



THE UNIVERSITY OF
SOUTHERN MISSISSIPPI.

Report of Proposals and Awards
For June
Fiscal Year 2025

Two Year Comparison

Funding Dollars

2024 June	\$5,916,030		
2025 June	\$4,099,455	(\$1,816,575)	Over/Under for the month
YTD FY24	\$125,249,852	\$125,249,852	
YTD FY25	\$79,324,820	(\$45,925,032)	Over/Under for the year

Funded Projects

2024 June	36		
2025 June	26	(10)	Over/Under for the month
YTD FY24	331		
YTD FY25	300	(31)	Over/Under for the year

Submitted Projects

2024 June	66		
2025 June	53	(13)	Over/Under for the month
YTD FY24	420		
YTD FY25	436	16	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	53	26	\$4,099,455
Totals to Date	420	331	\$125,249,852	436	300	\$79,324,820

THE UNIVERSITY OF SOUTHERN MISSISSIPPI
Grants and Awards Received
06/01/2025 - 06/30/2025

College of Arts and Sciences			
PRIME SPONSOR:U.S. Department of Defense	PROJECT TITLE:	Virtual JSHS	
AWARD NUMBER: 24-871-040			
PROPOSAL ID: GM009872	SPONSOR SUPP FUND:	30,000 *	
PROJECT: 8007552	PROJECT BEGIN DATE:	01-OCT-2024	
PI: Buford,Kendrick D	PROJECT END DATE:	31-JUL-2025	
	DISCIPLINE:	Center for Stem Education	
COAS-Deans Office TOTAL			30,000
PRIME SPONSOR:U.S. Dept of Health and Human Services	PROJECT TITLE:	Novel TNF Secretion Assays	
AWARD NUMBER: 1R03AI194065-01	SPONSOR AMOUNT:	149,041	
PROPOSAL ID: GM009960	PROJECT BEGIN DATE:	01-JUL-2025	
PROJECT: 8007659	PROJECT END DATE:	30-JUN-2027	
PI: Xu,Hao	DISCIPLINE:	Cell and Molecular Biology	
School of Biological, Earth, a TOTAL			149,041
PRIME SPONSOR:Mississippi State Board of Contractors	PROJECT TITLE:	Mississippi State Board of Contractors Corpus	
AWARD NUMBER:			
PROPOSAL ID: GM008687	SPONSOR SUPP FUND:	100,000 *	
PROJECT: 8006254	PROJECT BEGIN DATE:	01-APR-2019	
PI: Bayraktar,Mehmet	PROJECT END DATE:	30-MAY-2026	
COPI: Connell,Grady Erich	DISCIPLINE:	School of Construction and Des	
School of Construction and Des TOTAL			100,000
PRIME SPONSOR:Mississippi Department of Education	PROJECT TITLE:	World Class Teaching Program 2024-2025	
AWARD NUMBER: 25-2201-A845-EA08-3071005			
PROPOSAL ID: GM009813	SPONSOR SUPP FUND:	110,520 *	
PROJECT: 8007478	PROJECT BEGIN DATE:	15-AUG-2024	
PI: Atwood,Robin	PROJECT END DATE:	30-JUN-2026	
	DISCIPLINE:	English	
School of Humanities TOTAL			110,520
PRIME SPONSOR:National Science Foundation	PROJECT TITLE:	REU Site: Sensing and assembly of molecules based on non-covalent interactions	
AWARD NUMBER: 2349320			
PROPOSAL ID: GM009704	SPONSOR SUPP FUND:	143,671 *	
PROJECT: 8007348	PROJECT BEGIN DATE:	15-MAY-2024	
PI: Guo,Song	PROJECT END DATE:	30-APR-2027	
	DISCIPLINE:	Chemistry & Biochemistry	
PRIME SPONSOR:American Chemical Society	PROJECT TITLE:	ACS Project SEED Summer 2025	
AWARD NUMBER:	SPONSOR AMOUNT:	2,100	
PROPOSAL ID: GM009953	PROJECT BEGIN DATE:	01-JUN-2025	
PROJECT: 8007652	PROJECT END DATE:	31-JUL-2025	
PI: Masterson,Douglas	DISCIPLINE:	Chemistry & Biochemistry	
School of Mathematics and Natu TOTAL			145,771
PRIME SPONSOR:U.S. Department of the Treasury	PROJECT TITLE:	Mississippi based RESTORE Act Center of Excellence (MBRACE)	
AWARD NUMBER: 23-00136			

