
PROPOSAL ID: GM008946		PROJECT BEGIN DATE:	01-MAY-2020
PROJECT: 8006519		PROJECT END DATE:	30-APR-2026
PI: Netchaev,Dmitri A		DISCIPLINE:	Marine Science
PRIME SPONSOR:U.S. Department of Defense		PROJECT TITLE:	Diagnosis and Validation of the Time and Spatial Variability of Remotely Generated Internal Waves in Global Ocean Simulations
AWARD NUMBER: N00014-22-1-2576		SPONSOR SUPP FUND:	35,500 *
PROPOSAL ID: GM009386		PROJECT BEGIN DATE:	01-SEP-2022
PROJECT: 8006988		PROJECT END DATE:	31-AUG-2026
PI: Buijsman,Maarten		DISCIPLINE:	Marine Science
PRIME SPONSOR:National Science Foundation		PROJECT TITLE:	Regional Class Research Vessels Program (Phase III)
AWARD NUMBER: 131347041		SPONSOR SUPP FUND:	35,000 *
PROPOSAL ID: GM008980		PROJECT BEGIN DATE:	01-SEP-2019
PROJECT: 8006553		PROJECT END DATE:	01-JUL-2026
PI: Hamdan,Leila J		DISCIPLINE:	School of Ocean Science and En

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School of Ocean Science and En TOTAL		191,976
PRIME SPONSOR:U.S. Department of Defense	PROJECT TITLE: Modeling of Shockwave Behavior in Search of Optimal Materials for Blast Energy Dissipation	
AWARD NUMBER: W912HZ-25-2-0014	SPONSOR AMOUNT: 115,418	
PROPOSAL ID: GM009938	PROJECT BEGIN DATE: 07-MAY-2025	
PROJECT: 8007633	PROJECT END DATE: 06-MAY-2026	
PI: Nazarenko, Sergei	DISCIPLINE: Polymer Science and Engineerin	
COPI: Olson,Brian G		
School of Polymer Science and TOTAL		115,418
TOTAL College of Arts and Sciences		553,662
College of Education and Human Sciences		
PRIME SPONSOR:ARRIS Composites, Inc.	PROJECT TITLE: Effect of integrated composite plate insole (sock liner) upon functional vertical jump	
AWARD NUMBER:	SPONSOR AMOUNT: 10,000	
PROPOSAL ID: GM009936	PROJECT BEGIN DATE: 12-MAY-2025	
PROJECT: 8007631	PROJECT END DATE: 11-MAY-2026	
PI: Donahue,Paul Tyler	DISCIPLINE: Kinesiology	
COPI: Thorsen,Tanner Austin		
COPI: Piland,Scotty G		
School of Kinesiology & Nutrit TOTAL		10,000
PRIME SPONSOR:Pearl River Valley Opportunity, Inc.	PROJECT TITLE: PRVO Psychology Externship Project 2025	
AWARD NUMBER:	SPONSOR AMOUNT: 22,900	
PROPOSAL ID: GM009939	PROJECT BEGIN DATE: 01-AUG-2025	
PROJECT: 8007634	PROJECT END DATE: 31-JUL-2026	
PI: LaBrot,Zachary C	DISCIPLINE: Psychology	
COPI: Powell,Margaret Bernheim		
PRIME SPONSOR:Columbia School District	PROJECT TITLE: CSD Psychology Externship Project 2025	
AWARD NUMBER:	SPONSOR AMOUNT: 23,900	
PROPOSAL ID: GM009940	PROJECT BEGIN DATE: 01-AUG-2025	
PROJECT: 8007635	PROJECT END DATE: 31-JUL-2026	
PI: LaBrot,Zachary C	DISCIPLINE: Psychology	
COPI: DeFouw,Emily Rogers		
School of Psychology TOTAL		46,800
PRIME SPONSOR:Bower Foundation	PROJECT TITLE: Bower Foundation Pathways 2025-2030	
AWARD NUMBER: C2025-301	SPONSOR AMOUNT: 437,958	
PROPOSAL ID: GM009942	PROJECT BEGIN DATE: 01-MAY-2025	
PROJECT: 8007639	PROJECT END DATE: 01-NOV-2031	
PI: Lahasky,Rachel Spinner	DISCIPLINE: Social Work	
School of Social Work TOTAL		437,958
TOTAL College of Education and Human Sciences		494,758
College of Nursing and Health Professions		

