



**THE UNIVERSITY OF
SOUTHERN MISSISSIPPI®**

Report of Proposals and Awards
For February
Fiscal Year 2025

Two Year Comparison

Funding Dollars

2024 Feb		\$2,787,541			
2025 Feb		\$4,097,810		\$1,310,269	Over/Under for the month
YTD FY24		\$99,261,918		\$99,261,918	
YTD FY25		\$62,107,975		(\$37,153,943)	Over/Under for the year

Funded Projects

2024 Feb		29			
2025 Feb		30		1	Over/Under for the month
YTD FY24		229			
YTD FY25		212		(17)	Over/Under for the year

Submitted Projects

2024 Feb		29			
2025 Feb		37		8	Over/Under for the month
YTD FY24		222			
YTD FY25		249		27	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	\$10,389,845
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	28	\$10,564,659
November	26	21	\$2,615,727	39	25	\$2,447,007
December	22	18	\$9,314,837	12	11	\$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	0	0	\$0
April	36	23	\$14,016,270	0	0	\$0
May	47	24	\$3,650,809	0	0	\$0
June	66	36	\$5,916,030	0	0	\$0
Totals to Date	420	331	\$125,249,852	249	212	\$62,107,975

THE UNIVERSITY OF SOUTHERN MISSISSIPPI
Grants and Awards Received
02/01/2025 - 02/28/2025

College of Arts and Sciences		
PRIME SPONSOR:Centers for Disease Control and Preventi	PROJECT TITLE:	Coordinated training and evaluation of pest management, vector control district, public health, sanitary, and animal health professionals to achieve an integrated workforce to mitigate community vector-borne disease risk in the Gulf Coast region
AWARD NUMBER: K23-988	SPONSOR SUPP FUND:	55,265 *
PROPOSAL ID: GM009696	PROJECT BEGIN DATE:	01-JUL-2023
PROJECT: 8007340	PROJECT END DATE:	30-JUN-2025
PI: Yee,Donald	DISCIPLINE:	Ecology and Organismal Biology
School of Biological, Earth, a TOTAL		55,265
PRIME SPONSOR:MS Board of Licensure for Prof Eng & Sur	PROJECT TITLE:	Elevating Computer Engineering Equipment for Enhanced Learning and Research (ELEVATE)
AWARD NUMBER: 2025 Grant MOU	SPONSOR AMOUNT:	49,120
PROPOSAL ID: GM009899	PROJECT BEGIN DATE:	07-FEB-2025
PROJECT: 8007587	PROJECT END DATE:	30-MAY-2025
PI: Sherif,Ahmed Bayoumi Tawfic	DISCIPLINE:	Computing Sciences & Computer
COPI: Adams,Stephen T		
PRIME SPONSOR:National Science Foundation	PROJECT TITLE:	Louis Stokes Mississippi Alliance for Minority Participation
AWARD NUMBER: 63326	SPONSOR AMOUNT:	35,000
PROPOSAL ID: GM009901	PROJECT BEGIN DATE:	01-SEP-2024
PROJECT: 8007589	PROJECT END DATE:	31-AUG-2025
PI: Lee,Sarah B	DISCIPLINE:	Computing Sciences & Computer
School of Computing Sciences & TOTAL		84,120
PRIME SPONSOR:National Endowment for the Humanities	PROJECT TITLE:	Mississippi Philosophical Association 2025: Keynote: "AI Art and Artists: What They Are, What They Could Be, What They Should Be," Dominic McIver Lopes
AWARD NUMBER: RG25-23-227	SPONSOR AMOUNT:	2,500
PROPOSAL ID: GM009898	PROJECT BEGIN DATE:	14-FEB-2025
PROJECT: 8007586	PROJECT END DATE:	31-MAR-2025
PI: Dunkle,Ian D	DISCIPLINE:	Philosophy & Religion
School of Humanities TOTAL		2,500
PRIME SPONSOR:Board of Trustees of IHL	PROJECT TITLE:	Developing Prototypes of Tunable Peptide Hydrogels for Drug Delivery and Biotechnological Applications
AWARD NUMBER: 2024-22	SPONSOR AMOUNT:	50,000
PROPOSAL ID: GM009894	PROJECT BEGIN DATE:	01-MAR-2025
PROJECT: 8007582	PROJECT END DATE:	28-FEB-2026
PI: Rangachari,Vijay	DISCIPLINE:	Chemistry & Biochemistry
School of Mathematics and Natu TOTAL		50,000
PRIME SPONSOR:U.S. Department of the Interior	PROJECT TITLE:	Acoustic Telemetry of Sport Fish Species in the Mississippi Sound
AWARD NUMBER: USM-SS-25	SPONSOR AMOUNT:	126,293