THE UNIVERSITY OF SOUTHERN MISSISSIPPI
Grants and Awards Received

06/01/2025 - 06/30/2025

PROPOSAL ID: GM009529	SPONSOR SUPP FUND: 218,304 *
PROJECT: 8007148	PROJECT BEGIN DATE: 01-MAY-2023
PROJECT: 8007257	PROJECT END DATE: 31-JAN-2028
PROJECT: 8007258	
PROJECT: 8007269	
PROJECT: 8007279	
PI: Darnell,Kelly Marie	DISCIPLINE: Coastal Sciences
PRIME SPONSOR:National Science Foundation	PROJECT TITLE: IUCRC Phase III University of Southern Mississippi Center for Science Center for Marine Fisheries (SCEMFIS)
AWARD NUMBER: 2332982	
PROPOSAL ID: GM009683	SPONSOR SUPP FUND: 150,000 *
PROJECT: 8007326	PROJECT BEGIN DATE: 01-MAR-2024
PROJECT: 8007407	PROJECT END DATE: 28-FEB-2029
PROJECT: 8007408	
PROJECT: 8007409	
PROJECT: 8007591	
PI: Powell,Eric N	DISCIPLINE: Coastal Sciences
PRIME SPONSOR:Republic of Korea	PROJECT TITLE: IHO - ROK Category A
AWARD NUMBER:	
PROPOSAL ID: GM008771	SPONSOR SUPP FUND: 114,409 *
PROJECT: 8006340	PROJECT BEGIN DATE: 01-AUG-2013
PI: Pedrassani Costa Neves,Alberto	PROJECT END DATE: 31-JUL-2026
COPI: Howden,Stephan D	DISCIPLINE: Marine Science
COPI: Wiggert,Jeremy	
PRIME SPONSOR:The National Academies	PROJECT TITLE: Gulf of Mexico Consortium for Risk Reduction and Engagement Stakeholders (GulfCORES)
AWARD NUMBER: M2202108	
PROPOSAL ID: GM009350	SPONSOR SUPP FUND: 10,000 *
PROJECT: 8006948	PROJECT BEGIN DATE: 01-MAR-2022
PI: Howden,Stephan D	PROJECT END DATE: 28-FEB-2027
COPI: Martin,Kevin	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	
PROPOSAL ID: GM009386	SPONSOR SUPP FUND: 166,991 *
PROJECT: 8006988	PROJECT BEGIN DATE: 01-SEP-2022
PI: Buijsman,Maarten	PROJECT END DATE: 31-AUG-2026
	DISCIPLINE: Marine Science
PRIME SPONSOR:Board of Trustees of IHL	PROJECT TITLE: Fast Preview and Autogain of 360° LiDAR Data
AWARD NUMBER: 2025-19	SPONSOR AMOUNT: 75,000
PROPOSAL ID: GM009954	PROJECT BEGIN DATE: 01-JUL-2025
PROJECT: 8007653	PROJECT END DATE: 31-MAY-2026
PI: Nootz,Gero A	DISCIPLINE: Marine Science
PRIME SPONSOR:Thoma-Sea Marine Constructors, LLC	PROJECT TITLE: NAV Vessel Survey Support
AWARD NUMBER:	SPONSOR AMOUNT: 22,800
PROPOSAL ID: GM009956	PROJECT BEGIN DATE: 15-MAY-2025
PROJECT: 8007655	PROJECT END DATE: 31-DEC-2025
PI: Hiroji,Anand Devappa	DISCIPLINE: Marine Science

THE UNIVERSITY OF SOUTHERN MISSISSIPPI
Grants and Awards Received
06/01/2025 - 06/30/2025

School of Ocean Science and En TOTAL		757,504
PRIME SPONSOR:U.S. Department of Energy	PROJECT TITLE:	Precise chain conformation control for conjugated polymers in organic electronic thin film devices
AWARD NUMBER: DE-SC0022050	SPONSOR SUPP FUND:	253,422 *
PROPOSAL ID: GM009183	PROJECT BEGIN DATE:	01-AUG-2021
PROJECT: 8006769	PROJECT END DATE:	31-JUL-2026
PI: Gu,Xiaodan	DISCIPLINE:	Polymer Science and Engineerin
PRIME SPONSOR:U.S. Dept of Health and Human Services	PROJECT TITLE:	Biology the initiator: Harnessing Reactive Oxygen Species for Biocompatible Polymerization
AWARD NUMBER: 1R21EB033533-01A1	SPONSOR SUPP FUND:	22,200 *
PROPOSAL ID: GM009515	PROJECT BEGIN DATE:	01-APR-2023
PROJECT: 8007134	PROJECT END DATE:	31-MAR-2026
PI: Clemons,Tristan De Vere	DISCIPLINE:	Polymer Science and Engineerin
PRIME SPONSOR:U.S. Dept of Health and Human Services	PROJECT TITLE:	Mid-South REACH Cycle II: Bioactive supramolecular polymers for spray delivery and enhanced skin regeneration following burn injury
AWARD NUMBER: 2025-120030-USM	SPONSOR AMOUNT:	50,000
PROPOSAL ID: GM009948	PROJECT BEGIN DATE:	01-APR-2025
PROJECT: 8007647	PROJECT END DATE:	30-SEP-2025
PI: Clemons,Tristan De Vere	DISCIPLINE:	Polymer Science and Engineerin
School of Polymer Science and TOTAL		325,622
TOTAL College of Arts and Sciences		1,618,458
College of Education and Human Sciences		
PRIME SPONSOR:South Mississippi State Hospital	PROJECT TITLE:	SMSH Externship 2025
AWARD NUMBER:	SPONSOR AMOUNT:	18,337
PROPOSAL ID: GM009937	PROJECT BEGIN DATE:	01-AUG-2025
PROJECT: 8007632	PROJECT END DATE:	31-JUL-2026
PI: Renna,Megan Elizabeth	DISCIPLINE:	Psychology
COPI: Smith,Stephanie		
PRIME SPONSOR:Walthall County School District	PROJECT TITLE:	WCSD School Psychology Externship Project 2025
AWARD NUMBER:	SPONSOR AMOUNT:	24,900
PROPOSAL ID: GM009950	PROJECT BEGIN DATE:	01-AUG-2025
PROJECT: 8007649	PROJECT END DATE:	31-JUL-2026
PI: DeFouw,Emily Rogers	DISCIPLINE:	Psychology
PRIME SPONSOR:Hattiesburg Public School District	PROJECT TITLE:	Hattiesburg Public School District Psychology Externship Project
AWARD NUMBER:	SPONSOR AMOUNT:	65,460
PROPOSAL ID: GM009952	PROJECT BEGIN DATE:	01-AUG-2025
PROJECT: 8007651	PROJECT END DATE:	31-JUL-2026
PI: LaBrot,Zachary C	DISCIPLINE:	Psychology
COPI: DeFouw,Emily Rogers		
COPI: Kromminga,Kourtney		
COPI: Dufrene,Brad A		