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PRIME SPONSOR:United Way of Southeast Mississippi	PROJECT TITLE:United Way of SE MS FY26 and FY27 - Childrens Center
AWARD NUMBER:	SPONSOR AMOUNT:74,554
PROPOSAL ID: GM009934	PROJECT BEGIN DATE: 01-APR-2025
PROJECT: 8007627	PROJECT END DATE: 31-MAR-2027
PI: Myers,Sarah R	DISCIPLINE: Speech and Hearing Science
COPI: Cloud,Steven J	
PRIME SPONSOR:Mississippi Department of Education	PROJECT TITLE:DuBard School Extended School Year - FY25
AWARD NUMBER:	SPONSOR AMOUNT:110,774
PROPOSAL ID: GM009946	PROJECT BEGIN DATE: 20-MAY-2025
PROJECT: 8007645	PROJECT END DATE: 31-JUL-2025
PI: Eavenson,Alison S	DISCIPLINE: Speech and Hearing Science
COPI: Cloud,Steven J	
School of Speech & Hearing Sci TOTAL	
185,328	
TOTAL College of Nursing and Health Professions	
185,328	

Vice President for Research

PRIME SPONSOR:Neuro Community Care LLC	PROJECT TITLE:Wounded Warrior Independence Program
AWARD NUMBER:	SPONSOR SUPP FUND:15,330 *
PROPOSAL ID: GM006698	PROJECT BEGIN DATE: 04-DEC-2014
PROJECT: GR05241	PROJECT END DATE: 16-JAN-2026
PI: Baker,Richard W	DISCIPLINE: Institute for Disability Study
COPI: Young,Rebekah	
COPI: Bryant,Nona	
PRIME SPONSOR:U.S. Dept of Health and Human Services	PROJECT TITLE:Empowering Pathways to Independence (EPI)
AWARD NUMBER:	SPONSOR AMOUNT:59,485
PROPOSAL ID: GM009935	PROJECT BEGIN DATE: 01-APR-2025
PROJECT: 8007630	PROJECT END DATE: 30-SEP-2026
PI: Mullins,Scott Nelson	DISCIPLINE: Institute for Disability Study
PRIME SPONSOR:U.S. Department of Commerce	PROJECT TITLE:USM-MPI MEP Center
AWARD NUMBER: MEP 2026-3	SPONSOR AMOUNT:50,000
PROPOSAL ID: GM009945	PROJECT BEGIN DATE: 01-APR-2025
PROJECT: 8007644	PROJECT END DATE: 30-SEP-2025
PI: Tisack,Monica	DISCIPLINE: Mississippi Polymer Science In
PRIME SPONSOR:MS Department of Marine Resources	PROJECT TITLE:Annual Seatrout juvenile Production costs for 20,000 to 30,000 6-8 inch seatrout (15-20 cm, 180-250 days/ run).
AWARD NUMBER: 8200077342	SPONSOR AMOUNT:84,940
PROPOSAL ID: GM009933	PROJECT BEGIN DATE: 01-APR-2025
PROJECT: 8007626	PROJECT END DATE: 30-MAR-2026
PI: Blaylock,Reginald B	DISCIPLINE: Thad Cochran Marine Aquacultur
COPI: Apeitos,Angelos	
PRIME SPONSOR:U.S. Department of Commerce	PROJECT TITLE:Data Assembly Hub for Uncrewed Systems
AWARD NUMBER: NA25NESX469G0005-T1-01	SPONSOR AMOUNT:5,000,000
PROPOSAL ID: GM009944	PROJECT BEGIN DATE: 01-SEP-2025
PROJECT: 8007643	PROJECT END DATE: 31-AUG-2029
PI: Jones,Henry L	DISCIPLINE: Vice President for Research
COPI: Hill,Joshua B	

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Vice President for Research TOTAL	5,209,755
TOTAL Vice President for Research	5,209,755
GRAND TOTAL	6,443,503

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-MAY-2025 - 31-MAY-2025

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Prime Sponsor: National Science Foundation Direct Sponsor: Mississippi State University Status: Submitted Submitted Date: 29-MAY-2025 PI: Donald A Yee CPI: Mac Haverson Alford	Project Title: Connecting genotypes to phenotypes for medically important Aedes mosquitoes Sponsor Amount: 74,917.00 Project Begin Date: 01-SEP-2025 Project End Date: 28-FEB-2027 Discipline: Cell and Molecular Biology School: School of Biological, Earth, a
Prime Sponsor: National Science Foundation Direct Sponsor: Mississippi State University Status: Submitted Submitted Date: 22-MAY-2025 PI: Nicole J Camlin CPI: Alexandre F Marques CPI: Ramesh Rijal CPI: Vijay Rangachari CPI: Shahid Karim	Project Title: Acquisition of an Innova 42R Double Stack Incubator for Diverse Biological Research Sponsor Amount: 37,655.00 Project Begin Date: 01-AUG-2025 Project End Date: 31-AUG-2026 Discipline: Cell and Molecular Biology School: School of Biological, Earth, a
Prime Sponsor: National Science Foundation Direct Sponsor: Mississippi State University Status: Submitted Submitted Date: 23-MAY-2025 PI: Shahid Karim CPI: Michael Zachary Darnell	Project Title: Single Cell Transcriptome atlas of Blue Crab Hemocytes Sponsor Amount: 75,000.00 Project Begin Date: 15-AUG-2025 Project End Date: 14-AUG-2026 Discipline: Cell and Molecular Biology School: School of Biological, Earth, a
Prime Sponsor: National Science Foundation Direct Sponsor: Mississippi State University Status: Submitted Submitted Date: 22-MAY-2025 PI: Alexandre F Marques	Project Title: Defining ?-Gal Distribution in Mosquito Vectors to Enable Innovative Immunoengineering-Based Control Strategies Sponsor Amount: 74,997.00 Project Begin Date: 01-SEP-2025 Project End Date: 28-FEB-2027 Discipline: Cell and Molecular Biology School: School of Biological, Earth, a
Prime Sponsor: National Science Foundation Direct Sponsor: Mississippi State University Status: Submitted Submitted Date: 28-MAY-2025 PI: Hao Xu	Project Title: Novel TNF Secretion Assays Sponsor Amount: 75,001.00 Project Begin Date: 01-NOV-2025 Project End Date: 31-MAY-2027 Discipline: Cell and Molecular Biology School: School of Biological, Earth, a

