



Combined Proposal and Award Activity Report

Prepared by Office of Sponsored Programs
& Sponsored Program Accounting

October 2024

Comparison Charts of Proposal/Award/Expenditure for past 3 years: p. 2-5

Proposals Submitted by OSP: p. 6-14

Awards Budgeted by SPA: p. 15-22

Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 23-25

SUMMARY

October 1, 2024 through October 31, 2024

		October 2024	July- October 2024
Proposals Submitted by OSP	164	\$ 92,148,795	\$ 329,595,245
Awards Budgeted by SPA	90	\$ 42,616,570	\$ 115,772,480
Expenditures	--	--	\$ 62,286,881

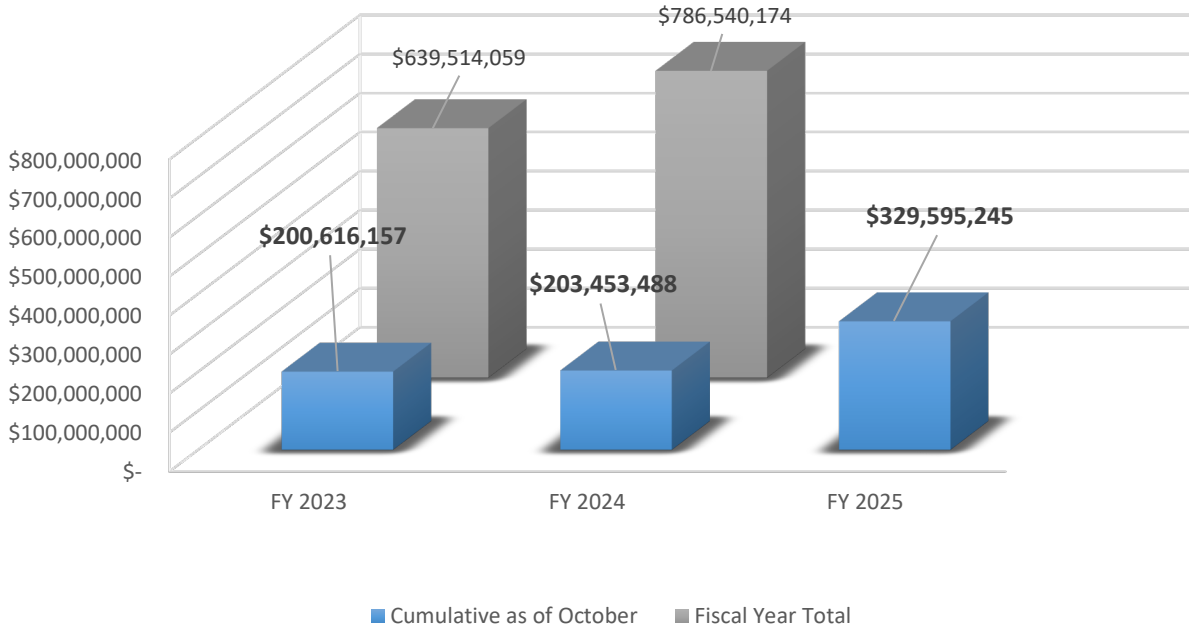
Awards by Sponsor October 2024

Sponsor Type	Number of Awards	Awarded Amount
Federal Agency	46	\$ 31,228,227
For Profit Organization	4	\$ 779,452
Local Government Agency	1	\$ 100,000
Non Louisiana State Agency	1	\$ 7,500
Non-Profit Organization	10	\$ 791,931
Private University - Not for Profit	3	\$ 168,978
Public University - Louisiana	2	\$ 141,446
Public University - Non-Louisiana	15	\$ 1,091,306
State Agency	8	\$ 8,307,730
TOTAL	90	\$ 42,616,570

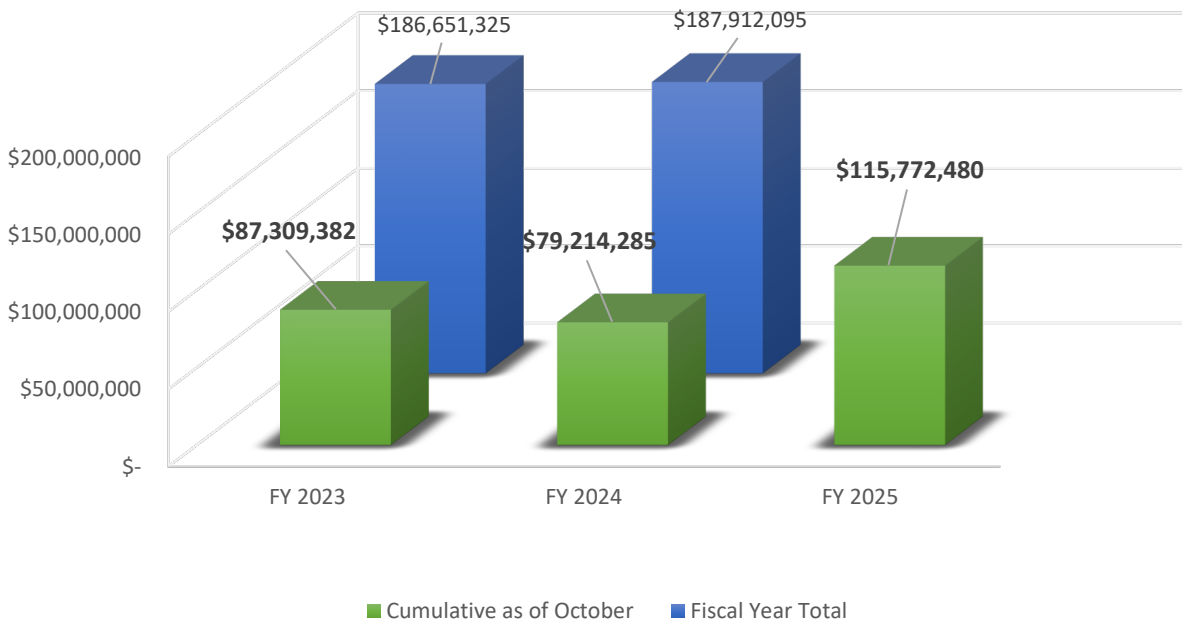


Comparison of Proposal & Award & Expenditure Data for past 3 years

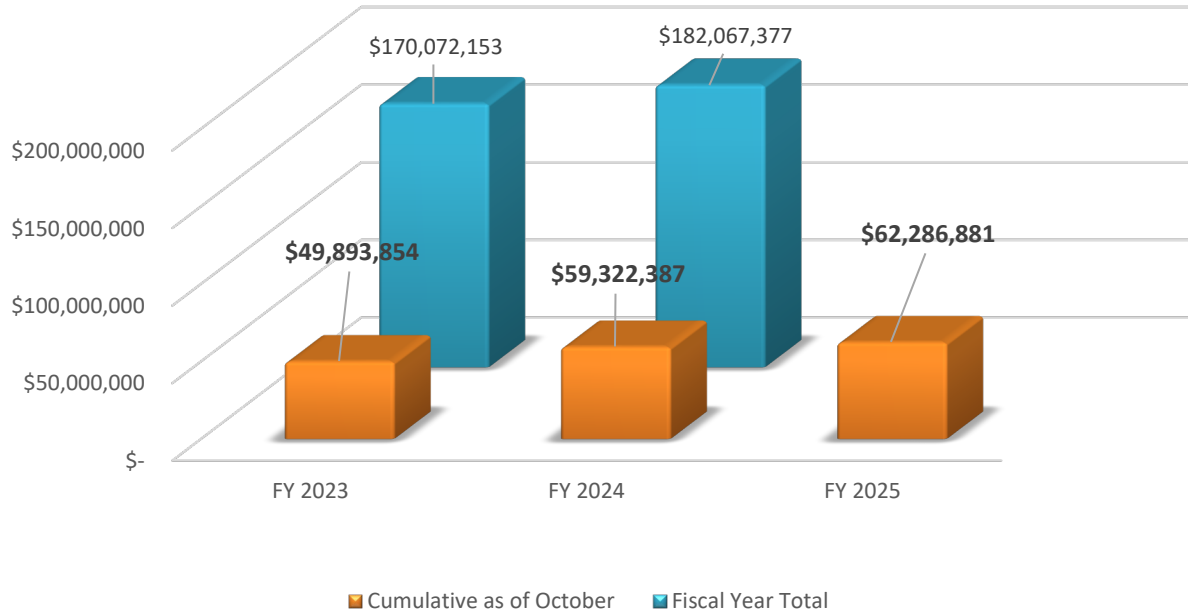
Comparison of Proposal Data for past 3 years