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PROPOSAL ID: GM009884 PROJECT: 8007572 PI: Andres,Michael	PROJECT BEGIN DATE: 01-JAN-2025 PROJECT END DATE: 31-DEC-2026 DISCIPLINE: Coastal Sciences
PRIME SPONSOR:U.S. Department of Commerce	PROJECT TITLE: Evaluating the interplay of off-bottom oyster culture and Gulf Sturgeon, Acipenser oxyrinchus desotoi, habitat use within the footprint of federally designated critical habitat
AWARD NUMBER: MDWFP2025 PROPOSAL ID: GM009907 PROJECT: 8007596 PI: Andres,Michael	SPONSOR AMOUNT: 132,662 PROJECT BEGIN DATE: 01-DEC-2024 PROJECT END DATE: 30-NOV-2025 DISCIPLINE: Coastal Sciences
PRIME SPONSOR:U.S. Department of Defense AWARD NUMBER: N00173-20-2-C005	PROJECT TITLE: Global Bathymetry
PROPOSAL ID: GM008944 PROJECT: 8006517 PROJECT: 8007300 PROJECT: 8007335 PROJECT: 8007454 PI: Trott,Corinne Beverly COPI: Netchaev,Dmitri A COPI: Howden,Stephan D	SPONSOR SUPP FUND: 21,838 * PROJECT BEGIN DATE: 01-MAY-2020 PROJECT END DATE: 30-APR-2025 DISCIPLINE: Marine Science
PRIME SPONSOR:MS Board of Licensure for Prof Eng & Sur	PROJECT TITLE: Ocean Engineering Advanced Manufacturing and Prototyping Student Lab
AWARD NUMBER: MOU HB1777 PROPOSAL ID: GM009897 PROJECT: 8007585 PI: Nootz,Gero A	SPONSOR AMOUNT: 34,061 PROJECT BEGIN DATE: 01-JAN-2025 PROJECT END DATE: 31-MAY-2025 DISCIPLINE: Marine Science
School of Ocean Science and En TOTAL	
314,854	
PRIME SPONSOR:Evonik Corporation AWARD NUMBER: OTD.0571 Amend 8 PROPOSAL ID: GM009885 PROJECT: 8007573 PI: Wiggins,Jeffrey Stuart	PROJECT TITLE: Evonik Project SPONSOR AMOUNT: 20,045 PROJECT BEGIN DATE: 01-JAN-2025 PROJECT END DATE: 31-JUL-2025 DISCIPLINE: Polymer Science and Engineerin
PRIME SPONSOR:Board of Trustees of IHL	PROJECT TITLE: Aqueous Photoiniferter Polymerization of Polyacrylonitrile Copolymers for Enhanced Carbon Fiber Production
AWARD NUMBER: 2024-18 PROPOSAL ID: GM009890 PROJECT: 8007578 PI: Clemons,Tristan De Vere	SPONSOR AMOUNT: 50,000 PROJECT BEGIN DATE: 01-MAR-2025 PROJECT END DATE: 28-FEB-2026 DISCIPLINE: Polymer Science and Engineerin
PRIME SPONSOR:Board of Trustees of IHL	PROJECT TITLE: MS SMART: Citric Acid Derived Bicyclic Bridged Compounds as Building Blocks for Reactive Monomers
AWARD NUMBER: 2024-19 PROPOSAL ID: GM009891 PROJECT: 8007579 PI: Patton,Derek L	SPONSOR AMOUNT: 50,000 PROJECT BEGIN DATE: 01-MAR-2025 PROJECT END DATE: 28-FEB-2026 DISCIPLINE: Polymer Science and Engineerin

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PRIME SPONSOR:Board of Trustees of IHL	PROJECT TITLE:MS SMART: Citric Acid Derived Bicyclic Bridged Compounds as Building Blocks for Reactive Monomers
AWARD NUMBER: 2024-20	SPONSOR AMOUNT: 50,000
PROPOSAL ID: GM009892	PROJECT BEGIN DATE: 01-MAR-2025
PROJECT: 8007580	PROJECT END DATE: 28-FEB-2026
PI: Patton,Derek L	DISCIPLINE: Polymer Science and Engineerin
PRIME SPONSOR:Board of Trustees of IHL	PROJECT TITLE:Mesoporous Polymers as High-Performance Water
AWARD NUMBER: 2024-21	SPONSOR AMOUNT: 50,000
PROPOSAL ID: GM009893	PROJECT BEGIN DATE: 01-MAR-2025
PROJECT: 8007581	PROJECT END DATE: 28-FEB-2026
PI: Qiang,Zhe	DISCIPLINE: Polymer Science and Engineerin
PRIME SPONSOR:Board of Trustees of IHL	PROJECT TITLE:Compositions and Methods of Manufacture of Multifunctional Monomer for the Production of High Thermal Stability Thermoset Matrices
AWARD NUMBER: 2024-23	SPONSOR AMOUNT: 50,000
PROPOSAL ID: GM009895	PROJECT BEGIN DATE: 01-MAR-2025
PROJECT: 8007583	PROJECT END DATE: 28-FEB-2026
PI: Wiggins,Jeffrey Stuart	DISCIPLINE: Polymer Science and Engineerin
PRIME SPONSOR:U.S. Department of Defense	PROJECT TITLE:Graphene Enabled Technologies for Ground Combat Operations, Phase 2
AWARD NUMBER: 25-08-17	SPONSOR AMOUNT: 500,000
PROPOSAL ID: GM009900	PROJECT BEGIN DATE: 01-AUG-2024
PROJECT: 8007588	PROJECT END DATE: 31-JUL-2025
PI: Patton,Derek L	DISCIPLINE: Polymer Science and Engineerin
COPI: Qiang,Zhe	
COPI: Ma,Boran	