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Prime Sponsor: National Science Foundation	Project Title: Development of a Novel Protein-Targeting Knockout Methodology for Studying Phospho-regulation in Mammalian Oocytes
Direct Sponsor: Mississippi State University	Sponsor Amount: 75,000.00
Status: Submitted	Project Begin Date: 01-AUG-2025
Submitted Date: 21-MAY-2025	Project End Date: 31-DEC-2026
PI: Nicole J Camlin	Discipline: Cell and Molecular Biology
	School: School of Biological, Earth, a
Prime Sponsor: National Science Foundation	Project Title: Autophagy as an Antibacterial Mechanism Against Listeria Infection in Mouse Trophoblasts
Direct Sponsor: Mississippi State University	Sponsor Amount: 75,000.00
Status: Submitted	Project Begin Date: 15-SEP-2025
Submitted Date: 29-MAY-2025	Project End Date: 14-FEB-2027
PI: YanLin Guo	Discipline: Cell and Molecular Biology
	School: School of Biological, Earth, a
Prime Sponsor: U.S. Department of the Interior	Project Title: Non-target effects of Red Imported Fire Ant (<i>Solenopsis invicta</i>) control baits on the imperiled Florida Harvester Ant (<i>Pogonomyrmex badius</i>) in Mississippi
Direct Sponsor: Mississippi Department of Wildlife Fisheries & Parks	Sponsor Amount: 61,909.00
Status: Submitted	Project Begin Date: 01-JAN-2026
Submitted Date: 06-MAY-2025	Project End Date: 31-DEC-2026
PI: Kaitlin M Baudier	Discipline: Ecology and Organismal Biology
	School: School of Biological, Earth, a
Prime Sponsor: National Science Foundation	Project Title: Alpha-Gal Syndrome: Exploring ecological factors in the southern range contraction of the Lone Star Tick (<i>Amblyomma americanum</i>)
Direct Sponsor: Mississippi State University	Sponsor Amount: 75,000.00
Status: Submitted	Project Begin Date: 01-JAN-2026
Submitted Date: 30-MAY-2025	Project End Date: 30-JUN-2027
PI: Kaitlin M Baudier	Discipline: Ecology and Organismal Biology
CPI: Kayla Dawne Stan	School: School of Biological, Earth, a
CPI: Shahid Karim	
Prime Sponsor: U.S. Department of the Interior	Project Title: Development and validation of eDNA methodology for the Dusky Gopher Frog
Direct Sponsor: Mississippi Department of Wildlife Fisheries & Parks	Sponsor Amount: 61,765.00
Status: Submitted	Project Begin Date: 01-JAN-2025
Submitted Date: 01-MAY-2025	Project End Date: 31-DEC-2025
PI: Nicole Phillips	Discipline: Ecology and Organismal Biology
	School: School of Biological, Earth, a