Comparison of Award Data for past 3 years

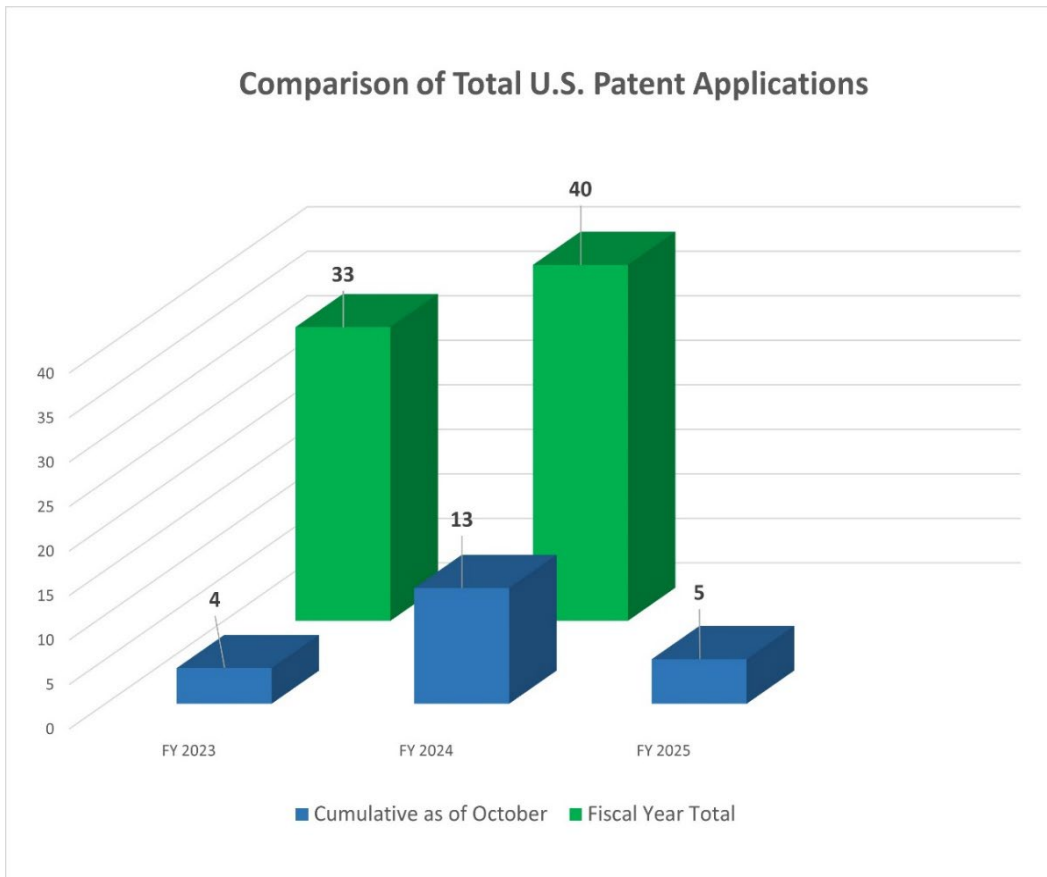
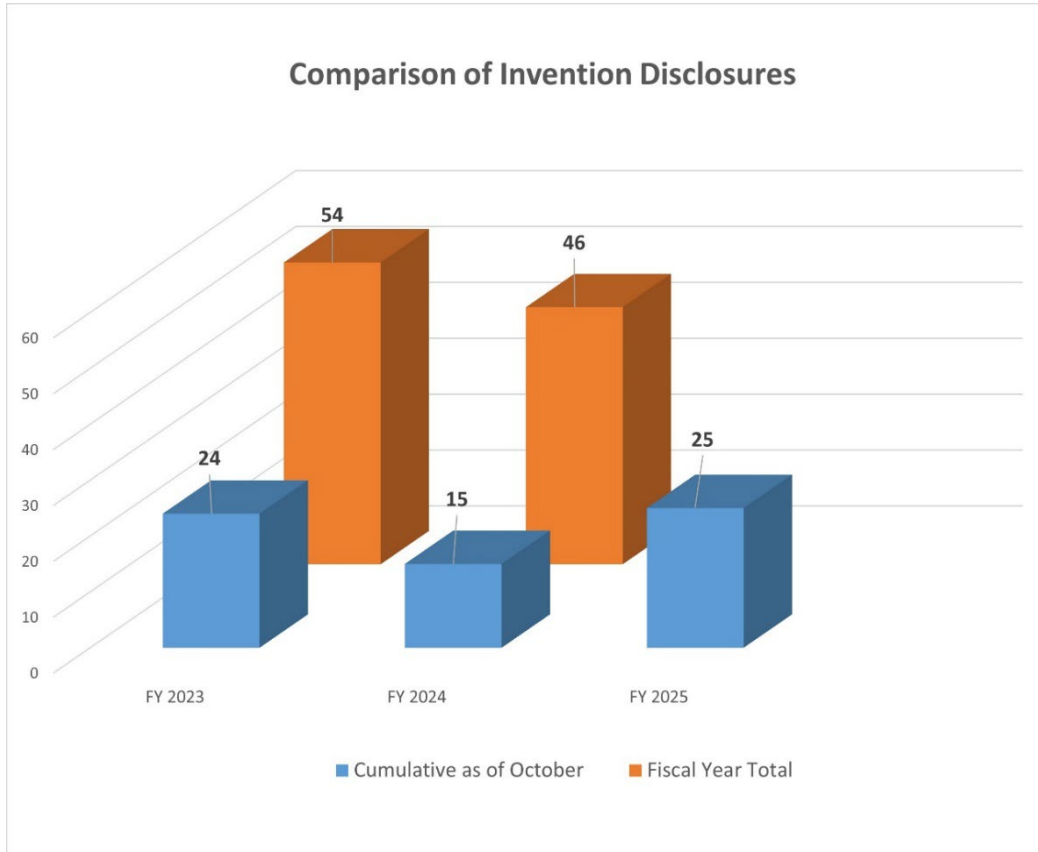


Comparison of Expenditure Data for past 3 years

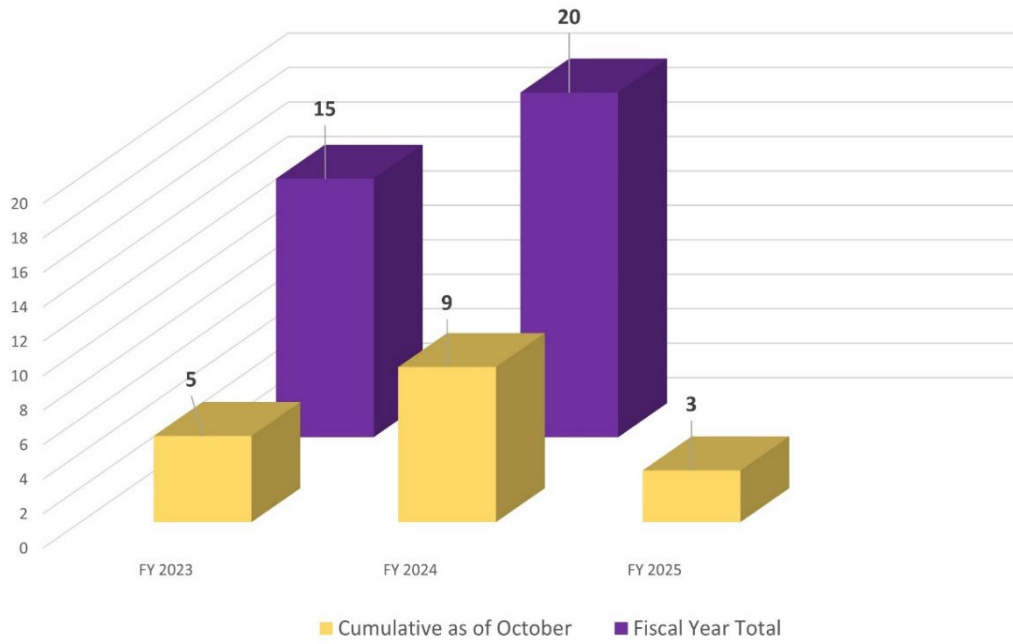


Report Footnotes: Proposal and award numbers are based off of project credit at time the report is generated.
Expenditure numbers are based off of the cost center charged at time the report is generated.

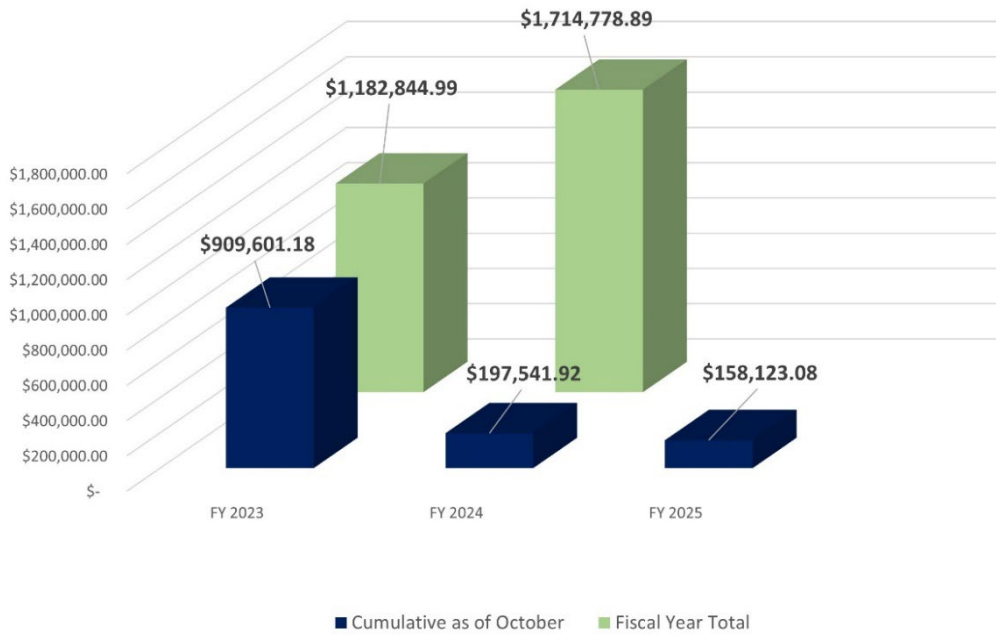
Comparison of Invention & Patent & Revenue for past 3 years