THE UNIVERSITY OF SOUTHERN MISSISSIPPI
Grants and Awards Received
06/01/2025 - 06/30/2025

PRIME SPONSOR:Knox Academy	PROJECT TITLE:Knox Academy Psychology Externship 2025
AWARD NUMBER:	SPONSOR AMOUNT:131,400
PROPOSAL ID: GM009955	PROJECT BEGIN DATE: 01-AUG-2025
PROJECT: 8007654	PROJECT END DATE: 31-JUL-2026
PI: LaBrot,Zachary C	DISCIPLINE: Psychology
COPI: Powell,Margaret Bernheim	
PRIME SPONSOR:Marion County Schools	PROJECT TITLE:MCSD Psychology Externship Project 2025
AWARD NUMBER:	SPONSOR AMOUNT:23,900
PROPOSAL ID: GM009957	PROJECT BEGIN DATE: 01-AUG-2025
PROJECT: 8007656	PROJECT END DATE: 31-JUL-2026
PI: LaBrot,Zachary C	DISCIPLINE: Psychology
COPI: Powell,Margaret Bernheim	
PRIME SPONSOR:Will's Way, LLC	PROJECT TITLE:Will's Way Psych Externship 2025
AWARD NUMBER:	SPONSOR AMOUNT:98,626
PROPOSAL ID: GM009958	PROJECT BEGIN DATE: 01-AUG-2025
PROJECT: 8007657	PROJECT END DATE: 31-JUL-2026
PI: Dufrene,Brad A	DISCIPLINE: Psychology
COPI: DeFouw,Emily Rogers	

School of Psychology TOTAL362,623

TOTAL College of Education and Human Sciences362,623

College of Nursing and Health Professions

PRIME SPONSOR:Mississippi Department of Education	PROJECT TITLE:Adequate Education FY26
AWARD NUMBER:	SPONSOR AMOUNT:922,534
PROPOSAL ID: GM009949	PROJECT BEGIN DATE: 01-AUG-2025
PROJECT: 8007648	PROJECT END DATE: 31-JUL-2026
PI: Myers,Sarah R	DISCIPLINE: Speech and Hearing Science
COPI: Cloud,Steven J	
PRIME SPONSOR:Mississippi Department of Education	PROJECT TITLE:TCCCD ESY 2025
AWARD NUMBER:	SPONSOR AMOUNT:17,240
PROPOSAL ID: GM009951	PROJECT BEGIN DATE: 01-JUN-2025
PROJECT: 8007650	PROJECT END DATE: 31-JUL-2025
PI: Myers,Sarah R	DISCIPLINE: Speech and Hearing Science
COPI: Cloud,Steven J	

School of Speech & Hearing Sci TOTAL939,774

TOTAL College of Nursing and Health Professions939,774

Vice President for Research

PRIME SPONSOR:Mississippi Department of Transportation	PROJECT TITLE:Strategic Funding Vision for the Mississippi Real Time GNSS Network
AWARD NUMBER: MOA24-24	
PROPOSAL ID: GM009780	SPONSOR SUPP FUND:557,925 *
PROJECT: 8007442	PROJECT BEGIN DATE: 01-JUL-2024
PI: Carter,Gregory A	PROJECT END DATE: 30-JUN-2026
COPI: Anderson,Carlton Peter	DISCIPLINE: GP Geospatial Center

THE UNIVERSITY OF SOUTHERN MISSISSIPPI
Grants and Awards Received
06/01/2025 - 06/30/2025

PRIME SPONSOR:	U.S. Dept of Health and Human Services	PROJECT TITLE:	Institute for Disability Studies: Mississippi University Center for Excellence in Developmental Disabilities Education, Research and Service
AWARD NUMBER:	90DDUC0104-02-00	SPONSOR SUPP FUND:	620,675 *
PROPOSAL ID:	GM009372	PROJECT BEGIN DATE:	01-JUL-2022
PROJECT:	8006974	PROJECT END DATE:	30-JUN-2026
PI:	Young, Rebekah	DISCIPLINE:	Institute for Disability Study

Vice President for Research TOTAL		1,178,600
TOTAL Vice President for Research		1,178,600
GRAND TOTAL		4,099,455

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-JUN-2025 - 30-JUN-2025

Page 1 of 13
Run Date 07/17/2025

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 24-JUN-2025
PI: Hao Xu

Project Title: Unconventional TNF Release from Mast Cells
Sponsor Amount: 562,443.00
Project Begin Date: 01-SEP-2026
Project End Date: 31-AUG-2029
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 16-JUN-2025
PI: Fengwei Bai