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Prime Sponsor: U.S. Department of the Interior	Project Title: Status, Conservation Genomics, and Habitat Use of the Eastern Chicken Turtle in - Mississippi
Direct Sponsor: Mississippi Department of Wildlife Fisheries & Parks	Sponsor Amount: 117,662.00
Status: Submitted	Project Begin Date: 01-JAN-2026
Submitted Date: 28-MAY-2025	Project End Date: 31-DEC-2027
PI: Brian Robert Kreiser	Discipline: Ecology and Organismal Biology
	School: School of Biological, Earth, a
Prime Sponsor: National Science Foundation	Project Title: Revealing Exploitative Child Labor Hotspots and Access to Care Gaps in the south-eastern USA using machine learning algorithms and geospatial analytics
Direct Sponsor: Mississippi State University	Sponsor Amount: 57,221.00
Status: Submitted	Project Begin Date: 01-NOV-2025
Submitted Date: 28-MAY-2025	Project End Date: 31-MAY-2027
PI: Kayla Dawne Stan	Discipline: Geography & Geology
CPI: Kimberly Ann Hogan	School: School of Biological, Earth, a
Prime Sponsor: Mississippi State University	Project Title: Slim Pickins of Early Pliocene Plant Sites in North America: A New Locality Representing a New Depositional Environment in Southern Mississippi
Direct Sponsor: Mississippi State University	Sponsor Amount: 74,972.00
Status: Submitted	Project Begin Date: 01-SEP-2025
Submitted Date: 30-MAY-2025	Project End Date: 01-MAR-2027
PI: Alyson Alayne Brink	Discipline: Geography & Geology
CPI: Mac Haverson Alford	School: School of Biological, Earth, a
Prime Sponsor: National Science Foundation	Project Title: Instrumentation Acquisition Award: X-ray Diffraction Analysis, Training and Research Across Geology and Chemistry
Direct Sponsor: Mississippi State University	Sponsor Amount: 92,709.00
Status: Submitted	Project Begin Date: 01-AUG-2025
Submitted Date: 29-MAY-2025	Project End Date: 31-JUL-2026
PI: Jeremy R Deans	Discipline: Geography & Geology
	School: School of Biological, Earth, a
School of Biological, Earth, a TOTAL:	
1,028,808.00	

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Prime Sponsor: National Science Foundation	Project Title: Label-Free, Non-Destructive Analysis of Mixed Forensic Evidence via Raman Imaging and MCR-ALS Deconvolution
Direct Sponsor: Mississippi State University	Sponsor Amount: 75,000.00
Status: Submitted	Project Begin Date: 01-SEP-2025
Submitted Date: 30-MAY-2025	Project End Date: 28-FEB-2027
PI: Xuyang He	Discipline: Criminal Justice, Forensic Sci
	School: ASCJFS
ASCJFS TOTAL: 75,000.00	
Prime Sponsor: Mississippi State Board of Contractors	Project Title: FY2025 Construction Education Fund
Direct Sponsor: Mississippi State Board of Contractors	Sponsor Amount: 200,000.00
Status: Submitted	Project Begin Date: 16-MAY-2025
Submitted Date: 05-MAY-2025	Project End Date: 30-JUN-2028
PI: Mehmet Emre Bayraktar	Discipline: School of Construction and Des
	School: ASCODS
ASCODS TOTAL: 200,000.00	
Prime Sponsor: The National Academies	Project Title: Resilient Gulf: Empowering Communities with Environmental Literacy through Strategic Communication
Direct Sponsor: The National Academies	Sponsor Amount: 708,798.00
Status: Submitted	Project Begin Date: 01-OCT-2025
Submitted Date: 21-MAY-2025	Project End Date: 30-SEP-2028
PI: Jae-Hwa Shin	Discipline: Journalism, Public Relations
	School: ASCOMM
ASCOMM TOTAL: 708,798.00	
Prime Sponsor: National Science Foundation	Project Title: AI-Powered, Secure, Privacy-Aware, and Hardware Acceleration-based Electrical Vehicle (EV) Charging System
Direct Sponsor: Mississippi State University	Sponsor Amount: 74,999.00
Status: Submitted	Project Begin Date: 15-AUG-2025
Submitted Date: 29-MAY-2025	Project End Date: 15-FEB-2027
PI: Ahmed Bayoumi Tawfic Sherif	Discipline: Computing Sciences & Computer
	School: ASCSCE
ASCSCE TOTAL: 74,999.00	

Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: Leveraging AI-Enhanced Analysis of Structured and Unstructured Electronic Health-Record (EHR) Data to Improve Detection and Prognostic Modeling of Inflammatory -reast Cancer
Direct Sponsor: AIM-AHEAD	Sponsor Amount: 48,994.00
Status: Submitted	Project Begin Date: 02-SEP-2025
Submitted Date: 25-MAY-2025	Project End Date: 01-SEP-2026
PI: Aleise Henry McGowan	Discipline: Computing Sciences & Computer
	School: ASCSCE
ASCSCE TOTAL: 48,994.00	
Prime Sponsor: National Science Foundation	Project Title: Collaborative Research:RI:Small: Use-Inspired RL for Many-Agent Contexts: Co-ope-tition, Partial Observability, and Dynamic Types
Direct Sponsor: National Science Foundation	Sponsor Amount: 299,739.00
Status: Submitted	Project Begin Date: 01-JAN-2026
Submitted Date: 25-MAY-2025	Project End Date: 31-DEC-2028
PI: Bikramjit Banerjee	Discipline: Computing Sciences & Computer
	School: ASCSCE
ASCSCE TOTAL: 299,739.00	
Prime Sponsor: National Science Foundation	Project Title: Energy Landscapes of Spin Glasses on Archimedean and Laves Lattices
Direct Sponsor: Mississippi State University	Sponsor Amount: 65,074.00
Status: Submitted	Project Begin Date: 01-SEP-2025
Submitted Date: 30-MAY-2025	Project End Date: 28-FEB-2027
PI: Katja Biswas	Discipline: Physics & Astronomy
	School: ASMANS
ASMANS TOTAL: 65,074.00	
Prime Sponsor: National Science Foundation	Project Title: Investigating and communicating compound flood hazards and risks in the coastal -Mississippi for informed decision making and improved community resilience
Direct Sponsor: Mississippi State University	Sponsor Amount: 75,002.00
Status: Submitted	Project Begin Date: 01-OCT-2025
Submitted Date: 28-MAY-2025	Project End Date: 31-MAR-2027
PI: Md Mamunur Rashid	Discipline: Coastal Sciences
CPI: Mohammed Mizanur Rashid	School: ASOSAE
ASOSAE TOTAL: 75,002.00	