Comparison of Total U.S. Patents Issued



Comparison of Total Revenue for Licensing of Intellectual Property



Proposals Submitted by OSP

October 2024

<u>Principal Investigator</u> <u>Co-PI(s)</u>	<u>Type</u>	<u>Agency</u>	<u>Title</u>	<u>Amount</u>
Capone, Rudynah Entera	P	LA Transportation Research Center (LTRC)	LTAP - Local Technical Assistance Program	\$ 1,154,165.00
Kousoulas, Konstantin G Jois, Seetharama D	P C	National Institutes of Health (NIH)	Unveiling and Mitigating Disparities in Neuraxial Anesthesia Utilization During Labor	\$ 227,154.00
Givens, Stephanie Reber Givens, Joseph R	P C	Office of Postsecondary Education	LSU Upward Bound-Tara High School EBR	\$ 309,501.00
Givens, Stephanie Reber Givens, Joseph R	P C	Office of Postsecondary Education	LSU Upward Bound-Coastal Rural	\$ 299,038.00
Treadwell, Dyrel Stephen Jr Hagan, Gail Beverly	P C	LA Department of Health (LDH)	Louisiana Behavioral Risk Factor Surveillance System Proposal	\$ 547,500.00
Moles, Aimee Sinclair, Hillary Colleen	P C	LA Department of Public Safety & Corrections	Pay for Success Initiative	\$ 92,505.00
Su, Yen Fang An, Yaxin	P C	National Science Foundation (NSF)	FMSG: Cyber: Toward Future Underwater Additive Manufacturing of Construction Materials Through AI-Guided Sensing and Materials Modeling	\$ 10,000.00
Bureau, Daniel Singer, Adam Joseph	P O	Southeastern Louisiana University (SELU)	Collegiate Recovery Program (CRP) Grant Funding	\$ 125,368.00
Cohen, Alex S	P	Quantic Innovations, Inc	Collaborative Research Data Sharing to promote Digital Phenotyping	\$ 14,646.00
George, Kevin	P	LA Department of Education (LDOE)	2024-2025 Super App Title IIa	\$ 1,224.00
Trahan, Gregory George Fudickar, Robert Ernest	P C	Economic Development Administration (EDA)	Gulf Louisiana Offshore Wind (GLOW) Propeller: Phase 2 Tech Hub Overarching Narrative Submission	\$ 447,454.00
Abuaita, Basel	P	National Institutes of Health (NIH)	Regulation of neutrophil endoplasmic reticulum stress response by IRE1a	\$ 2,477,400.00
George, Kevin	P	LA Department of Education (LDOE)	2024-2025 Super App Title IV	\$ 1,000.00
Huang, Weishan	P	American Federation for Aging Research	Mechanisms of Lung Immune Memory Decline During Aging	\$ 375,000.00
Harmon, Brendan Gilbert, Hunter Bryant Kazemian, Ali	P C C	USDA National Institute of Food and Agriculture (NIFA)	Soil 3D Printing for Precise Autonomous Planting	\$ 625,039.00
Butler, Leslie G	P	Adelphi Technology, Inc.	Ultra Compact Neutron Generator	\$ 49,360.00
Greenwood, Bryan L Maas, Andrew J	P C	LA Economic Development (LED)	LED LSBDC EDA CARES Act Training Pilot - Supplement	\$ 50,000.00
Morris, Samuel L	P	Office of Head Start	Mental Health Services for Head Start	\$ 4,748.00
Chen, Yu Curry, Jennifer Elseifi, Mostafa A Gentimis, Athanasios Jasim, Mahmood	P C C C C	National Science Foundation (NSF)	Paving the Ground for STEM Pathways: The Role of AI-model Based Academic Advising on Students' STEM Choices	\$ 1,499,764.00
Shuck, Brandon	P	National Science Foundation (NSF)	Collaborative Research: A seismic experiment to investigate mantle dynamics during the early stages of seafloor spreading in the Atlantic	\$ 646,207.00
Dare, Emily Anna Begat, Vanessa Ellis, Joshua Alexander Daniels-Race, Theda M	P C C O	National Science Foundation (NSF)	Reflect, Act, and Lead Using the STEM Observation Protocol (ReAL STEM)	\$ 2,250,995.00

Dare, Emily Anna	P	Southern Methodist University	Equitable Participation in STEM: Epistemic Practices in Small Group Engineering Activities in Grades K-5 (EPISTEM)	\$	525,516.00
Bruckner, Muriel	P	National Science Foundation (NSF)	Collaborative Research: Quantifying the Role of Oyster-Saltmarsh Interactions in Driving Coastal Sediment Transport and Morphology	\$	229,346.00
Rivas, Fatima	P	National Science Foundation (NSF)	Harnessing Conjugation Cascades to Engineer Sophisticated Molecular Structures	\$	578,316.00
Robinson, Petra	P	National Science Foundation (NSF)	RESS: PEACE in STEM	\$	749,537.00
Hager, Bethany Anne	C				
Williams, Tyrslai Menyae	C				
McMillan, Alvera H	O				
Richard, Golden G III	O				
Moyo, Sydney	P	Louisiana State University Agricultural Center	Mussel Monitors: Assessing the Historical and Recent Prevalence of Legacy Contaminants using Biogeochemical Markers in Freshwater Mussels	\$	236,355.00
Herrmann, Achim	C				
Mandalika, Anurag	P	USDA National Institute of Food and Agriculture (NIFA)	Valorization of Sugarcane Factory Molasses into Biofuels and Biomaterials	\$	299,987.00
Buckner, Julia D	P	National Institutes of Health (NIH)	Integrated Behavioral Treatment for Cannabis and Anxiety Disorders	\$	2,917,966.00
Wang, Xingting	P	National Science Foundation (NSF)	Homological Methods in Quantum Symmetries	\$	202,933.00
An, Yaxin	P	National Institutes of Health (NIH)	Bottlebrush Polyzwitterions for Drug Delivery to Membraneless Organelles	\$	1,816,735.00
Jois, Seetharama D	P	US Department of the Army	Aptamer peptides as a novel treatment for suppressing arthritis progression	\$	609,370.00
Lee, Semin	P	National Science Foundation (NSF)	Synthesis of Conjugated Polymers via Ring-Opening Alkyne Metathesis Polymerization of Carbon Nanohoops	\$	655,401.00
Mohamed, Ahmed	P	National Institutes of Health (NIH)	Neural mechanisms underlying environmental contaminant-mediated stress behaviors	\$	2,555,174.00
Monroe, William Todd	C				
Moreira, Cristiano G	P	National Institutes of Health (NIH)	The composition of gut metabolites and microbiota influences the pathogenesis of both invasive non-typhoidal (iNT) and non-typhoidal (NT) Salmonella	\$	1,833,370.00
Moyo, Sydney	P	University of Oklahoma (OU)	Planning for a Fresher Future (Phase Two): Modelling the Effects of Climate Change and River Management Practices on Salt marsh Restoration Projects in Coastal Louisiana	\$	398,536.00
Marvel, Christopher	P	National Science Foundation (NSF)	High Energy Mechano-reduction Reactions and Unveiling Atomic Scale Phase Transformation Mechanisms	\$	522,605.00
Martinez, Juan Jose	P	National Institutes of Health (NIH)	Lipid metabolism and mitochondrial pathways involved in the pathogenesis of spotted fever group Rickettsia species	\$	2,878,185.00
Abuaita, Basel	C				
Beavers, William	C				
Bharti, Bhuvnesh	P	National Science Foundation (NSF)	Effects of micro/nanoplastics (MNPs) on atmospheric ice nucleation	\$	357,347.00
Jung, Jangwook	P	Baylor College of Medicine (BCM)	Engineering lignin composites to promote diabetic wound healing	\$	1,534,261.00
Stanfield, Brent	P	National Institutes of Health (NIH)	Development of the Guinea Pig Model of Kaposi's Sarcoma-associated Herpes Virus Infection	\$	412,500.00
Pettis, Gregg S	P	Louisiana State University Agricultural Center	Development of a disease management strategy based on natural inhibitors of spore germination of the sweet potato soil rot pathogen	\$	7,000.00
Abuaita, Basel	P	National Institutes of Health (NIH)	Regulation of Neutrophil Effector Functions by the Endoplasmic Reticulum Stress Sensor IRE1alpha	\$	400,848.00