School of Polymer Science and TOTAL770,045

TOTAL College of Arts and Sciences1,276,784

College of Education and Human Sciences

PRIME SPONSOR:U.S. Department of Education	PROJECT TITLE:USM NEST: New Educators Soar into Teaching
AWARD NUMBER: S336S230065	SPONSOR SUPP FUND: 279,857 *
PROPOSAL ID: GM009645	PROJECT BEGIN DATE: 01-OCT-2023
PROJECT: 8007281	PROJECT END DATE: 12-FEB-2025
PI: Goode,Gretchen Sue	DISCIPLINE: Curriculum Instruction and Spe

School of Education TOTAL279,857

PRIME SPONSOR:U.S. Dept of Health and Human Services	PROJECT TITLE:Influence of Exaggerated Muscle Metaboreflex Responses on Aortic Blood Flow in Individuals with Metabolic Syndrome, and Associations with Functional Capacity
AWARD NUMBER: SP15111-SB36	SPONSOR AMOUNT: 59,200
PROPOSAL ID: GM009902	PROJECT BEGIN DATE: 01-AUG-2024
PROJECT: 8007590	PROJECT END DATE: 31-JUL-2025
PI: Stavres,Jonathon Ray	DISCIPLINE: Kinesiology
COPI: Graybeal,Austin J	

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PRIME SPONSOR:School Nutrition Foundation
AWARD NUMBER:
PROPOSAL ID: GM009904
PROJECT: 8007593
PI: Landry,Alicia

PROJECT TITLE: LEAD to Succeed
SPONSOR AMOUNT: 37,694
PROJECT BEGIN DATE: 01-NOV-2024
PROJECT END DATE: 31-DEC-2025
DISCIPLINE: Nutrition & Food Systems

School of Kinesiology & Nutrit TOTAL 96,894

PRIME SPONSOR:Forrest General Hospital
AWARD NUMBER:
PROPOSAL ID: GM009887
PROJECT: 8007575
PI: Brazeal,Michelle

PROJECT TITLE: Forrest General Health FMRC Integrated Health Initiative
SPONSOR AMOUNT: 144,039
PROJECT BEGIN DATE: 01-FEB-2025
PROJECT END DATE: 31-JAN-2027
DISCIPLINE: Social Work

School of Social Work TOTAL 144,039

TOTAL College of Education and Human Sciences 520,790

College of Nursing and Health Professions

PRIME SPONSOR:United Way of the Pine Belt
AWARD NUMBER:
PROPOSAL ID: GM009896
PROJECT: 8007584
PI: Myers,Sarah R
COPI: Cloud,Steven J

PROJECT TITLE: United Way Pine Belt Region 25
SPONSOR AMOUNT: 11,500
PROJECT BEGIN DATE: 01-JAN-2025
PROJECT END DATE: 31-DEC-2025
DISCIPLINE: Speech and Hearing Science

School of Speech & Hearing Sci TOTAL 11,500

TOTAL College of Nursing and Health Professions 11,500

Provost and VP for Acad Affair

PRIME SPONSOR:U.S. National Archives and Records Admin
AWARD NUMBER: 035300.366845.02
PROPOSAL ID: GM009903
PROJECT: 8007592
PI: La Beaud,Elizabeth Victoria

PROJECT TITLE: The Civil War & Reconstruction Governors of Mississippi Digital Documentary Edition (CWRGM) 2024-2025
SPONSOR AMOUNT: 36,243
PROJECT BEGIN DATE: 01-JUL-2024
PROJECT END DATE: 30-JUN-2025
DISCIPLINE: University Libraries