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Prime Sponsor: U.S. Department of Commerce	Project Title: Community-Driven Nature-Based Solutions for Cultural Heritage Protection and Flo- od/Erosion Mitigation
Direct Sponsor: Mississippi-Alabama Sea Grant Consortium	Sponsor Amount: 362,879.00
Status: Submitted	Project Begin Date: 01-FEB-2026
Submitted Date: 23-MAY-2025	Project End Date: 31-JAN-2028
PI: Wei Wu	Discipline: Coastal Sciences
CPI: Patrick D Biber	School: ASOSAE
ASOSAE TOTAL: 362,879.00	
Prime Sponsor: National Science Foundation	Project Title: Ecosystem Function and Seasonal Greenhouse Gas Exchange in Salt Marshes with Con- trasting Salinity and Hydrology
Direct Sponsor: Mississippi State University	Sponsor Amount: 74,989.00
Status: Submitted	Project Begin Date: 01-SEP-2025
Submitted Date: 30-MAY-2025	Project End Date: 28-FEB-2027
PI: Songjie He	Discipline: Coastal Sciences
	School: ASOSAE
ASOSAE TOTAL: 74,989.00	
Prime Sponsor: National Science Foundation	Project Title: Integrated Monitoring and Modeling of Sediment and Water Quality Dynamics in the- Lower Pearl River
Direct Sponsor: Mississippi State University	Sponsor Amount: 99,950.00
Status: Submitted	Project Begin Date: 15-AUG-2025
Submitted Date: 30-MAY-2025	Project End Date: 14-AUG-2027
PI: Mahdi Razaz	Discipline: Marine Science
CPI: Chelsea Lynn Hanrahan	School: ASOSAE
CPI: Scott P Milroy	
CPI: Mustafa Kemal Cambazoglu	
ASOSAE TOTAL: 99,950.00	
Prime Sponsor: National Science Foundation	Project Title: Improving V-Datum's Model for the Louisiana and Mississippi Gulf Coast Using Mac- hine Learning Methods
Direct Sponsor: Mississippi State University	Sponsor Amount: 74,595.00
Status: Submitted	Project Begin Date: 01-SEP-2025
Submitted Date: 30-MAY-2025	Project End Date: 28-FEB-2027
PI: Johnson Olusegun Oguntuase	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 74,595.00	

Prime Sponsor: National Science Foundation	Project Title: Affordable GNSS Buoy Development for Sea Surface Heights Validation and Offshore-Tidal Datum Extension
Direct Sponsor: Mississippi State University	Sponsor Amount: 74,863.00
Status: Submitted	Project Begin Date: 01-SEP-2025
Submitted Date: 30-MAY-2025	Project End Date: 28-FEB-2027
PI: Johnson Olusegun Oguntuase	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 74,863.00	
Prime Sponsor: National Science Foundation	Project Title: Multi-purpose educational wave/flow flume to strengthen Mississippi's STEM and blue economy workforce development
Direct Sponsor: Mississippi State University	Sponsor Amount: 99,120.00
Status: Submitted	Project Begin Date: 15-AUG-2025
Submitted Date: 30-MAY-2025	Project End Date: 14-AUG-2026
PI: Mustafa Kemal Cambazoglu	Discipline: Marine Science
CPI: Gero A Nootz	School: ASOSAE
CPI: Joris L van der Ham	
CPI: Mahdi Razaz	
CPI: Scott P Milroy	
CPI: Maarten Buijsman	
ASOSAE TOTAL: 99,120.00	
Prime Sponsor: Board of Trustees of IHL	Project Title: Fast Preview and Autogain of 360° LiDAR Data
Direct Sponsor: Board of Trustees of IHL	Sponsor Amount: 75,000.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 02-MAY-2025	Project End Date: 31-DEC-2025
PI: Gero A Nootz	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 75,000.00	
Prime Sponsor: U.S. Department of Defense	Project Title: Parallel Research: Physics-based considerations for advancing high-resolution data assimilation
Direct Sponsor: Naval Research Laboratory	Sponsor Amount: 4,464.00
Status: Submitted	Project Begin Date: 01-MAY-2020
Submitted Date: 04-MAY-2025	Project End Date: 30-APR-2026
PI: Maarten Buijsman	Discipline: Marine Science
	School: ASOSAE