Hill, Christopher Mark	P	National Science Foundation (NSF)	Collaborative Research: HCC:Medium:Transferring In-person Social and Perceptual Cues to Remote Collaborative Tasks	\$	499,433.00
Joharikhatoonabad, Karim	P	University of Iowa	The role of subthalamic nucleus and prefrontal cortex in neurocognitive mechanisms of speech production	\$	144,948.00
Rohli, Robert V	P	University of Oklahoma (OU)	Using Advanced Techniques to Predict Wildfire and Drought Risk in Louisiana Forest Systems	\$	399,141.00
Zhang, Fan	P	National Institutes of Health (NIH)	Microbial modulation of endocrine signaling in <i>C. elegans</i>	\$	1,813,500.00
Nader, Noujoud	P	National Science Foundation (NSF)	SCH: PAINT-DT: Potential of Artificial Intelligence in Nascent Technologies for Digital Twins	\$	1,199,988.00
Dey, Joyoni	C				
Kaiser, Hartmut	C				
Newhauser, Wayne D	C				
Rastegar Tohid, Mohammad	C				
Huang, Huanping	P	University of Oklahoma (OU)	Assessing and predicting salinity changes over the Lake Pontchartrain and Borgne region for water resources planning and management?	\$	399,986.00
Hou, Aixin	C				
Wang, Lei	C				
Guo, Shengmin	P	Refined Imaging, LLC	Nuclear Reactor Walls with Additive Manufacturing	\$	62,327.00
Mitchell, Mark	P	Association of Reptilian and Amphibian Veterinarians	Evaluating the Role of Ultraviolet B Light on the Health of Ex Situ Red-Eyed Tree Frogs (<i>Agalychnis callidryas</i>)	\$	5,012.00
Aguilar, Maria	C				
Cho, Eunhan	P	American Cancer Society	IMPACT: The use of Moderate-Intensity Aerobic Exercise to improve Immune Cellular and Soluble Factors in Colorectal Cancer Survivors	\$	147,500.00
Schneider, Gerald Johannes	P	Adelphi Technology, Inc.	LaTricorder - A Unique Tool to Identify Sub-surface Defects in Critical Infrastructure	\$	67,622.00
Chen, Chen	P	National Institutes of Health (NIH)	SSLs immune manipulation in <i>S aureus</i> colonization, infection, and a potential therapy against pneumonia	\$	2,228,198.00
Yakob, Yonas	P	US Department of Transportation	Baton Rouge-LSU Community Connectivity Improvements Project	\$	18,000,000.00
McPeak, Kevin Michael	P	National Science Foundation (NSF)	Widening the Nation's STEM Workforce INside Louisiana: WIN-WIN	\$	1,590,000.00
Hiatt, Matthew	C				
Miller, Paul	C				
Dey, Joyoni	P	Refined Imaging, LLC	X-ray and Neutron Interferometry for Plant Root Imaging	\$	80,002.00
Coutts, Victoria Makenzie	P	Life Sciences Research Foundation	Impacts of ectoparasites on parental behavior and the developing offspring microbiome of a wild songbird	\$	231,000.00
Capron, Daniel	P	National Institutes of Health (NIH)	Tablet-Delivered Single-Session Anxiety Reduction for Individuals with Mild Cognitive Impairment and Alzheimers and Related Diseases	\$	684,295.00
Calamia, Matthew Ray	C				
Evans, Teairra Z	C				
Morales Yniguez, Francisco J	P	Grayson-Jockey Club Research Foundation, Inc.	Development of a New Technique Using a Synthetic Ligament to Add Support to the Suspensory Apparatus of the Fetlock in Horses	\$	89,670.00
Cremer, Jeannette	C				
Hall, Laura Riggs	C				
Cai, Qi	P	National Institutes of Health (NIH)	Precise Vascular Protein Manipulation for On-Demand Brain Drug Delivery	\$	538,447.00
Okeil, Ayman M	P	NEx	Develop Design Guidelines for Non-Metallic Tendons and Ropes in Pre-Stressing and Post-Tensioning Systems	\$	48,826.00

Becker, Sarah Anna Crocco, Oliver Dean, Laura	P C C	International Research and Exchanges Board Inc. (IREX)	2025 Mandela Washington Fellowship	\$	201,796.00
Kameshwar, Sabarethinam Konsoer, Kory Matthew	P C	USDA National Institute of Food and Agriculture (NIFA)	GRAIN: Guiding Resilience of Agri-Infrastructure for Natural Disasters - Lessons from Hurricane Francine	\$	300,000.00
Cai, Qi	P	American Cancer Society	Astrocytic laminin-211 inhibits glioblastoma cell migration through tumor-microenvironment crosstalk	\$	293,810.00
Mitchell, Brant Dylan	P	Lafayette Parish Government	Lafayette Parish Emergency Operations Plan (EOP)	\$	64,500.00
Lee, Yongcheol	P	Construction Industry Institute	Accelerating AI for Construction Safety	\$	25,000.00
Cohen, Alex S	P	LA Department of Health (LDH)	Psychology Externs at Jackson State Hospital 2024-27	\$	196,974.00
Li, Shisheng	P	National Science Foundation (NSF)	The roles of the Rad4-Tfb1 complex and Mcm2 in nucleotide excision repair	\$	998,378.00
Wilson-Kennedy, Zakiya S Robinson, Petra Jones, Tamera Thennakoon Mudalige Silva, Supuni	P C O O	National Science Foundation (NSF)	Scholarship Optimizing the Success of All Students (SOS)	\$	1,929,418.00
Vourekas, Anastasios	P	Thomas Jefferson University	Primate-specific Contributions to the Biological Processes Underlying Autism Spectrum Disorders	\$	888,550.00
Guo, Shengmin	P	Southern University and A & M College (SUBR)	Excellence in Research: Advancing Aluminum/Ceramic Composites with Additive Friction Stir Deposition: Design and Performance Insights	\$	195,000.00
van Boxtel, Willem Sander	P	American Speech-Language-Hearing Association (ASHA)	Predictive Processing in Aphasia: Treatment Implications from Online Eye-Tracking and Memory Interference	\$	10,000.00
Pojman, John Anthony Donnarumma, Fabrizio Weldeghiorghis, Thomas K	P O O	LA Board of Regents (BOR)	Enabling new sample preparation techniques in mass spectrometry and variable-temperature capabilities for nuclear magnetic resonance (NMR)	\$	62,199.00
Haam, Juhee Teruyama, Ryoichi	P P	National Institutes of Health (NIH)	Feasibility studies on postpartum depression model in mouse and in vivo fiber photometry recording from the sexually dimorphic oxytocin receptor neurons	\$	147,088.00
Francis, Joseph Rivera-Laos, Mario E	P C	Indiana University (IU)	MRI-guided Investigation of Acute Reperfused Myocardial Infarction in Uncontrolled Hypertension	\$	1,032,520.00
George, Kevin	P	LA Department of Education (LDOE)	Education Excellence Fund 2024-2025	\$	53,534.00
Lee, Yongcheol Lee, Kisung	P C	National Science Foundation (NSF)	EAGER: NAIRR Pilot: 3D Deep Learning for Digital Twin- based Deactivation & Decommissioning of Legacy Radiological Facilities	\$	300,000.00
Kopp, Gene	P	National Science Foundation (NSF)	Conference: Bayou Arithmetic Research Days	\$	49,890.00
Wu, Hsiao-Chun	P	National Science Foundation (NSF)	Collaborative Research: III: Medium: Explore Eye-Tracking for Biological Prompt Engineering in Generative AI-Assisted Semantic Vision Analysis Adaptive to Various Human Attention	\$	399,084.00
Koppelman, David M Meng, Xiangyu Naraghi-Pour, Morteza Vaidyanathan, Ramachandran	P C C C	LA Board of Regents (BOR)	Equipment Supporting Investigation of Energy-Efficient Accelerated Machine Learning and Research and Instruction in Other Areas of Accelerated Computation	\$	121,000.00

Ghawaly, James Michael Jr	P	LA Board of Regents (BOR)	Secure Computing for LSU's AI & Security Laboratory	\$	126,929.00
Ali-Gombe, Aisha	C				
Baggili, Ibrahim	C				
Richard, Golden G III	C				
Webb, Andrew	C				
Dugas, Tammy Renee	P	US Department of Agriculture (USDA)	2024-2025 USDA 1433	\$	18,337.00
Jois, Seetharama D	P	University of Louisiana at Monroe (ULM)	RNA m6A Methylation at the Mutant CAN Codon and Overexpression of Cancer Genes	\$	589,065.00
Herbert, Robert	P	National Institutes of Health (NIH)	Soft, sensor-embedded, robotic vena cava testbed to evaluate inferior vena cava filters	\$	612,273.00
Hayes, Michael	P	LA Board of Regents (BOR)	A Louisiana Wastewater Mosaic: Fluorescence Characterization of Effluent to Determine Fate of Dissolved Organic Matter in Environmental Systems	\$	130,002.00
Hulteen, Ryan	P	National Institutes of Health (NIH)	Efficacy of a Group-Based Dance Intervention to Reduce Stress and Improve Mental Health Outcomes in Midlife Women	\$	412,500.00
Allaway, Heather	C				
Hadfield, Jaclyn Inel	C				
Wierst, Colin	C				
Noel, Alexandra	P	Oregon Health & Science University (OHSU)	Does the gut microbiome and gut-brain axis contribute to behavioral alterations and cognitive injuries following second-hand smoke exposure in NL-G-F mice and are these effects apoE isoform-dependent?	\$	226,666.00
Jelesijevic, Tomislav	C				
Negro, Michela	P	University of Alabama in Huntsville (UAH)	A data science partnership for Alabama, Mississippi and Louisiana: a workshop on 'systematic errors' and educational, outreach and research activities in three southern EPSCoR jurisdictions	\$	10,000.00
Elgrishi, Noemie	P	LA Board of Regents (BOR)	Molecular sponges for PFAS removal: targeting cost-effectiveness and selectivity	\$	20,000.00
Habibnezhad, Mahmoud	P	National Science Foundation (NSF)	Collaborative Research: CPS: Medium: Invisible Eyes in the Sky: Pioneering Non-Distracting, Multi-UAV Field Safety Monitoring	\$	581,587.00
Faircloth, Brant C	P	University of Maryland, College Park	Comparative genomics resources facilitating anti-tick vaccine strategies	\$	424,322.00
Hooper-Bui, Linda M	P	Gustaf W. McIlhenny Foundation	Seventy years of freshwater diversions: Are Ecosystem Services Ecologically & Economically Viable?	\$	10,000.00
Guo, Shengmin	P	National Science Foundation (NSF)	Additive Friction Stir Deposition Technology Development for Energy Transition	\$	127,544.00
Wood, Jocelyn	P	National Institutes of Health (NIH)	Targeting Tubular Lysosomes to Treat Ageing Dependent Diseases	\$	103,382.00
Johnson, Alyssa	O				
Schreve, Kevin	P	National Science Foundation (NSF)	Homology Growth in Topology and Group Theory	\$	259,253.00
Romagnoli, Jose A	P	Indorama Ventures Oxides, LLC	Computational framework for New Material Discovery with Application to Surfactants	\$	517,470.00
Kumar, Revati	C				
Agullo Rodenas, Ivan	P	John Templeton Foundation	Entanglement from Quantum Field Theory: Proving Hawking-like Phenomena in Rotational Quantum Fluids	\$	144,419.00
Manongsong, Ague Mae	P	University of North Texas	MCA: Towards a Theory of Engineering Identity Development & Persistence of Minoritized Students with Imposter Feelings: A Longitudinal Mixed-methods Study of Developmental Networks	\$	14,631.00