Provost and VP for Acad Affair TOTAL 36,243

TOTAL Provost and VP for Acad Affair 36,243

Vice President for Research

PRIME SPONSOR:U.S. Department of the Interior
AWARD NUMBER: 23-F05-01
PROPOSAL ID: GM009502
PROJECT: 8007121
PI: Hendon,Jill

PROJECT TITLE: Technical, Scientific Logistical and Communications Support for Environmental Studies "Whale Shark Movement Ecology"
SPONSOR SUPP FUND: 10,000 *
PROJECT BEGIN DATE: 01-JAN-2023
PROJECT END DATE: 01-JAN-2026
DISCIPLINE: GCRL Center for Fisheries Rese

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PRIME SPONSOR:U.S. Department of Commerce	PROJECT TITLE:	Reproductive characteristics and spawning migrations of Gulf of Mexico Cobia (Rachycentron canadum) along the Florida peninsula.
AWARD NUMBER: 24186	SPONSOR AMOUNT:	8,405
PROPOSAL ID: GM009889	PROJECT BEGIN DATE:	01-SEP-2021
PROJECT: 8007577	PROJECT END DATE:	31-AUG-2025
PI: Franks Jr,James S	DISCIPLINE:	GCRL Center for Fisheries Rese
COPI: Hendon,Jill		
PRIME SPONSOR:U.S. Department of Commerce	PROJECT TITLE:	Data Assembly Hub for Uncrewed Systems (UxS)
AWARD NUMBER: NA230AR4690424	SPONSOR SUPP FUND:	1,230,443 *
PROPOSAL ID: GM009574	PROJECT BEGIN DATE:	01-SEP-2023
PROJECT: 8007199	PROJECT END DATE:	31-AUG-2025
PI: Jones, Henry L	DISCIPLINE:	Hydrographic Science Research
COPI: Hill, Joshua B		
PRIME SPONSOR:U.S. Dept of Health and Human Services	PROJECT TITLE:	LEND Southern Miss
AWARD NUMBER: FP 54980	SPONSOR SUPP FUND:	63,564 *
PROPOSAL ID: GM009477	PROJECT BEGIN DATE:	01-JUL-2022
PROJECT: 8007096	PROJECT END DATE:	30-JUN-2025
PI: Alliston, Jerry Rene	DISCIPLINE:	Institute for Disability Study
PRIME SPONSOR:U.S. Department of Commerce	PROJECT TITLE:	2025 Knauss Fellowship: Kennady Hertz
AWARD NUMBER: NA250ARX417C0128-T1-01	SPONSOR AMOUNT:	91,400
PROPOSAL ID: GM009882	PROJECT BEGIN DATE:	01-FEB-2025
PROJECT: 8007570	PROJECT END DATE:	28-FEB-2026
PI: Swann,David LaDon	DISCIPLINE:	MS-AL Sea Grant Consorti
PRIME SPONSOR:U.S. Department of Commerce	PROJECT TITLE:	2025 Knauss Fellowship: Alexandra Smith
AWARD NUMBER: NA250ARX417C0129-T1-01	SPONSOR AMOUNT:	5,000
PROPOSAL ID: GM009883	PROJECT BEGIN DATE:	01-FEB-2025
PROJECT: 8007571	PROJECT END DATE:	28-FEB-2026
PI: Swann,David LaDon	DISCIPLINE:	MS-AL Sea Grant Consorti
PRIME SPONSOR:U.S. Department of Commerce	PROJECT TITLE:	2025 Knauss Fellowship: Autumn Moya
AWARD NUMBER: NA250ARX417C0133-T1-01	SPONSOR AMOUNT:	76,400
PROPOSAL ID: GM009888	PROJECT BEGIN DATE:	01-FEB-2025
PROJECT: 8007576	PROJECT END DATE:	28-FEB-2026
PI: Swann,David LaDon	DISCIPLINE:	MS-AL Sea Grant Consorti
PRIME SPONSOR:U.S. Department of Commerce	PROJECT TITLE:	Phase IV: Sea Grant Aquaculture Liaison
AWARD NUMBER: NA240ARX417C0155-T3-01S00	SPONSOR AMOUNT:	767,281
PROPOSAL ID: GM009906	PROJECT BEGIN DATE:	01-FEB-2024
PROJECT: 8007595	PROJECT END DATE:	31-JAN-2028
PI: Swann,David LaDon	DISCIPLINE:	MS-AL Sea Grant Consorti

Vice President for Research TOTAL	2,252,493
TOTAL Vice President for Research	2,252,493
GRAND TOTAL	4,097,810