		ASOSAE TOTAL:	4,464.00
Prime Sponsor:	U.S. Department of Defense	Project Title:	Uncrewed Maritime System Certification
Direct Sponsor:	U.S. Department of the Navy	Sponsor Amount:	433,242.00
Status:	Submitted	Project Begin Date:	01-JUN-2025
Submitted Date:	13-MAY-2025	Project End Date:	31-MAY-2030
PI:	Carl Szczechowski	Discipline:	Marine Science
		School:	ASOSAE
		ASOSAE TOTAL:	433,242.00
Prime Sponsor:	U.S. Department of Commerce	Project Title:	Lower Pearl to MS Sound Sediment and Flow Dynamics: Building a Foundation for Community Resilience
Direct Sponsor:	National Oceanic and Atmospheric Admin	Sponsor Amount:	1,321,701.00
Status:	Submitted	Project Begin Date:	01-OCT-2026
Submitted Date:	12-MAY-2025	Project End Date:	30-SEP-2029
PI:	Mahdi Razaz	Discipline:	Marine Science
CPI:	Anand Devappa Hiroji	School:	ASOSAE
CPI:	Chelsea Lynn Hanrahan		
CPI:	Jessica A Kastler		
CPI:	Scott P Milroy		
CPI:	Mustafa Kemal Cambazoglu		
		ASOSAE TOTAL:	1,321,701.00
Prime Sponsor:	National Science Foundation	Project Title:	Chemical Crossroads: Quantifying Nutrient and Metal Fluxes Across the Sediment-Water Interface and Evaluating the Role of Submarine Groundwater Discharge
Direct Sponsor:	Mississippi State University	Sponsor Amount:	74,464.00
Status:	Submitted	Project Begin Date:	01-OCT-2025
Submitted Date:	22-MAY-2025	Project End Date:	31-MAR-2027
PI:	Wokil Bam	Discipline:	Marine Science
		School:	ASOSAE
		ASOSAE TOTAL:	74,464.00
Prime Sponsor:	National Science Foundation	Project Title:	Role of facies and diagenesis in carbon isotope fluctuations and implications for global carbon cycling
Direct Sponsor:	National Science Foundation	Sponsor Amount:	287,088.00
Status:	Submitted	Project Begin Date:	01-JUN-2026
Submitted Date:	27-MAY-2025	Project End Date:	31-MAY-2029
PI:	Chelsea Lynn Hanrahan	Discipline:	Marine Science
		School:	ASOSAE
		ASOSAE TOTAL:	287,088.00

Prime Sponsor:	U.S. Department of Commerce	Project Title:	Evaluating the potential for coastal resilience enhancement using residual bioma- ss injection
Direct Sponsor:	Mississippi-Alabama Sea Grant Consortium	Sponsor Amount:	377,657.00
Status:	Submitted	Project Begin Date:	01-FEB-2026
Submitted Date:	23-MAY-2025	Project End Date:	31-JAN-2028
PI:	Chelsea Lynn Hanrahan	Discipline:	Marine Science
CPI:	Songjie He	School:	ASOSAE
			ASOSAE TOTAL: 377,657.00
Prime Sponsor:	National Science Foundation	Project Title:	MALS Detector to Characterize Novel Polymers, Educate Polymer Scientist and Supp- ort Industry Partners
Direct Sponsor:	Mississippi State University	Sponsor Amount:	99,934.00
Status:	Submitted	Project Begin Date:	01-SEP-2025
Submitted Date:	30-MAY-2025	Project End Date:	28-FEB-2027
PI:	Kaden Stevens	Discipline:	Polymer Science and Engineerin
			School: ASPSAE
			ASPSAE TOTAL: 99,934.00
Prime Sponsor:	U.S. Dept of Health and Human Services	Project Title:	Mid-South REACH Cycle II: Bioactive supramolecular polymers for spray delivery a- nd enhanced skin regeneration following burn injury
Direct Sponsor:	Jackson State University	Sponsor Amount:	50,000.00
Status:	Submitted	Project Begin Date:	01-APR-2025
Submitted Date:	01-MAY-2025	Project End Date:	30-SEP-2025
PI:	Tristan De Vere Clemons	Discipline:	Polymer Science and Engineerin
			School: ASPSAE
			ASPSAE TOTAL: 50,000.00
Prime Sponsor:	National Science Foundation	Project Title:	Computational Investigation of Semi-Interpenetrating Polymer Networks
Direct Sponsor:	Mississippi State University	Sponsor Amount:	74,813.00
Status:	Submitted	Project Begin Date:	01-OCT-2025
Submitted Date:	28-MAY-2025	Project End Date:	31-MAR-2027
PI:	Boran Ma	Discipline:	Polymer Science and Engineerin
			School: ASPSAE
			ASPSAE TOTAL: 74,813.00