van Heerden, Vanessa N Dilullo, Danielle Grissom, Rachel Hager, Bethany Anne McMillan, Alvera H	P C C C C	US Environmental Protection Agency (EPA)	From Waste to Action: Arts that Speaks	\$	510,760.00
Kargarian Marvasti, Amin Bhattacharya, Arup Bou-Harb, Elias Farasat, Mehdi Mehraeen, Shahab Miller, Paul Saadatian, Salar Weil, Frederick D	P C C C C C C C	LA Board of Regents (BOR)	Resilient Power Systems for a Changing Climate: A Multidisciplinary Laboratory for Energy, Cybersecurity, and Societal Impact Research (R-PSEC Lab)	\$	197,050.00
Lee, Semin Beck, Melissa R Butler, Leslie G Lucas, Heather Vicente, Maria da Graca H Wilson-Kennedy, Zakiya S	P C C C C C	LA Board of Regents (BOR)	Virtual Reality for Education, Workforce, and Citizen Scientists	\$	61,240.00
Patrascu, Flavia-Ioana Bruckner, Muriel	P C	LA Board of Regents (BOR)	SMART [Sustainable Monitoring and Analysis for Resilient Technologies] for Urban Advancements	\$	296,506.00
Wang, Yao Birch, Traci Capra Ribeiro, Fabio M Trindade da Silva, Fabiana	P C C C	Louisiana Tech University (LA Tech)	Empowering Communities with Innovative Solutions to Reduce Pollution, Build Community Resilience, and Improve Public Health	\$	1,300,288.00
Meng, Xiangyu	P	LA Transportation Research Center (LTRC)	Artificial Intelligence and Its Role and Use Within State Departments of Transportation	\$	65,098.00
Uhlig, Vanessa Bardin, Rachel	P C	LA Board of Regents (BOR)	Building a Diverse Workforce in Louisiana through a Competitive Film and Media Production Pipeline	\$	186,093.00
Chen, Yuanhang Almeida, Mauricio Aguiar McLindon, Christopher Santos, Otto Luiz	P C C C	Texas A&M Engineering Experiment Station (TEES)	Standardizing Kick Tolerance Approach for Enhanced Well Control Safety in U.S. Outer Continental Shelf Operations	\$	499,743.01
Costello, Gina Raye Naquin, Elisa	P C	LA Board of Regents (BOR)	Digitizing Louisiana history: Enhancing digitization and access capabilities for LSU and the state.	\$	190,320.00
McPeak, Kevin Michael Bharti, Bhuvnesh Engler, Anthony C Flake, John C Park, Kidong Lendinez, Sergi	P C C C C O	LA Board of Regents (BOR)	Plasma cleaning for device fabrication research and education at Louisiana State University	\$	46,400.00
Hassan, Hany Sun, Mingxuan Zhou, Xiangwei	P C C	LA Transportation Research Center (LTRC)	Artificial Intelligence and Its Role and Use Within State Departments of Transportation	\$	100,000.00
Elseifi, Mostafa A	P	LA Transportation Research Center (LTRC)	Balanced Mix Design - A 1-Year Reality Check on Quality Control Testing and State DOT Adoption	\$	100,000.00
Jamerson, Jason Bruening, Christine	P C	LA Board of Regents (BOR)	Cutting Edge Digital Media Workforce Preparation	\$	200,000.00
Sun, Chao Miller, Paul	P C	Texas A&M Engineering Experiment Station (TEES)	Integrated Models for Predictive Dynamic Wind and Wave Loads on Offshore Wind Turbines	\$	376,870.00
Sun, Chao Miller, Paul Ozdemir, Celalettin	P C C	Texas A&M Engineering Experiment Station (TEES)	A Systematic Framework for Site-specific Metocean Conditions for Resilient Offshore Wind in the Gulf of Mexico	\$	374,983.00
Tyagi, Mayank Chen, Yuanhang Tyagi, Mayank	P C C	Texas A&M Engineering Experiment Station (TEES)	Artificial Intelligence (AI)-based General Framework for Early Kick Detection (EKD) and Well-Control over Life of the Well	\$	499,955.00

Chen, Yuanhang	P	Texas A&M Engineering Experiment Station (TEES)	Standardized Framework for Design and Operation of Managed Pressure Drilling Systems in U.S. OCS Operations	\$	496,980.00
Santos, Otto Luiz	C				
Tyagi, Mayank	C				
Almeida, Mauricio Aguiar	O				
McLindon, Christopher	O				
Restrepo Perez, Luisa F	P	LA Board of Regents (BOR)	Digital Arts & Design Fabrication Network	\$	181,011.00
Barr, Courtney A	C				
Freeman, Conrad Thomas	C				
Parker, Roderick A	C				
Kousoulas, Konstantin G	P	National Institutes of Health (NIH)	Novel Live attenuated vaccines against Herpes Simplex Type 2	\$	412,500.00
Stanfield, Brent	C				
Veggiani, Gianluca	P	National Institutes of Health (NIH)	System-wide modulation of phosphorylation landscapes to enhance CAR-T cell therapy	\$	600,000.00
Huang, Weishan	C				
Voyiadjis, George Z	P	LA Board of Regents (BOR)	Advancing CEE-LSU Research/Education facilities to enhance Sustainability and Resilience of Infrastructure in Coastal Louisiana	\$	903,639.00
Bruckner, Muriel	C				
Hassan, Hany	C				
Kameshwar, Sabarethinam	C				
Okeil, Ayman M	C				
Tyagi, Mayank	P	University of California at Los Angeles	An Artificial Intelligence Driven Risk Approach using diverse data streams with deep uncertainties for detecting imminent and evolving containment failures in offshore environments	\$	100,000.00
Tyagi, Mayank	C				
Wang, Yanyu	P	LA Transportation Research Center (LTRC)	Artificial Intelligence and Its Role and Use Within State Departments of Transportation	\$	98,930.00
Farasat, Mehdi	P	Texas A&M Engineering Experiment Station (TEES)	Ocean wave energy powered wireless charging infrastructure for underwater inspection remotely operated vehicles	\$	325,797.00
Barbalata, Corina	C				
Ozdemir, Celalettin	C				
Murashov, Alexander	P	National Institutes of Health (NIH)	Diet, microRNAs, and transgenerational effects on mitochondrial bioenergetics in normal and Huntington's disease Drosophila	\$	3,019,750.00
Bhattacharya, Arup	P	LA Board of Regents (BOR)	Developing a BIM-integrated uncertainty modeling framework for energy and emission analysis during construction	\$	308,522.00
Jafari, Amirhosein	C				
Stein, Adrian	C				
Zhu, Yimin	C				
Jafari, Amirhosein	P	LA Board of Regents (BOR)	Smart-Adaptive Energy Management [SAEM]: Integrating Centralized and Local Systems in Commercial Buildings for Enhanced Efficiency	\$	349,537.00
Bhattacharya, Arup	C				
Zhu, Yimin	C				
Tam, Ka Ming	P	National Science Foundation (NSF)	Collaborative Research: OAC Core: DISORDER+: A Toolbox for Disordered Interacting Quantum Systems In and Out of Equilibrium	\$	199,989.00
Haber, Louis H	P	Pennsylvania State University	Development of the Light Inducible Gene Regulation (LIGeR) system for Spatiotemporally Controlled Delivery for RNA Therapeutics	\$	593,212.00
Smiley, Kevin	P	RAND Corporation	Climate Change and Mental Health Among Older Adults in the US Gulf Coast	\$	385,907.00
Slack, Timothy A	C				
Kaiser, Hartmut	P	National Science Foundation (NSF)	Collaborative Research: SHF: Medium: UDGRAPH: Unified Distributed Graph Processing using High-Level Generic Algorithm Interfaces	\$	600,000.00
Rastegar Tohid, Mohammad	C				
Waltrich, Paulo	P	Texas A&M Engineering Experiment Station (TEES)	Low-Cost Early-Kick-Detection Method via While-Drilling-Measurement Tools	\$	290,629.00
Wang, Qingyang	P	National Science Foundation (NSF)	Collaborative Research: SHF: Medium: Bridging the Gap: Scalable Regression Testing for High Performance Microservices in the Cloud	\$	400,000.00
Bou-Harb, Elias	P	National Science Foundation (NSF)	I-Corps: Addressing the Insecurities of the EV Critical Infrastructure	\$	50,000.00