Project Title: Develop a Novel and Effective Zika-Based Self-Amplifying mRNA Vaccine Platform
Sponsor Amount: 412,501.00
Project Begin Date: 01-JUN-2026
Project End Date: 31-MAY-2028
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 25-JUN-2025
PI: Fengwei Bai

Project Title: IL-17A as a Therapeutic Agent for West Nile Virus Infection in the Brain
Sponsor Amount: 562,500.00
Project Begin Date: 01-MAY-2026
Project End Date: 30-APR-2029
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 05-JUN-2025
PI: Ramesh Rijal

Project Title: Dissecting Polyphosphate-Responsive Host Signaling to Restore Phagocyte Antimicrobial Function in Intracellular Infection
Sponsor Amount: 1,811,059.00
Project Begin Date: 01-APR-2026
Project End Date: 31-MAR-2031
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 25-JUN-2025
PI: Alexandre F Marques

Project Title: A Broad-Spectrum Immunological Strategy for Blocking the Transmission of Mosquito-Borne Diseases
Sponsor Amount: 562,501.00
Project Begin Date: 01-SEP-2026
Project End Date: 31-AUG-2029
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-JUN-2025 - 30-JUN-2025

Page 2 of 13
Run Date 07/17/2025

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 16-JUN-2025
PI: Shahid Karim

Project Title: Manipulating PIWI-interacting RNA to generate sterile ticks
Sponsor Amount: 150,004.00
Project Begin Date: 01-JUN-2026
Project End Date: 31-MAY-2028
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 16-JUN-2025
PI: Alexandre F Marques

Project Title: Blocking Tick-Induced IgE Responses: VLP-a-Gal Immunization Drives Protective Ig-G in a-Gal Knockout Mice
Sponsor Amount: 402,884.00
Project Begin Date: 01-OCT-2026
Project End Date: 30-SEP-2028
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 16-JUN-2025
PI: Alexandre F Marques

Project Title: Intralesional Immunotherapy with ?-Gal Nanoparticles and Miltefosine to Promote - Tissue Regeneration and Parasite Clearance in ?-Gal KO Mice
Sponsor Amount: 402,884.00
Project Begin Date: 01-OCT-2026
Project End Date: 30-SEP-2028
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 16-JUN-2025
PI: Nicole J Camlin

Project Title: Uncovering the Role of Protein Phosphatase 1 Isoforms in Oocyte Meiosis
Sponsor Amount: 397,524.00
Project Begin Date: 01-APR-2026
Project End Date: 31-MAR-2028
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 05-JUN-2025
PI: Shahid Karim

Project Title: Determinants of rickettsiae Vertical transmission in ticks
Sponsor Amount: 2,209,713.00
Project Begin Date: 01-APR-2026
Project End Date: 31-MAR-2031
Discipline: Cell and Molecular Biology
School: School of Biological, Earth, a

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-JUN-2025 - 30-JUN-2025

Page 3 of 13
Run Date 07/17/2025

Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: Novel nanofiber-nanoparticle composites for intracellular drug delivery to effectively treat lung infections
Direct Sponsor: University of Texas at Arlington	Sponsor Amount: 599,105.00
Status: Submitted	Project Begin Date: 01-JUN-2026
Submitted Date: 02-JUN-2025	Project End Date: 31-MAY-2031
PI: Fengwei Bai	Discipline: Cell and Molecular Biology
	School: School of Biological, Earth, a
School of Biological, Earth, a TOTAL: 8,073,118.00	
Prime Sponsor: U.S. Department of Commerce	Project Title: Maritime Cyber4Work: Building Critical Infrastructure Cybersecurity
Direct Sponsor: National Institute of Standards & Techno	Sponsor Amount: 230,146.00
Status: Submitted	Project Begin Date: 01-OCT-2025
Submitted Date: 30-JUN-2025	Project End Date: 30-SEP-2027
PI: Sarah B Lee	Discipline: School of Computing Sciences &
CPI: Shahriar Rahimi	School: ASCSCE
CPI: Aleise Henry McGowan	
ASCSCCE TOTAL: 230,146.00	
Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: Probing ?-sheet interfaces within co-aggregates of TDP-43 and ?-Synuclein
Direct Sponsor: Georgia Institute of Technology	Sponsor Amount: 202,500.00
Status: Submitted	Project Begin Date: 10-APR-2026
Submitted Date: 17-JUN-2025	Project End Date: 31-MAR-2028
PI: Vijay Rangachari	Discipline: Chemistry & Biochemistry
	School: ASMANS
ASMANS TOTAL: 202,500.00	
Prime Sponsor: National Science Foundation	Project Title: Travel support for ten REU students to attend MIEC 2025
Direct Sponsor: Mississippi State University	Sponsor Amount: 2,000.00
Status: Submitted	Project Begin Date: 23-JUL-2025
Submitted Date: 20-JUN-2025	Project End Date: 31-AUG-2025
PI: Song Guo	Discipline: Chemistry & Biochemistry
	School: ASMANS
ASMANS TOTAL: 2,000.00	

Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: Investigation of hybrid amyloid mechanisms across scales from molecules to the whole brain
Direct Sponsor: National Institutes of Health	Sponsor Amount: 3,748,016.00
Status: Submitted	Project Begin Date: 01-MAR-2026
Submitted Date: 05-JUN-2025	Project End Date: 28-FEB-2031
PI: Vijay Rangachari	Discipline: Chemistry & Biochemistry
	School: ASMANS
ASMANS TOTAL: 3,748,016.00	
Prime Sponsor: The National Academies	Project Title: Gulf Research Program Early Career Research Fellowship in Environmental Protection and Stewardship
Direct Sponsor: The National Academies	Sponsor Amount: 74,994.00
Status: Submitted	Project Begin Date: 01-DEC-2025
Submitted Date: 17-JUN-2025	Project End Date: 30-NOV-2027
PI: Songjie He	Discipline: Coastal Sciences
	School: ASOSAE
ASOSAE TOTAL: 74,994.00	
Prime Sponsor: Mississippi Department of Marine Resources	Project Title: Real-Time Fisheries Data Dashboard for Transparency and Adaptive Management
Direct Sponsor: Mississippi Department of Marine Resources	Sponsor Amount: 66,236.00
Status: Submitted	Project Begin Date: 01-JUL-2026
Submitted Date: 30-JUN-2025	Project End Date: 30-JUN-2029
PI: Robert T Leaf	Discipline: Coastal Sciences
CPI: Ralf Riedel	School: ASOSAE
ASOSAE TOTAL: 66,236.00	
Prime Sponsor: Mississippi Department of Marine Resources	Project Title: Response of coastal wetlands to sea-level rise and saltwater intrusion in Mississippi
Direct Sponsor: Mississippi Department of Marine Resources	Sponsor Amount: 294,063.00
Status: Submitted	Project Begin Date: 01-JAN-2027
Submitted Date: 20-JUN-2025	Project End Date: 31-DEC-2029
PI: Wei Wu	Discipline: Coastal Sciences
	School: ASOSAE
ASOSAE TOTAL: 294,063.00	

Prime Sponsor: Mississippi Department of Marine Resources	Project Title: Quantifying finfish space use along Mississippi's Barrier Islands
Direct Sponsor: Mississippi Department of Marine Resources	Sponsor Amount: 450,967.00
Status: Submitted	Project Begin Date: 01-JAN-2027
Submitted Date: 30-JUN-2025	Project End Date: 31-DEC-2029
PI: Michael Jay Andres	Discipline: Coastal Sciences
CPI: Jeremy Higgs	School: ASOSAE
ASOSAE TOTAL: 450,967.00	
Prime Sponsor: The National Academies	Project Title: Gulf Research Program: Early-Career Research Fellowship (ECRF)-Environmental Protection and Stewardship Track
Direct Sponsor: The National Academies	Sponsor Amount: 76,000.00
Status: Submitted	Project Begin Date: 01-DEC-2025
Submitted Date: 16-JUN-2025	Project End Date: 30-NOV-2027
PI: Md Mamunur Rashid	Discipline: Coastal Sciences
	School: ASOSAE
ASOSAE TOTAL: 76,000.00	
Prime Sponsor: U.S. Department of the Interior	Project Title: Monitoring finfish space use and sediment classification to inform coastal restoration efforts
Direct Sponsor: Mississippi Department of Marine Resources	Sponsor Amount: 752,664.00
Status: Submitted	Project Begin Date: 01-JAN-2027
Submitted Date: 30-JUN-2025	Project End Date: 31-DEC-2029
PI: Michael Jay Andres	Discipline: Coastal Sciences
CPI: Wokil Bam	School: ASOSAE
ASOSAE TOTAL: 752,664.00	
Prime Sponsor: U.S. Department of Commerce	Project Title: Planning for a living shoreline approach to the Pointe-au-Chien Indian Tribes climate change adaptation efforts
Direct Sponsor: Louisiana State University	Sponsor Amount: 38,850.00
Status: Submitted	Project Begin Date: 01-NOV-2025
Submitted Date: 18-JUN-2025	Project End Date: 30-JUN-2026
PI: Wei Wu	Discipline: Coastal Sciences
	School: ASOSAE
ASOSAE TOTAL: 38,850.00	

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-JUN-2025 - 30-JUN-2025

Page 6 of 13
Run Date 07/17/2025

Prime Sponsor: Mississippi Department of Marine Resources
Direct Sponsor: Mississippi Department of Marine Resources
Status: Submitted
Submitted Date: 26-JUN-2025
PI: Patrick D Biber

Project Title: Improving Marsh Restoration using Artificial Intelligence (A.I.)
Sponsor Amount: 500,000.00
Project Begin Date: 01-JUL-2026
Project End Date: 30-JUN-2029
Discipline: Coastal Sciences
School: ASOSAE

ASOSAE TOTAL: 500,000.00

Prime Sponsor: Mississippi Department of Marine Resources
Direct Sponsor: Mississippi Department of Marine Resources
Status: Submitted
Submitted Date: 30-JUN-2025
PI: Stephan D Howden
CPI: Arne-Roland Diercks
CPI: Johnson Olusegun Oguntuase

Project Title: Real Time Surface Circulation of the Western MS Sound: Enhancing Marine Resource-
Management
Sponsor Amount: 521,922.00
Project Begin Date: 01-JUL-2026
Project End Date: 30-JUN-2031
Discipline: Marine Science
School: ASOSAE