Prime Sponsor: Project Apis m.	Project Title: Targeting Varroa destructor microRNAs to Disrupt Viral Transmission and Propagation in Apis mellifera	
Direct Sponsor: Project Apis m.	Sponsor Amount: 197,674.00	
Status: Submitted	Project Begin Date: 01-JUN-2025	
Submitted Date: 01-FEB-2025	Project End Date: 31-MAY-2027	
PI: Deepak Kumar	Discipline: Cell and Molecular Biology	
CPI: Shahid Karim	School: School of Biological, Earth, a	
Prime Sponsor: National Institutes of Health	Project Title: Genomic Surveillance of Exotic Tick Species Parasitizing Migratory Birds	
Direct Sponsor: National Institutes of Health	Sponsor Amount: 429,020.00	
Status: Submitted	Project Begin Date: 01-JAN-2026	
Submitted Date: 16-FEB-2025	Project End Date: 31-DEC-2027	
PI: Shahid Karim	Discipline: Cell and Molecular Biology	
	School: School of Biological, Earth, a	
Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: Unconventional TNF Release from Mast Cells	
Direct Sponsor: National Institutes of Health	Sponsor Amount: 562,084.00	
Status: Submitted	Project Begin Date: 01-DEC-2025	
Submitted Date: 25-FEB-2025	Project End Date: 30-NOV-2028	
PI: Hao Xu	Discipline: Cell and Molecular Biology	
	School: School of Biological, Earth, a	
Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: Characterization of a novel IκB variant in mouse trophoblasts	
Direct Sponsor: National Institutes of Health	Sponsor Amount: 150,000.00	
Status: Submitted	Project Begin Date: 15-JAN-2026	
Submitted Date: 14-FEB-2025	Project End Date: 15-DEC-2027	
PI: YanLin Guo	Discipline: Cell and Molecular Biology	
	School: School of Biological, Earth, a	
School of Biological, Earth, a TOTAL:		1,338,778.00
Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: Redox-tunable peptide condensates as efficient cell delivery vehicles	
Direct Sponsor: National Institutes of Health	Sponsor Amount: 412,500.00	
Status: Submitted	Project Begin Date: 01-OCT-2025	
Submitted Date: 13-FEB-2025	Project End Date: 30-SEP-2027	
PI: Vijay Rangachari	Discipline: Chemistry & Biochemistry	
	School: ASMANS	
ASMANS TOTAL:		412,500.00

Prime Sponsor: Rainwater Charitable Foundation	Project Title: Structure, biochemical, and pathological properties of TDP-43 - Tau hybrid aggregates in tauopathies
Direct Sponsor: Rainwater Charitable Foundation	Sponsor Amount: 497,180.00
Status: Submitted	Project Begin Date: 01-NOV-2025
Submitted Date: 27-FEB-2025	Project End Date: 31-OCT-2027
PI: Vijay Rangachari	Discipline: Chemistry & Biochemistry
	School: ASMANS
ASMANS TOTAL: 497,180.00	
Prime Sponsor: Mathematical Association of America	Project Title: NREUP at USM: Deep Learning for Mathematical Reasoning and Physical Science
Direct Sponsor: Mathematical Association of America	Sponsor Amount: 35,000.00
Status: Submitted	Project Begin Date: 15-MAY-2025
Submitted Date: 28-FEB-2025	Project End Date: 14-MAY-2026
PI: Zhifu Xie	Discipline: Mathematics
CPI: Qingguang Guan	School: ASMANS
ASMANS TOTAL: 35,000.00	
Prime Sponsor: National Science Foundation	Project Title: Neuronal calcium dynamics and neurodegeneration: Development of mathematical and-computational methods for complex geometry problems
Direct Sponsor: Temple University	Sponsor Amount: 184,911.00
Status: Submitted	Project Begin Date: 01-JUL-2026
Submitted Date: 28-FEB-2025	Project End Date: 30-JUN-2029
PI: Qingguang Guan	Discipline: Mathematics
	School: ASMANS
ASMANS TOTAL: 184,911.00	
Prime Sponsor: U.S. Department of Commerce	Project Title: OECI MDBC YR 7: Eagle Ray Cruise
Direct Sponsor: University of Rhode Island	Sponsor Amount: 167,103.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 06-FEB-2025	Project End Date: 30-JUN-2026
PI: Stephan D Howden	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 167,103.00	