Chen, Shengli	P	LA Board of Regents (BOR)	Modelling and prediction of sand production around wellbore in poroelastoplastic rock formations	\$	293,945.00
Chen, Shengli Lin, Hai	P C	LA Board of Regents (BOR)	Development of a novel graphical method for cavity expansion analysis and its applications to geotechnical in situ tests interpretation	\$	243,636.00
Su, Yen Fang	P	LA Board of Regents (BOR)	Smart Sensing System for Real-Time Rheology Monitoring of 3D Printable Cementitious Materials	\$	40,000.00
Calamia, Matthew Ray	P	Washington State University (WSU)	Protecting Older Adults' Cognition in a Warming World: A Multi-Modal Investigation of Heat Induced Cognitive Impairment in Everyday Life	\$	178,320.00
Dance, Michael	P	University of South Florida	Leveraging Citizen Science and Knowledge Co-Production to Address Gaps in Cobia (<i>Rachycentron canadum</i>) Management in the Northern Gulf of Mexico	\$	40,328.00
Upton, Gregory Brian Jr	P	Woodside Energy	Economic Impacts of Woodside Energy	\$	70,000.00
Smith, Jada Thomas Winchester, Elizabeth A	P C	LA Office of the Governor	LYFE 2024-25 Evaluation and Technical Assistance Services	\$	70,794.00
Su, Shang	P	Tulane University	Targeting USP26 to overcome castration resistant prostate cancer	\$	66,975.00
Sun, Chao	P	LA Board of Regents (BOR)	Synergistic Computational Software for Multi-hazard Resilient Offshore Wind Farms	\$	281,164.00
Herbert, Robert Stein, Adrian	P C	LA Board of Regents (BOR)	3D Printing of Soft Materials with Piezoelectric-Based Programming of Microstructures	\$	39,950.00
Sun, Chao	P	LA Board of Regents (BOR)	A holistic AI-informed low-cost structural health monitoring framework for offshore wind turbines	\$	292,111.00
Monroe, William Todd Capron, Daniel Totaro, Nicholas Patrick	P C C	LA Board of Regents (BOR)	Smartective: Smart Safety Platform for Nudging Constructive Restructuring for Industrial Safety	\$	290,926.00
Monroe, William Todd Totaro, Nicholas Patrick	P O	LA Board of Regents (BOR)	Smart Safety Solutions: Biometric Safety Wearables for Data-Driven Industrial Safety	\$	40,000.00
Shepherd, David C	P	LA Board of Regents (BOR)	Using VR to Treat ADHD without Medication	\$	40,000.00
Lee, Yongcheol	P	LA Board of Regents (BOR)	Advanced Neural Radiance Field for Digitalized Deactivation and Decommissioning of Legacy Nuclear Power Plants	\$	216,959.00
Lopez, Mandi J	P	LA Board of Regents (BOR)	DEVICE FOR VIABLE NEOTISSUE AND STEM CELL TRANSPORT AND TREATMENT	\$	40,000.00
Lee, Yongcheol	P	LA Board of Regents (BOR)	Generative AI-driven Design Automation of Infrastructure Systems and Their Resiliency Compliance Assessment	\$	40,000.00
Zhu, Yimin	P	National Science Foundation (NSF)	IRES: A Problem-Based Advanced Studies Institute on Carbon Neutral and Healthy Buildings in Coastal Communities	\$	450,000.00
Van Gemmert, Arend W Joharikhatoonabad, Karim	P C	Battelle Energy Alliance (Idaho National Lab-INL)	Can Noninvasive Brain Stimulation Improve Vigilance in Nuclear Plant Operators	\$	41,000.00
Aly, Aly Mousaad	P	LA Board of Regents (BOR)	Innovative Agrivoltaics: Enhancing Wind and Hail Resilience through Advanced Materials and Manufacturing for Solar Energy and Agricultural Integration in Louisiana	\$	198,756.00
Wu, Hsiao-Chun	P	LA Board of Regents (BOR)	Intelligent Efficient Dynamic Container Arrangement System for Cargo Ports	\$	223,412.00

Rao, Dandina N Saikia, Bikash Deep	P C	National Science Foundation (NSF)	Pilot Test of Vertical-Well Gas-Assisted Gravity Drainage (VW-GAGD) Process in a Depleted Louisiana Oil Field	\$	120,675.00
Wang, Lei	P	LA Board of Regents (BOR)	GIS-hub for elevation certification with low-cost LiDAR on smart devices	\$	39,938.00
Calamia, Matthew Ray	P	Arizona State University (ASU)	Developing a performance-based measure of daily function as an equitable approach to screening Hispanic/Latino older adults for Alzheimer's disease risk	\$	143,920.00
Dey, Joyoni Ham, Kyungmin	P C	National Institutes of Health (NIH)	Super Resolution X-ray Interferometry For Improved Lung Imaging	\$	396,539.00
Khonsari, Michael M	P	Arculus Solutions, Inc	Assessment of coating for mitigation of hydrogen embitterment	\$	399,909.00
Poulaki, Eirini Maria	P	Columbia University	Bridging Geosciences and Art: Engaging the public and inspiring the next generation using scientific ocean drilling's discoveries	\$	40,910.00
Gartia, Manas Ranjan	P	LSU Pennington Biomedical Research Center (PBRC)	Hydrogen Sulfide Signaling in Aging and Alzheimer's Disease	\$	1,614,485.00
Khonsari, Michael M	P	SenseTech, LLC	STTR: Phase I and II: Technology for Real-time Analysis and Condition Evaluation (TRACE)	\$	780,000.00
Bart, Sophie A	P	Columbia University	The Secret Tales Pollen Grains Tell About Our Past Climate: A New Permanent Exhibit	\$	49,970.00
Boudreaux, Jason Jude Maas, Andrew J	P C	Research Park Corporation	NEXUS EDA	\$	270,000.00
Apostolopoulos, Neoklis McInnis, Marley Elizabeth	P C	American College of Veterinary Dermatology (ACVD)	The association between chronic passive lead and cadmium exposure and atopic dermatitis in dogs – a preliminary study.	\$	16,092.00
					\$ 92,148,795.01

Awards Budgeted by SPA

October 2024

Award ID	Principal Investigator Co-PI(s)	Type	Award Name	Agency	New	Continuing	Total
AWD-002782	Scolaro, Bianca Cook, Robert L Dugas, Tammy Renee Khachatryan, Lavrent Lomnicki, Slawomir Noel, Alexandra Penn, Arthur L Reams, Margaret Anne Sprunger, Phillip Williams, Tyrslai M Cormier, Stephania A	A C C C C C C C C C P	LSUAM LSU Superfund Research Center - Environmentally Persistent Free Radicals	NIH-National Institute of Environmental Health Sciences	\$ -	\$ 143,638.00	\$ 143,638.00
AWD-002970	Williams, Tyrslai m Vicente, Maria da Graca	A P	LSUAM Maximizing Access to Research Careers at Louisiana State University	NIH-National Institute of General Medical Sciences (NIGMS)	\$ 7,664.00	\$ 60,137.00	\$ 67,801.00
AWD-002988	Fava, Colleen Helen	P	LSUAM 2020 LaSPACE: Advancing the NASA Mission in Louisiana	NASA-Stennis Space Center	\$ 50,000.00	\$ -	\$ 50,000.00
AWD-002995	Winter, Ty Whitney	P	LSUAM Cooperative Agreement between LSU and US Department of Housing and Urban Development Office of Inspector General for Hotline Services	US Department of Housing & Urban Development - Office of Inspector General (HUD OIG) 02	\$ 406,953.00	\$ -	\$ 406,953.00
AWD-003051	Johannsen, Neil Hondzinski, Jan M	C P	LSUAM Study in Parkinson Disease of Exercise Phase 3 Clinical Trial: SPARX3	Northwestern University	\$ -	\$ 21,760.00	\$ 21,760.00
AWD-003348	Winter, Ty Whitney	P	LSUAM Department of Homeland Security Office of Inspector General (DHS-OIG) Non-Disaster and Disaster Hotline Service	US Department of Homeland Security- Office of Inspector General	\$ -	\$ 604,031.00	\$ 604,031.00
AWD-003567	Twilley, Robert R	P	LSUAM Operation of the National Center for Advanced Manufacturing (NCAM)	Syncom Space Services (S3)	\$ -	\$ 600,000.00	\$ 600,000.00
AWD-003952	Abdalla, Ahmed Christie, Kofi Shomari S Deng, Zhiqiang Lorenzo, Juan M Tsai, Frank Tsung-Chen	C C C C P	LSUAM Louisiana Water Resources Research Institute 104B	US Department of Interior-USGS 03	\$ -	\$ 146,891.00	\$ 146,891.00
AWD-004030	Seibert, Dominique Lively, Julie Ann	C P	LSUAM Extending Our Reach: A multi-state collaborative approach to reef fisheries Extension	Mississippi State University 03	\$ -	\$ 39,031.00	\$ 39,031.00
AWD-004192	Garden, Oliver	P	LSUAM Immune tolerance induction by AAV-FVIII gene therapy for canine hemophilia A with inhibitors	The Children's Hospital of Philadelphia	\$ -	\$ 23,646.00	\$ 23,646.00
AWD-004288	Li, Chunyan Walker, Nan D	P P	LSUAM Satellite Remote Sensing in Support of GCOOS	Texas A&M University 03	\$ -	\$ 124,996.00	\$ 124,996.00