ASOSAE TOTAL: 521,922.00

Prime Sponsor: Mississippi Department of Marine Resources
Direct Sponsor: Mississippi Department of Marine Resources
Status: Submitted
Submitted Date: 30-JUN-2025
PI: Johnson Olusegun Oguntuase
CPI: Stephan D Howden

Project Title: V-Datum's model improvements, and ellipsoid-tidal datum variations between NAD83-
(2011) and NATRF2022 at the Mississippi Gulf Coast
Sponsor Amount: 383,409.00
Project Begin Date: 01-NOV-2026
Project End Date: 31-OCT-2029
Discipline: Marine Science
School: ASOSAE

ASOSAE TOTAL: 383,409.00

Prime Sponsor: Mississippi Department of Marine Resources
Direct Sponsor: Mississippi Department of Marine Resources
Status: Submitted
Submitted Date: 23-JUN-2025
PI: Xiaodong Zhang

Project Title: Detecting HABs with autonomous optical system and AI
Sponsor Amount: 213,857.00
Project Begin Date: 01-JAN-2026
Project End Date: 31-DEC-2027
Discipline: Marine Science
School: ASOSAE

ASOSAE TOTAL: 213,857.00

Prime Sponsor: Mississippi Department of Marine Resources	Project Title: Submarine Groundwater Discharge and its impact on Oyster Health
Direct Sponsor: Mississippi Department of Marine Resources	Sponsor Amount: 312,546.00
Status: Submitted	Project Begin Date: 01-JAN-2027
Submitted Date: 25-JUN-2025	Project End Date: 31-DEC-2029
PI: Wokil Bam	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 312,546.00	
Prime Sponsor: The National Academies	Project Title: The Gulf Research Program's Early-Career Research Fellowship - Environmental Protection and Stewardship track
Direct Sponsor: The National Academies	Sponsor Amount: 76,000.00
Status: Submitted	Project Begin Date: 01-DEC-2025
Submitted Date: 18-JUN-2025	Project End Date: 31-DEC-2027
PI: Wokil Bam	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 76,000.00	
Prime Sponsor: Thoma-Sea Marine Constructors LLC	Project Title: NAV Vessel Survey Support
Direct Sponsor: Thoma-Sea Marine Constructors LLC	Sponsor Amount: 22,800.00
Status: Submitted	Project Begin Date: 15-MAY-2025
Submitted Date: 02-JUN-2025	Project End Date: 31-DEC-2025
PI: Anand Devappa Hiroji	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 22,800.00	
Prime Sponsor: U.S. Department of Commerce	Project Title: OECI Y7: Deploying Compact Controllable Buoys (C-Starts) for Real-Time Hurricane-Observations
Direct Sponsor: University of Rhode Island	Sponsor Amount: 468,021.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 27-JUN-2025	Project End Date: 30-JUN-2029
PI: Leila J Hamdan	Discipline: School of Ocean Science and En
	School: ASOSAE
ASOSAE TOTAL: 468,021.00	

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-JUN-2025 - 30-JUN-2025

Page 8 of 13
Run Date 07/17/2025

Prime Sponsor: National Aeronautics and Space Admin
Direct Sponsor: National Aeronautics and Space Admin
Status: Submitted
Submitted Date: 26-JUN-2025
PI: Olivia Devon Brooks McNair

Project Title: Controlling the heat: solving some burning questions
Sponsor Amount: 8,000,000.00
Project Begin Date: 01-FEB-2026
Project End Date: 31-JAN-2030
Discipline: Polymer Science and Engineerin
School: ASPSAE

ASPSAE TOTAL: 8,000,000.00

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: Mississippi Department of Human Services
Status: Submitted
Submitted Date: 20-JUN-2025
PI: Alicia Gordy Westbrook

Project Title: MS Early Childhood Inclusion Center (MECIC) - FY26
Sponsor Amount: 2,293,257.00
Project Begin Date: 01-OCT-2025
Project End Date: 30-SEP-2026
Discipline: CEHS - Dean's Office
School: DEAN'S OFFICE EHEDUC

DEAN'S OFFICE EHEDUC TOTAL: 2,293,257.00

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: Mississippi Department of Human Services
Status: Submitted
Submitted Date: 20-JUN-2025
PI: Alicia Gordy Westbrook

Project Title: MS Lift Resource and Referral (R&R) at MECIC - FY26
Sponsor Amount: 572,140.00
Project Begin Date: 01-OCT-2025
Project End Date: 30-SEP-2026
Discipline: CEHS - Dean's Office
School: DEAN'S OFFICE EHEDUC

DEAN'S OFFICE EHEDUC TOTAL: 572,140.00

Prime Sponsor: Spencer Foundation
Direct Sponsor: Spencer Foundation
Status: Submitted
Submitted Date: 10-JUN-2025
PI: Amanda Deanne Franks
CPI: Danielle Marie Carrier

Project Title: Bridging the Gap Between Research and Practice: Utilizing a Mentoring Model to S-
upport, Retain, and Enhance Preservice and Beginning Teachers' Careers
Sponsor Amount: 403,347.00
Project Begin Date: 01-AUG-2026
Project End Date: 31-JUL-2031
Discipline: Curriculum Instruction and Spe
School: EHEDUC

EHEDUC TOTAL: 403,347.00

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-JUN-2025 - 30-JUN-2025

Page 9 of 13
Run Date 07/17/2025

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: University of Mississippi Medical Center
Status: Submitted
Submitted Date: 20-JUN-2025
PI: Holly F Huye