Prime Sponsor: U.S. Department of Commerce	Project Title: OECI MDBC Y7 Lander Sustainment
Direct Sponsor: University of Rhode Island	Sponsor Amount: 91,739.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 04-FEB-2025	Project End Date: 30-JUN-2026
PI: Stephan D Howden	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 91,739.00	
Prime Sponsor: National Aeronautics and Space Admin	Project Title: Machine Learning Tool for Gulf of Mexico Phytoplankton Identification and Forecast Introduction
Direct Sponsor: National Aeronautics and Space Admin	Sponsor Amount: 143,577.00
Status: Submitted	Project Begin Date: 01-NOV-2025
Submitted Date: 26-FEB-2025	Project End Date: 14-AUG-2028
PI: Diana Noa Bernstein	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 143,577.00	
Prime Sponsor: National Aeronautics and Space Admin	Project Title: Impacts on Phytoplankton Community and Carbon Export by Episodic Mesoscale Events
Direct Sponsor: National Aeronautics and Space Admin	Sponsor Amount: 969,481.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 07-FEB-2025	Project End Date: 30-JUN-2028
PI: Xiaodong Zhang	Discipline: Marine Science
	School: ASOSAE
ASOSAE TOTAL: 969,481.00	
Prime Sponsor: U.S. Department of Commerce	Project Title: OECI MDBC Y7 - Deepwater ROV - Global Explorer
Direct Sponsor: University of Rhode Island	Sponsor Amount: 724,769.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 26-FEB-2025	Project End Date: 30-JUN-2026
PI: Leila J Hamdan	Discipline: School of Ocean Science and En
	School: ASOSAE
ASOSAE TOTAL: 724,769.00	

Prime Sponsor: U.S. Department of Commerce	Project Title: OECI MDBC Y7 - Sample Processing (Soft Sediment)
Direct Sponsor: University of Rhode Island	Sponsor Amount: 505,801.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 19-FEB-2025	Project End Date: 30-JUN-2026
PI: Leila J Hamdan	Discipline: School of Ocean Science and En
	School: ASOSAE
ASOSAE TOTAL: 505,801.00	
Prime Sponsor: U.S. Department of Commerce	Project Title: OECI MDBC Y7 - mROV Shakedown
Direct Sponsor: University of Rhode Island	Sponsor Amount: 522,664.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 19-FEB-2025	Project End Date: 30-JUN-2026
PI: Leila J Hamdan	Discipline: School of Ocean Science and En
	School: ASOSAE
ASOSAE TOTAL: 522,664.00	
Prime Sponsor: National Institutes of Health	Project Title: Spray Delivery of Bioactive Scaffolds to Support Skin Regeneration Following Bur-
Direct Sponsor: National Institutes of Health	n Injury
Status: Submitted	Sponsor Amount: 1,500,000.00
Submitted Date: 03-FEB-2025	Project Begin Date: 01-OCT-2025
PI: Tristan De Vere Clemons	Project End Date: 30-SEP-2030
	Discipline: Polymer Science and Engineerin
	School: ASPSAE
ASPSAE TOTAL: 1,500,000.00	
Prime Sponsor: National Science Foundation	Project Title: Collaborative Research: DMREF: NSF-DST: Accelerated Development of Polymer Salog-
Direct Sponsor: National Science Foundation	els
Status: Submitted	Sponsor Amount: 384,234.00
Submitted Date: 04-FEB-2025	Project Begin Date: 01-SEP-2025
PI: Boran Ma	Project End Date: 31-AUG-2029
	Discipline: Polymer Science and Engineerin
	School: ASPSAE
ASPSAE TOTAL: 384,234.00	

Prime Sponsor: National Science Foundation	Project Title: Collaborative Research: DMREF: NSF-NSERC: Data-Driven Materials by Design for High Performance Organic Mixed Ionic-Electronic Conductive Polymers and Devices
Direct Sponsor: National Science Foundation	Sponsor Amount: 466,668.00
Status: Submitted	Project Begin Date: 01-SEP-2025
Submitted Date: 04-FEB-2025	Project End Date: 31-AUG-2029
PI: Xiaodan Gu	Discipline: Polymer Science and Engineerin
	School: ASPSAE
ASPSAE TOTAL: 466,668.00	
Prime Sponsor: U.S. Department of Defense	Project Title: Manufacturing Advanced Composites for Hypersonics (MACH) 2.2
Direct Sponsor: University of South Carolina	Sponsor Amount: 748,295.00
Status: Submitted	Project Begin Date: 23-OCT-2024
Submitted Date: 21-FEB-2025	Project End Date: 16-SEP-2026
PI: Olivia Devon Brooks McNair	Discipline: Polymer Science and Engineerin
	School: ASPSAE
ASPSAE TOTAL: 748,295.00	
Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: Tissue Engineering Scaffold Cookbook: Computation-Driven Rational Design of Chit-osan-Based Semi-Interpenetrating Polymer Networks
Direct Sponsor: National Institutes of Health	Sponsor Amount: 600,000.00
Status: Submitted	Project Begin Date: 01-DEC-2025
Submitted Date: 14-FEB-2025	Project End Date: 30-NOV-2028
PI: Boran Ma	Discipline: Polymer Science and Engineerin
	School: ASPSAE
ASPSAE TOTAL: 600,000.00	
Prime Sponsor: U.S. Department of Agriculture	Project Title: Harvesting Prosperity: A Comprehensive Market Research and Economic Development - Initiative for Downtown Hattiesburg Farmer's Market
Direct Sponsor: U.S. Department of Agriculture	Sponsor Amount: 95,017.00
Status: Submitted	Project Begin Date: 01-JUN-2025
Submitted Date: 27-FEB-2025	Project End Date: 31-MAY-2026
PI: Wei Wang	Discipline: Hospitality and Tourism Manage
CPI: Chao Meng	School: BEMTKG
BEMTKG TOTAL: 95,017.00	