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Prime Sponsor: National Science Foundation	Project Title: Demystifying Thermal Conductivity of Semi-Crystalline Thermoplastic Polymer-Ceramic Composites
Direct Sponsor: Mississippi State University	Sponsor Amount: 73,190.00
Status: Submitted	Project Begin Date: 15-AUG-2025
Submitted Date: 29-MAY-2025	Project End Date: 15-FEB-2027
PI: Olivia Devon Brooks McNair	Discipline: Polymer Science and Engineerin
	School: ASPSAE
ASPSAE TOTAL: 73,190.00	
Prime Sponsor: National Science Foundation	Project Title: Sustainable Triboelectric Energy Harvesting Using 3D Printing with Catfish Bone - Waste
Direct Sponsor: Mississippi State University	Sponsor Amount: 24,997.00
Status: Submitted	Project Begin Date: 01-OCT-2025
Submitted Date: 27-MAY-2025	Project End Date: 31-MAR-2027
PI: Boran Ma	Discipline: Polymer Science and Engineerin
	School: ASPSAE
ASPSAE TOTAL: 24,997.00	
Prime Sponsor: National Science Foundation	Project Title: Nucleobase-Containing Degradable Conjugated Polymers
Direct Sponsor: Mississippi State University	Sponsor Amount: 74,986.00
Status: Submitted	Project Begin Date: 01-SEP-2025
Submitted Date: 27-MAY-2025	Project End Date: 28-FEB-2027
PI: Graham Smith Collier	Discipline: Polymer Science and Engineerin
	School: ASPSAE
ASPSAE TOTAL: 74,986.00	
Prime Sponsor: U.S. Department of Commerce	Project Title: NEXUS-Mississippi: Advancing Coastal Hazards Literacy through Teacher Education, - Informal Science & Community-Engaged Research
Direct Sponsor: The National Academies	Sponsor Amount: 608,812.00
Status: Submitted	Project Begin Date: 01-DEC-2025
Submitted Date: 20-MAY-2025	Project End Date: 30-NOV-2028
PI: Maria Ferris Greene Wallace	Discipline: Center for Stem Education
CPI: Davin Wallace	School: DEAN'S OFFICE COAL
DEAN'S OFFICE COAL TOTAL: 608,812.00	

Prime Sponsor: AAA Foundation Traffic Safety	Project Title: A Picture Tells a Thousand Circumstance Factors: A Machine Learning Approach Using Crash Site Google Street View Images to Enable New Insights into Pedestrian Fatalities
Direct Sponsor: AAA Foundation Traffic Safety	Sponsor Amount: 278,305.00
Status: Submitted	Project Begin Date: 01-OCT-2025
Submitted Date: 07-MAY-2025	Project End Date: 31-MAR-2027
PI: Yuanyuan Zhang	Discipline: School of Leadership
CPI: George Thomas Raber	School: BELEAD
BELEAD TOTAL: 278,305.00	
Prime Sponsor: American College Personnel Association	Project Title: Intersecting Identities and Campus Climates: Exploring the Experiences of LGBTQI-A+ International Students
Direct Sponsor: American College Personnel Association	Sponsor Amount: 1,453.00
Status: Submitted	Project Begin Date: 01-AUG-2025
Submitted Date: 27-MAY-2025	Project End Date: 31-JUL-2026
PI: Andrew Scott Herridge	Discipline: Educational Research and Admin
	School: EHEDUC
EHEDUC TOTAL: 1,453.00	
Prime Sponsor: University of South Carolina	Project Title: Bridging Belonging: The Role of Orientation and First-Year Seminar Programs in L-GBTQIA+ Student Transitions
Direct Sponsor: University of South Carolina	Sponsor Amount: 10,000.00
Status: Submitted	Project Begin Date: 01-OCT-2025
Submitted Date: 23-MAY-2025	Project End Date: 30-SEP-2026
PI: Andrew Scott Herridge	Discipline: Educational Research and Admin
	School: EHEDUC
EHEDUC TOTAL: 10,000.00	
Prime Sponsor: Marion County Schools	Project Title: MCSD Psychology Externship Project 2025
Direct Sponsor: Marion County Schools	Sponsor Amount: 23,900.00
Status: Submitted	Project Begin Date: 01-AUG-2025
Submitted Date: 05-MAY-2025	Project End Date: 31-JUL-2026
PI: Zachary C LaBrot	Discipline: Psychology
CPI: Margaret Bernheim Powell	School: EHPSYC
EHPSYC TOTAL: 23,900.00	

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Prime Sponsor: Columbia School District
Direct Sponsor: Columbia School District
Status: Submitted
Submitted Date: 05-MAY-2025
PI: Zachary C LaBrot
CPI: Emily Rogers DeFouw

Project Title: CSD Psychology Externship Project 2025
Sponsor Amount: 23,900.00
Project Begin Date: 01-AUG-2025
Project End Date: 31-JUL-2026
Discipline: Psychology
School: EHPSYC