Project Title: MCCTR: CEO Core FY26
Sponsor Amount: 401,691.00
Project Begin Date: 01-AUG-2025
Project End Date: 31-JUL-2026
Discipline: Nutrition & Food Systems
School: EHKINN

EHKINN TOTAL: 401,691.00

Prime Sponsor: Knox Academy
Direct Sponsor: Knox Academy
Status: Submitted
Submitted Date: 02-JUN-2025
PI: Zachary C LaBrot
CPI: Margaret Bernheim Powell

Project Title: Knox Academy Psychology Externship 2025
Sponsor Amount: 131,400.00
Project Begin Date: 01-AUG-2025
Project End Date: 31-JUL-2026
Discipline: Psychology
School: EHPSYC

EHPSYC TOTAL: 131,400.00

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: University of Mississippi Medical Center
Status: Submitted
Submitted Date: 05-JUN-2025
PI: Sara Sytsma Jordan
CPI: Freddie Anibal Pastrana Rivera
CPI: Zachary C LaBrot

Project Title: UMMC Magnolia Scholars Program Subaward 2025
Sponsor Amount: 101,280.00
Project Begin Date: 01-AUG-2025
Project End Date: 15-JUN-2026
Discipline: School of Psychology
School: EHPSYC

EHPSYC TOTAL: 101,280.00

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: AIM-AHEAD
Status: Submitted
Submitted Date: 30-JUN-2025
PI: Jennifer Lemacks
CPI: Felix Twum
CPI: Aleise Henry McGowan
CPI: Joshua B Hill

Project Title: Data-Driven Solutions for Mississippi: A Step Towards Addressing Complex Determinants of Cardiometabolic Health
Sponsor Amount: 149,997.00
Project Begin Date: 02-SEP-2025
Project End Date: 31-AUG-2026
Discipline: CNHP - Dean's Office
School: DEAN'S OFFICE CON

DEAN'S OFFICE CON TOTAL: 149,997.00

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-JUN-2025 - 30-JUN-2025

Page 10 of 13
Run Date 07/17/2025

Prime Sponsor: Mississippi Department of Education
Direct Sponsor: Mississippi Department of Education
Status: Submitted
Submitted Date: 20-JUN-2025
PI: Alison Suzanne Webster
CPI: Steven J Cloud

Project Title: Adequate Education DuBard School FY26
Sponsor Amount: 801,735.00
Project Begin Date: 01-JUL-2025
Project End Date: 30-JUN-2026
Discipline: Speech and Hearing Science
School: NNSAHS

NNSAHS TOTAL: 801,735.00

Prime Sponsor: United Way of South Mississippi
Direct Sponsor: United Way of South Mississippi
Status: Submitted
Submitted Date: 24-JUN-2025
PI: Sarah R Myers
CPI: Steven J Cloud

Project Title: United Way of South Mississippi 2025-2027
Sponsor Amount: 20,000.00
Project Begin Date: 01-JUL-2025
Project End Date: 30-JUN-2027
Discipline: Speech and Hearing Science
School: NNSAHS

NNSAHS TOTAL: 20,000.00

Prime Sponsor: Mississippi Department of Education
Direct Sponsor: Mississippi Department of Education
Status: Submitted
Submitted Date: 24-JUN-2025
PI: Sarah R Myers
CPI: Steven J Cloud

Project Title: CCCD Transportation FY26
Sponsor Amount: 45,000.00
Project Begin Date: 01-JUL-2025
Project End Date: 30-JUN-2026
Discipline: Speech and Hearing Science
School: NNSAHS

NNSAHS TOTAL: 45,000.00

Prime Sponsor: Mississippi Department of Marine Resources
Direct Sponsor: Mississippi Department of Marine Resources
Status: Submitted
Submitted Date: 30-JUN-2025
PI: Kelly Marie Darnell

Project Title: Phase 1 Parking- USM/GCRL Public Access Enhancement
Sponsor Amount: 245,344.00
Project Begin Date: 01-JAN-2027
Project End Date: 31-DEC-2029
Discipline: GCRL Administration
School: VP FOR RESEARCH

VP FOR RESEARCH TOTAL: 245,344.00

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-JUN-2025 - 30-JUN-2025

Page 11 of 13
Run Date 07/17/2025

Prime Sponsor: Mississippi Department of Marine Resources
Direct Sponsor: Mississippi Department of Marine Resources
Status: Submitted
Submitted Date: 30-JUN-2025
PI: Kelly Marie Darnell

Project Title: Phase 2 Parking- USM/GCRL Public Access Enhancement
Sponsor Amount: 312,256.00
Project Begin Date: 01-JAN-2027
Project End Date: 31-DEC-2029
Discipline: GCRL Administration
School: VP FOR RESEARCH

VP FOR RESEARCH TOTAL: 312,256.00

Prime Sponsor: Mississippi Department of Marine Resources
Direct Sponsor: Mississippi Department of Marine Resources
Status: Submitted
Submitted Date: 30-JUN-2025
PI: Jill Hendon
CPI: Jeremy Higgs

Project Title: Fish Acoustic Telemetry Array Maintenance
Sponsor Amount: 132,076.00
Project Begin Date: 01-JUL-2027
Project End Date: 30-JUN-2028
Discipline: GCRL Center for Fisheries Rese
School: VP FOR RESEARCH