The University of Southern Mississippi
PROPOSAL ACTIVITY
01-FEB-2025 - 28-FEB-2025

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Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: The impact of social stress on the physiological and psychosocial functioning of-adolescents
Direct Sponsor: University of Mississippi Medical Center	Sponsor Amount: 54,765.00
Status: Submitted	Project Begin Date: 01-AUG-2025
Submitted Date: 24-FEB-2025	Project End Date: 31-JUL-2026
PI: Alexander Karl Kaeppler	Discipline: Child and Family Studies
	School: EHCAFS
EHCAFS TOTAL: 54,765.00	
Prime Sponsor: Spencer Foundation	Project Title: Evaluating the Role of Faculty K-12 Teaching Experience in Educator Preparation - Program Effectiveness
Direct Sponsor: Spencer Foundation	Sponsor Amount: 354,834.00
Status: Submitted	Project Begin Date: 01-MAY-2026
Submitted Date: 10-FEB-2025	Project End Date: 30-APR-2029
PI: Brett Michael Stamm	Discipline: Curriculum Instruction and Spe
	School: EHEDUC
EHEDUC TOTAL: 354,834.00	
Prime Sponsor: U.S. Department of Education	Project Title: Nita M. Lowey 21st Century Community Learning Center Going Beyond Apprenticeship-Program (Year 2)
Direct Sponsor: Mississippi Department of Education	Sponsor Amount: 386,242.00
Status: Submitted	Project Begin Date: 01-DEC-2024
Submitted Date: 18-FEB-2025	Project End Date: 30-NOV-2025
PI: Jo Yarketta Hawkins-Jones	Discipline: Curriculum Instruction and Spe
	School: EHEDUC
EHEDUC TOTAL: 386,242.00	
Prime Sponsor: Spencer Foundation	Project Title: Linguistic Equity: Simplifying and Translating Higher Education Access Materials-for Linguistically Minoritized Students and Support Networks
Direct Sponsor: Spencer Foundation	Sponsor Amount: 487,500.00
Status: Submitted	Project Begin Date: 01-AUG-2025
Submitted Date: 10-FEB-2025	Project End Date: 31-JUL-2030
PI: Zachary Wayne Taylor	Discipline: Educational Research and Admin
	School: EHEDUC
EHEDUC TOTAL: 487,500.00	

Prime Sponsor: Comparative and International Education Society	Project Title: Impact of Study Abroad Programs
Direct Sponsor: Study Abroad and International Students Special Interest	Sponsor Amount: 469.00
Status: Submitted	Project Begin Date: 01-APR-2025
Submitted Date: 25-FEB-2025	Project End Date: 01-MAR-2026
PI: Andrew Scott Herridge	Discipline: Educational Research and Admin
	School: EHEDUC
EHEDUC TOTAL: 469.00	
Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: Delta LEARNS: Innovation in Nutrition, Physical Activity, and Agriculture
Direct Sponsor: University of Mississippi Medical Center	Sponsor Amount: 47,921.00
Status: Submitted	Project Begin Date: 01-AUG-2025
Submitted Date: 24-FEB-2025	Project End Date: 31-JUL-2026
PI: Alicia Landry	Discipline: Nutrition & Food Systems
	School: EHKINN
EHKINN TOTAL: 47,921.00	
Prime Sponsor: Institute of Museum and Library Services	Project Title: Bringing Inclusive Excellence to Life: Backtracking iSchool Student Experiences - to Surface Enablers, Barriers, and Assets
Direct Sponsor: Florida State University	Sponsor Amount: 100,000.00
Status: Submitted	Project Begin Date: 01-AUG-2025
Submitted Date: 25-FEB-2025	Project End Date: 07-JUL-2028
PI: Laura Kelly Clark Hunt	Discipline: Library & Information Science
	School: EHLAIS
EHLAIS TOTAL: 100,000.00	
Prime Sponsor: U.S. Dept of Health and Human Services	Project Title: "The Implementation of A Telehealth Group Therapy Intervention for Legally Involved College Students"
Direct Sponsor: University of Mississippi Medical Center	Sponsor Amount: 59,786.00
Status: Submitted	Project Begin Date: 01-AUG-2025
Submitted Date: 24-FEB-2025	Project End Date: 31-JUL-2026
PI: Ashley Cheyenne Trow Jones	Discipline: Psychology
	School: EHPSYC
EHPSYC TOTAL: 59,786.00	