EHPSYC TOTAL: 23,900.00

Prime Sponsor: Will's Way, LLC
Direct Sponsor: Will's Way, LLC
Status: Submitted
Submitted Date: 27-MAY-2025
PI: Brad A Dufrene
CPI: Emily Rogers DeFouw

Project Title: Will's Way Psych Externship 2025
Sponsor Amount: 98,626.00
Project Begin Date: 01-AUG-2025
Project End Date: 31-JUL-2026
Discipline: Psychology
School: EHPSYC

EHPSYC TOTAL: 98,626.00

Prime Sponsor: Pearl River Valley Opportunity, Inc.
Direct Sponsor: Pearl River Valley Opportunity, Inc.
Status: Submitted
Submitted Date: 01-MAY-2025
PI: Zachary C LaBrot
CPI: Margaret Bernheim Powell
CPI: Brad A Dufrene

Project Title: PRV0 Psychology Externship Project 2025
Sponsor Amount: 22,900.00
Project Begin Date: 01-AUG-2025
Project End Date: 31-JUL-2026
Discipline: Psychology
School: EHPSYC

EHPSYC TOTAL: 22,900.00

Prime Sponsor: Mississippi Department of Mental Health
Direct Sponsor: Mississippi Department of Mental Health
Status: Submitted
Submitted Date: 30-MAY-2025
PI: Susan Hrostowski
CPI: Billie Michelle Brazeal

Project Title: MS Wraparound Institute 2025-2026
Sponsor Amount: 382,222.00
Project Begin Date: 01-JUL-2025
Project End Date: 30-JUN-2026
Discipline: Social Work
School: EHSOW0

EHSOW0 TOTAL: 382,222.00

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Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: Administration for Children and Families
Status: Submitted
Submitted Date: 29-MAY-2025
PI: Kimberly Ann Hogan

Project Title: SOARing in MS Year 4
Sponsor Amount: 497,442.00
Project Begin Date: 30-SEP-2025
Project End Date: 29-SEP-2026
Discipline: Social Work
School: EHSOWO

EHSOWO TOTAL: 497,442.00

Prime Sponsor: Mississippi Department of Education
Direct Sponsor: Mississippi Department of Education
Status: Submitted
Submitted Date: 01-MAY-2025
PI: Alison Suzanne Webster
CPI: Steven J Cloud

Project Title: DuBard School Extended School Year - FY25
Sponsor Amount: 110,774.00
Project Begin Date: 20-MAY-2025
Project End Date: 31-JUL-2025
Discipline: Speech and Hearing Science
School: NHSAHS

NHSAHS TOTAL: 110,774.00

Prime Sponsor: Mississippi Department of Education
Direct Sponsor: Mississippi Department of Education
Status: Submitted
Submitted Date: 02-MAY-2025
PI: Sarah R Myers
CPI: Steven J Cloud

Project Title: Adequate Education FY26
Sponsor Amount: 922,534.00
Project Begin Date: 01-AUG-2025
Project End Date: 31-JUL-2026
Discipline: Speech and Hearing Science
School: NHSAHS

NHSAHS TOTAL: 922,534.00

Prime Sponsor: American Chemical Society
Direct Sponsor: American Chemical Society
Status: Submitted
Submitted Date: 22-MAY-2025
PI: Douglas S Masterson

Project Title: ACS Project SEED Summer 2025
Sponsor Amount: 4,000.00
Project Begin Date: 01-JUN-2025
Project End Date: 31-JUL-2025
Discipline: Institutional Effectiveness
School: PROVOST & VPAA

PROVOST & VPAA TOTAL: 4,000.00

Prime Sponsor:	U.S. Department of Commerce	Project Title:	Building Stronger, Safer, and Self-Sufficient Weather Wise Communities Through t-
Direct Sponsor:	National Oceanic and Atmospheric Admin	Sponsor Amount:	1,988,544.00
Status:	Submitted	Project Begin Date:	01-SEP-2025
Submitted Date:	01-MAY-2025	Project End Date:	31-AUG-2029
PI:	Tracie T Sempier	Discipline:	MS-AL Sea Grant Consorti
CPI:	Justin Sharpe	School:	VP FOR RESEARCH
VP FOR RESEARCH TOTAL:			1,988,544.00
Prime Sponsor:	U.S. Department of Commerce	Project Title:	USM-MPI MEP Center
Direct Sponsor:	Mississippi Manufacturers Association	Sponsor Amount:	132,958.00
Status:	Submitted	Project Begin Date:	01-APR-2025
Submitted Date:	01-MAY-2025	Project End Date:	30-SEP-2025
PI:	Monica Tisack	Discipline:	Mississippi Polymer Science In
		School:	VP FOR RESEARCH
VP FOR RESEARCH TOTAL:			132,958.00
TOTAL:			11,440,716.00
Proposal Activity Grand Total:			11,440,716.00