VP FOR RESEARCH TOTAL: 132,076.00

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: Mississippi Department of Rehabilitation Services
Status: Submitted
Submitted Date: 04-JUN-2025
PI: Joseph Anthony King

Project Title: Job Extravaganza
Sponsor Amount: 75,000.00
Project Begin Date: 01-JUN-2025
Project End Date: 30-APR-2026
Discipline: Institute for Disability Study
School: VP FOR RESEARCH

VP FOR RESEARCH TOTAL: 75,000.00

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 27-JUN-2025
PI: Leslie Christen Lavergne
CPI: Aleise Henry McGowan

Project Title: Exploring Correlates of Autism: An Interdisciplinary Principal Component Analysis of Contributing Factors of Autism Diagnosis
Sponsor Amount: 1,190,548.00
Project Begin Date: 01-OCT-2025
Project End Date: 30-SEP-2027
Discipline: Institute for Disability Study
School: VP FOR RESEARCH

VP FOR RESEARCH TOTAL: 1,190,548.00

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-JUN-2025 - 30-JUN-2025

Page 12 of 13
Run Date 07/17/2025

Prime Sponsor: The National Academies	Project Title: Bridging the Gap: Assessing historical coastline variations to improve Gulf coast sea-level rise projections
Direct Sponsor: Rowan University	Sponsor Amount: 200,827.00
Status: Submitted	Project Begin Date: 01-NOV-2025
Submitted Date: 27-JUN-2025	Project End Date: 31-OCT-2030
PI: Tracie T Sempier	Discipline: MS-AL Sea Grant Consorti
	School: VP FOR RESEARCH
VP FOR RESEARCH TOTAL: 200,827.00	
Prime Sponsor: Mississippi Department of Marine Resources	Project Title: Early Warning System for Coastal Mississippi Marine Conditions
Direct Sponsor: Mississippi Department of Marine Resources	Sponsor Amount: 217,073.00
Status: Submitted	Project Begin Date: 01-NOV-2026
Submitted Date: 27-JUN-2025	Project End Date: 31-OCT-2027
PI: Vishwamithra Sunkara	Discipline: Ocean Enterprise
CPI: Ralf Riedel	School: VP FOR RESEARCH
VP FOR RESEARCH TOTAL: 217,073.00	
Prime Sponsor: U.S. Department of Defense	Project Title: Parallel Research - Geomagnetism
Direct Sponsor: Naval Research Laboratory	Sponsor Amount: 19,685.00
Status: Submitted	Project Begin Date: 01-MAY-2025
Submitted Date: 19-JUN-2025	Project End Date: 30-APR-2026
PI: Vishwamithra Sunkara	Discipline: Ocean Enterprise
	School: VP FOR RESEARCH
VP FOR RESEARCH TOTAL: 19,685.00	
Prime Sponsor: Mississippi Department of Marine Resources	Project Title: Reducing malpimentation in production of juvenile southern flounder Paralichthys lethostigma for restoration
Direct Sponsor: Mississippi Department of Marine Resources	Sponsor Amount: 189,014.00
Status: Submitted	Project Begin Date: 01-JAN-2027
Submitted Date: 25-JUN-2025	Project End Date: 31-DEC-2027
PI: Reginald B Blaylock	Discipline: Thad Cochran Marine Aquacultur
CPI: Angelos Apeitos	School: VP FOR RESEARCH
CPI: Eric Saillant	
VP FOR RESEARCH TOTAL: 189,014.00	

Prime Sponsor:	Mississippi Department of Marine Resources	Project Title:	Development of a brood stock of the Atlantic white shrimp Litopenaeus setiferus - to support the production of shrimp for the bait shop industry
Direct Sponsor:	Mississippi Department of Marine Resources	Sponsor Amount:	159,242.00
Status:	Submitted	Project Begin Date:	01-JAN-2027
Submitted Date:	25-JUN-2025	Project End Date:	31-DEC-2027
PI:	Reginald B Blaylock	Discipline:	Thad Cochran Marine Aquacultur
CPI:	Angelos Apeitos	School:	VP FOR RESEARCH
VP FOR RESEARCH TOTAL:			159,242.00
Prime Sponsor:	Mississippi Department of Marine Resources	Project Title:	Oyster Aquaculture Workforce Development
Direct Sponsor:	Mississippi Department of Marine Resources	Sponsor Amount:	213,507.00
Status:	Submitted	Project Begin Date:	01-JAN-2027
Submitted Date:	25-JUN-2025	Project End Date:	31-DEC-2027
PI:	Megan E Gima	Discipline:	Thad Cochran Marine Aquacultur
CPI:	Reginald B Blaylock	School:	VP FOR RESEARCH
VP FOR RESEARCH TOTAL:			213,507.00
Prime Sponsor:	Mississippi 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)
Direct Sponsor:	Mississippi Department of Marine Resources	Sponsor Amount:	88,838.00
Status:	Submitted	Project Begin Date:	01-JAN-2027
Submitted Date:	25-JUN-2025	Project End Date:	31-DEC-2027
PI:	Reginald B Blaylock	Discipline:	Thad Cochran Marine Aquacultur
CPI:	Angelos Apeitos	School:	VP FOR RESEARCH
VP FOR RESEARCH TOTAL:			88,838.00
TOTAL:			32,471,366.00
Proposal Activity Grand Total:			32,471,366.00