AWD-004291	Moldovan, Dorel Park, Sunggook	C P	LSUAM Biotechnology Resource Center for BioModular Multi-scale Systems (CBM2) for Precision Medicine	University of Kansas Center for Research, Inc. 01	\$	-	\$	79,081.00	\$	79,081.00
AWD-004590	Peak, Laura Balasuriya, Udeni	C P	LSUAM CVM VetLIRN Veterinary Diagnostic Laboratory Program (U18)	US Department of Health & Human Services-Food & Drug Administration	\$	14,800.00	\$	-	\$	14,800.00
AWD-004629	Moe, William M	P	LSUAM Application of Molecular Biological Tools to Assess, Monitor, or Enhance Biodegradation at Sediment Sites	WSP USA Inc.	\$	50,000.00	\$	-	\$	50,000.00
AWD-004653	Justic, Dubravko Mariotti, Giulio Huang, Haosheng	C C P	LSUAM EAR-Climate: Collaborative Research: Methane Dynamics Across Microbe-to-Landscape Scales in Coastal Wetlands	National Science Foundation (NSF)	\$	-	\$	37,382.00	\$	37,382.00
AWD-004815	Bach, Jacqueline Goldgaber, Deborah Reams, Margaret Anne Willson, Clinton S Hooper-Bui, Linda M	C C C C P	LSUAM LSU NAS GRSP (Gulf Renaissance Scholar Program)	National Academy of Sciences	\$	-	\$	142,296.00	\$	142,296.00
AWD-004914	Sears, Stephen O'Reilly Hughes, Richard G	A P	LSUAM Carbon Capture and Underground Storage Shallow Zone Characterization (South Louisiana Site Characterization)	Shell USA Inc.	\$	70,000.00	\$	-	\$	70,000.00
AWD-004916	Justic, Dubravko	P	LSUAM Multi-model hindcasting of 2022-2025, and forecasting of 2023-2026, summer hypoxic conditions on the northern Gulf of Mexico shelf	Mississippi State University 03	\$	31,500.00	\$	-	\$	31,500.00
AWD-005002	Maiti, Kanchan Xue, Zuo	C P	LSUAM Impact of Transient Events on Ecosystem Resistance and Resilience along Western Gulf of Mexico Coast	NASA-Goddard Space Flight Center 03	\$	-	\$	501,558.00	\$	501,558.00
AWD-005022	Spielmann, Guillaume	P	LSUAM Adaptive Randomization of Aerobic Exercise During Chemotherapy in Colon Cancer	Pennington Biomedical Research Center 05	\$	-	\$	79,326.00	\$	79,326.00
AWD-005076	Kameshwar, Sabarethinam	P	LSUAM Risk-based Multi- Threat Decision-support Methodology for Long-term Bridge Asset Management	University of Texas at San Antonio	\$	-	\$	29,564.00	\$	29,564.00
AWD-005154	Armbrust, Kevin Lawrence	P	LSUAM Incorporating Raw Signal Processing and Machine- Learning Techniques for Chemical Fate and Transport Investigations, Chemical Threat Detection and Environmental Forensics	University of Iowa 01	\$	-	\$	74,690.00	\$	74,690.00

AWD-005235	Baldrige, Scott J Bibby, Christin Dasbach, Oliver T Han, Rui Schreve, Kevin Shipman, Stephen P Dani, Pallavi Olafsson, Gestur Vela-Vick, David Shea Zeitlin, Anton M Achar, Pramod N	A A A A A C C C C P	LSUAM RTG: Topology, Representation Theory, and Mathematical Physics at Louisiana State University	National Science Foundation (NSF)	\$ - \$ 233,235.00 \$ 233,235.00
AWD-005406	Ghawaly, James Michael Jr	P	LSUAM CRAFTI: Compact Radiation Detection Array for Tracking and Interdiction	UT-Battelle, LLC 01	\$ - \$ (14,809.00) \$ (14,809.00)
AWD-005456	Winter, Ty Whitney	P	LSUAM Hotline Services for United States Postal Service Office of the Inspector General	United States Postal Service - Office of the Inspector General (USPS - OIG)	\$ - \$ 82,882.00 \$ 82,882.00
AWD-005492	Peak, Laura Balasuriya, Udeni	C P	LSUAM Vet-LIRN Network Capacity-Building Project: Bacterial Whole Genome Sequencing	US Department of Health & Human Services-Food & Drug Administration	\$ 18,751.00 \$ - \$ 18,751.00
AWD-005528	Fortenberry, Brent Russell	P	LSUAM Comprehensive Flood/Risk GIS for NCR Historic Buildings and Landscapes	US Department of Interior-National Park Service 07	\$ 430,786.00 \$ - \$ 430,786.00
AWD-005590	Elseifi, Mostafa A	P	LSUAM Southern Plains Transportation Center (SPTC): Regional UTC	University of Oklahoma 04	\$ 245,648.00 \$ - \$ 245,648.00
AWD-005602	Akintomide, Akinbobola	P	LSUAM West Gulf Coastal Plain Stratigraphic Reconciliation Initiative	Geological Survey of Alabama	\$ 7,500.00 \$ - \$ 7,500.00
AWD-005637	Shepherd, David C	P	LSUAM Development of a Novel Virtual Reality Treatment for Emerging Adults with ADHD	Rutgers, The State University of New Jersey 01	\$ 217,883.00 \$ - \$ 217,883.00
AWD-005658	Kutter, Thomas J	P	LSUAM Deep Underground Neutrino Experiment (DUNE) Vertical Drift	Fermi National Accelerator Laboratory	\$ 92,491.00 \$ - \$ 92,491.00
AWD-005726	Leger, Lonnie	P	LSUAM LONI Operations FY 24-26	LA Board of Regents 01	\$ - \$ 3,202,230.00 \$ 3,202,230.00
AWD-005731	Dance, Michael	P	LSUAM Post-release mortality and movement patterns of Cobia (Rachycentron canadum) in the Gulf of Mexico	Texas A&M University-Corpus Christi	\$ - \$ 34,800.00 \$ 34,800.00
AWD-005801	Tucker, Raymond Hill, Ryan Michael	C P	LSUAM Cultural Consensus Modeling to Identify Culturally Relevant Risk and Protective Factors for Suicide among Sexual Minority Youth	American Foundation for Suicide Prevention (AFSP)	\$ - \$ 15,625.00 \$ 15,625.00
AWD-006026	Chatzopoulos, Emmanouil	P	LSUAM X-ray Emission from Circumstellar Interaction in Superluminous Supernovae (Proposal No. 25500012)	Smithsonian Astrophysical Observatory	\$ - \$ 26,432.00 \$ 26,432.00

AWD-006238	Wang, Hao	P	LSUAM Collaborative Research: CSR: Medium: Enhancing Energy Awareness for Efficient Federated Learning over Mobile AI Systems	National Science Foundation (NSF)	\$	239,172.00	\$	-	\$	239,172.00
AWD-006246	Lin, Hai	P	LSUAM CAREER: Fungal Mycelial Improvement and Mud Dauber-Inspired 3D Printing for Sustainable and Durable Earthen Buildings	National Science Foundation (NSF)	\$	629,050.00	\$	-	\$	629,050.00
AWD-006255	Negro, Michela Burns, Eric	C P	LSUAM The Compton Spectrometer and Imager (COSI)	University of California-Berkeley 01	\$	-	\$	10,224.00	\$	10,224.00
AWD-006351	Schneider, Igor	P	LSUAM Collaborative Research: EDGE CMT: Shared genetic and cellular mechanisms of vertebrate limb and fin regeneration	National Science Foundation (NSF)	\$	1,174,440.00	\$	-	\$	1,174,440.00
AWD-006354	Wang, Hao Baggili, Ibrahim	C P	LSUAM SaTC: CORE: Small: Advancing Model Forensics with Systematic Parsing, Injection Detection, and Model Provenance Attribution	National Science Foundation (NSF)	\$	400,000.00	\$	-	\$	400,000.00
AWD-006357	Bou-Harb, Elias	P	LSUAM Collaborative Research: CISE MSI: RPEP: OAC: Macroscopic and Microscopic Inference and Analysis of Vulnerabilities within EV Charging-Management Systems	National Science Foundation (NSF)	\$	369,998.00	\$	-	\$	369,998.00
AWD-006373	Gilroy, Shawn	P	LSUAM Collaborative Research: Planning: CRISES: Center for Neurodiversity Development and Advancement	National Science Foundation (NSF)	\$	6,774.00	\$	-	\$	6,774.00
AWD-006374	Tsai, Frank Tsung-Chen	P	LSUAM Digitization, harmonization, and development of lithologic database for Mississippi	US Department of Interior-USGS 03	\$	50,000.00	\$	-	\$	50,000.00
AWD-006375	Kartika, Rendy Gregory	P	LSUAM New Synthetic Reactions Involving Epoxonium Ion	National Science Foundation (NSF)	\$	190,000.00	\$	190,000.00	\$	380,000.00
AWD-006377	Drenska, Nadejda	P	LSUAM Machine Learning, Nonlinear PDEs, and Biomedical Applications	National Science Foundation (NSF)	\$	216,296.00	\$	-	\$	216,296.00
AWD-006379	Mayne, Jeffrey S	P	LSUAM FY24 Homeland Security National Training Program (HSNTP)	US Department of Homeland Security-Federal Emergency Management Agency-FEMA 02	\$	20,840,000.00	\$	-	\$	20,840,000.00