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Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: Health Resources and Services Admin.
Status: Submitted
Submitted Date: 24-FEB-2025
PI: LaWanda Wallace Baskin

Project Title: Nurse Faculty Loan Program (NFLP)
Sponsor Amount: 483,277.00
Project Begin Date: 01-JUL-2025
Project End Date: 30-JUN-2026
Discipline: CNHP - Dean's Office
School: DEAN'S OFFICE CON

DEAN'S OFFICE CON TOTAL: 483,277.00

Prime Sponsor: National Institutes of Health
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 07-FEB-2025
PI: Hyunmin Kim

Project Title: Racial and Ethnic Disparities in Nursing Home Care Across Medicare Populations
Sponsor Amount: 4,000.00
Project Begin Date: 01-DEC-2025
Project End Date: 30-NOV-2027
Discipline: Department of Public Health
School: NHHPRO

NHHPRO TOTAL: 4,000.00

Prime Sponsor: U.S. Dept of Health and Human Services
Direct Sponsor: National Institutes of Health
Status: Submitted
Submitted Date: 05-FEB-2025
PI: Michong K Rayborn
CPI: Vijay Rangachari

Project Title: Novel Mechanistic Modeling for Sickle Cell Disease Pain Management Care
Sponsor Amount: 1,809,135.00
Project Begin Date: 01-SEP-2025
Project End Date: 31-AUG-2030
Discipline: Leadership & Advanced Nursing
School: NHLANP

NHLANP TOTAL: 1,809,135.00

Prime Sponsor: Vivosonic, Inc.
Direct Sponsor: Vivosonic, Inc.
Status: Submitted
Submitted Date: 14-FEB-2025
PI: Sangamanatha Ankmal Veeranna

Project Title: Comparison of Auditory Evoked Responses Recorded from different Systems
Sponsor Amount: 2,500.00
Project Begin Date: 13-FEB-2025
Project End Date: 12-FEB-2026
Discipline: Speech and Hearing Science
School: NNSAHS

NNSAHS TOTAL: 2,500.00

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Prime Sponsor: National Endowment for the Humanities	Project Title: Dirt & Deeds in Mississippi/Impressions of the Struggle
Direct Sponsor: Mississippi Humanities Council	Sponsor Amount: 1,580.00
Status: Submitted	Project Begin Date: 01-MAR-2025
Submitted Date: 14-FEB-2025	Project End Date: 31-MAR-2025
PI: Lorraine A Stuart	Discipline: McCain Library and Archives
CPI: Jessica Michelle Clark	School: PROVOST & VPAA
PROVOST & VPAA TOTAL: 1,580.00	
Prime Sponsor: Lyrasis	Project Title: Launching the First DART: Developing a Digital Accessibility Remediation Toolkit
Direct Sponsor: Lyrasis	Sponsor Amount: 15,151.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 25-FEB-2025	Project End Date: 30-JUN-2026
PI: Elizabeth La Beaud	Discipline: University Libraries
	School: PROVOST & VPAA
PROVOST & VPAA TOTAL: 15,151.00	
Prime Sponsor: American Library Association	Project Title: International Games Month Celebration at Cook Library
Direct Sponsor: American Library Association	Sponsor Amount: 1,641.00
Status: Submitted	Project Begin Date: 01-JUL-2025
Submitted Date: 28-FEB-2025	Project End Date: 30-JUN-2026
PI: Tisha Mae Zelner	Discipline: University Libraries
CPI: Courtney Kruzan	School: PROVOST & VPAA
PROVOST & VPAA TOTAL: 1,641.00	
Prime Sponsor: U.S. Department of Commerce	Project Title: Reproductive characteristics and spawning migrations of Gulf of Mexico Cobia (Ra- chycentron canadum) along the Florida peninsula.
Direct Sponsor: Florida Fish & Wildlife Conservati Commission	Sponsor Amount: 8,205.00
Status: Submitted	Project Begin Date: 30-JAN-2025
Submitted Date: 01-FEB-2025	Project End Date: 31-AUG-2025
PI: James S Franks	Discipline: GCRL Center for Fisheries Rese
CPI: Jill Hendon	School: VP FOR RESEARCH
CPI: Anna Katharyne Millender	
VP FOR RESEARCH TOTAL: 8,205.00	
TOTAL: 13,204,723.00	
Proposal Activity Grand Total: 13,204,723.00	