AWD-006383	Hinkel, Natalie Rose	P	LSUAM Reviews in Mineralogy and Geochemistry (RiMG) Tropical Workshop: Exoplanets: Compositions, Mineralogy, Evolution	NASA-Goddard Space Flight Center 03	\$	49,996.00	\$	-	\$	49,996.00
AWD-006384	Moncrieff, Andre Eugene	P	LSUAM How do river rearrangements impact Amazonian biodiversity	American Ornithological Society (AOS)	\$	15,000.00	\$	-	\$	15,000.00
AWD-006385	Dance, Michael	P	LSUAM Investigating Scale Bias in Marine Minerals Research	US Department of Interior-BOEM 05	\$	131,502.00	\$	-	\$	131,502.00
AWD-006386	Nahmens, Isabelina Ikuma, Laura H	C P	LSUAM Improving Asthma Outcomes through Low-Cost Interventions in the Home	US Department of Housing & Urban Development - Office of Lead Hazard Control and Healthy Homes 03	\$	984,596.00	\$	-	\$	984,596.00
AWD-006387	Vinyard, David	P	LSUAM Assembly of the Photosystem II Reaction Center	US Department of Energy (DOE)	\$	224,324.00	\$	-	\$	224,324.00
AWD-006388	Bai, Xiaojian	P	LSUAM Neutron Scattering and Quantitative Modeling of Hybridized Quasi-particles in Quantum Magnets	US Department of Energy (DOE)	\$	242,998.00	\$	-	\$	242,998.00
AWD-006390	Dare, Emily Anna	P	LSUAM Engineering is Elementary in Louisiana Schools	Museum of Science, Boston	\$	36,222.00	\$	-	\$	36,222.00
AWD-006393	Long, Anna C	P	LSUAM Evaluation of the K-5 Second Stop Social-Emotional Learning Program & Bully Prevention Unit: Impact on youth violence and school climate among students with and at risk for disability identification	University of Missouri 07	\$	48,875.00	\$	-	\$	48,875.00
AWD-006394	Balibanu, Ana Silvia	P	LSUAM Conference: Poisson 2024 Summer School and Conference	National Science Foundation (NSF)	\$	17,000.00	\$	-	\$	17,000.00
AWD-006395	Ragains, Justin R	P	LSUAM Synthesis and Evaluation of a Bivalent Glycoconjugate Vaccine for Prevention of Infection with Acinetobacter baumannii	NIH-National Institute of Allergy and Infectious Diseases	\$	234,586.00	\$	-	\$	234,586.00
AWD-006396	Noel, Alexandra	P	LSUAM CAREER: Toward Improved Parameterizations of Brown Carbon in Wildland-Fire Emissions	University of Georgia Research Foundation Inc. 02	\$	60,000.00	\$	-	\$	60,000.00
AWD-006399	Blackmon, Bret Long, Anna C Murray, Gwendolyn Thrasher, Shawndaya Rhodes, Judith	C C C C P	LSUAM AWARE II: LA School Behavioral Health Support Program - Infrastructure Development	LA Dept of Education 19	\$	265,347.00	\$	-	\$	265,347.00

AWD-006401	Blackmon, Bret Long, Anna C Terrio, Stacey Renee Rhodes, Judith	C C C P	LSUAM AWARE II: LA School Behavioral Health Support Program - Data Collection and Technical Assistance	LA Dept of Education 19	\$ 268,525.00	\$ -	\$ 268,525.00
AWD-006402	Bethel, Matthew Byron	P	LSUAM A/EEO-6: Promoting Gulf-wide NOAA and Sea Grant partnerships to advance regional priorities	US Department of Commerce-NOAA 05	\$ 71,436.00	\$ -	\$ 71,436.00
AWD-006403	Capron, Daniel Tucker, Raymond Hill, Ryan Michael	C C P	LSUAM Creation of a Youth Suicide Safety Planning Training	LSU Health Sciences Center 14	\$ 62,120.00	\$ -	\$ 62,120.00
AWD-006404	Fava, Colleen Helen Guzik, T Gregory	C P	LSUAM Scientific and Technical Management for the Polymer Composites FY24 R3 Project	LA Board of Regents 19	\$ 10,000.00	\$ -	\$ 10,000.00
AWD-006405	Holstein, Daniel	P	LSUAM Determining the nature and potential impact of the ongoing disease outbreak of Flower Garden Banks National Marine Sanctuary to inform reef management (R/24-HCE-ESFS-1)	University of Texas at Arlington 01	\$ 24,000.00	\$ -	\$ 24,000.00
AWD-006406	Fehrman, Benjamin Joseph	P	LSUAM Fluctuating systems, random environments, and stochastic algorithms	National Science Foundation (NSF)	\$ 293,784.00	\$ -	\$ 293,784.00
AWD-006407	Chambers, Matthew	P	LSUAM Phosphine-Modified Cationic Co (II) Precatalysts for Hydroformylation at Mild Conditions	US Department of Energy (DOE)	\$ 175,000.00	\$ -	\$ 175,000.00
AWD-006408	Burns, Eric	P	LSUAM Conference: Multidisciplinary Science in the Multimessenger Era	National Science Foundation (NSF)	\$ 42,283.00	\$ -	\$ 42,283.00
AWD-006409	Ashburn, Amanda Jane Ghawaly, James M Jr Fortenberry, Brent R	C C P	LSUAM NPS-FY24-WASO- National Center for Preservation Technology and Training: Enhancing Historic Preservation through Partnership to Create Machine Learning Models	US Department of Interior-National Park Service 06	\$ 250,000.00	\$ -	\$ 250,000.00
AWD-006411	Hutchinson, Cory John Schneider, Helmut	C P	LSUAM 2025-2029 Center for Analytics and Research Transportation Safety (CARTS)	LA Dept of Transportation & Development 11	\$ 4,382,154.00	\$ -	\$ 4,382,154.00
AWD-006412	Fava, Colleen Helen Guzik, T Gregory	C P	LSUAM Scientific and Technical Management for the "Colloid Assembly" FY24 Research Project	LA Board of Regents 19	\$ 120,000.00	\$ -	\$ 120,000.00
AWD-006413	Ives, Anson Bradley Upton, Gregory Brian Jr	A P	LSUAM Economic Implications Related to the Buildout of the Offshore Wind Energy Industry Across the United States	Citizens for Responsible Energy Solutions (CRES)	\$ 90,000.00	\$ -	\$ 90,000.00
AWD-006417	Mungai, Jasmine N Liggin, Mariel Elise	C P	LSUAM U.S. Kenya Higher Education Partnership 2024	US Department of State	\$ 177,666.00	\$ -	\$ 177,666.00

AWD-006418	Lipton, Robert P	P	LSUAM Complexity, Nonlocality, and Uncertainty in Heterogeneous Solids	Carnegie Mellon University	\$	95,466.00	\$	-	\$	95,466.00
AWD-006421	Cohen, Alex S	P	LSUAM Developing Data-Driven Clinical Signatures for People Who Experience Hallucinations	University of Washington (UW) 01	\$	61,014.00	\$	-	\$	61,014.00
AWD-006422	Li, Chunyan	P	LSUAM LSU AERONET Sensor Maintenance	Naval Research Laboratory 01	\$	20,000.00	\$	-	\$	20,000.00
AWD-006423	Ashburn, Amanda Jane Fortenberry, Brent R	C P	LSUAM MONO Best House HSR Part III	US Department of Interior-National Park Service 06	\$	25,000.00	\$	-	\$	25,000.00
AWD-006424	Wang, Fahui	P	LSUAM Geographic Variations in Health Care: Overcoming Boas, Expanding Generalizability, and Improving Relevance	Trustees of Dartmouth College	\$	51,752.00	\$	-	\$	51,752.00
AWD-006428	Upadhyay, Kshitiz	P	LSUAM Artificial Intelligence-Based Automated Neural Cell Phenotype Identification	Office of Naval Research 01	\$	156,465.00	\$	-	\$	156,465.00
AWD-006438	George, Kevin Hooper-Bui, Linda M	C P	LSUAM Eva Legard Learning Center	East Baton Rouge Parish School System (EBRPSS) 12	\$	100,000.00	\$	-	\$	100,000.00
AWD-006439	Walimuni Devage, Suniti Kumara	P	LSUAM 23-EARTH23-0347 - Advancing dynamic multi-(hazard-) risk assessment method for a massive refugee camp in Bangladesh	NASA-Goddard Space Flight Center 03	\$	49,992.00	\$	-	\$	49,992.00
AWD-006440	George, Kevin	P	LSUAM Education Excellence Funds 2024-2025	LA Dept of Education	\$	53,534.00	\$	-	\$	53,534.00
AWD-006441	Liu, Kam-Biu	P	LSUAM Collaborative Research: a multi-proxy approach to discrimination of marine and terrestrial sediments in coastal wetlands	National Science Foundation (NSF)	\$	386,805.00	\$	-	\$	386,805.00
AWD-006442	White, John R	P	LSUAM PRP Comprehensive Conservation Management Plan	Royal Engineers & Consultants 001	\$	59,452.00	\$	-	\$	59,452.00
AWD-006443	Avory, Clare Dandreano, Symantha Mooney, Paul	C C P	LSUAM Emergency Preparedness in Postsecondary Transition Program	US Department of Health & Human Services-Administration for Community Living (ACL)	\$	199,966.00	\$	-	\$	199,966.00
AWD-006444	Kuehny, Jeff S	P	LSUAM Crop Physiology and ACCEPTS Courses	University of Arkansas	\$	10,000.00	\$	-	\$	10,000.00
AWD-006445	Fudickar, Robert Ernest Trahan, Gregory George	C P	LSUAM Gulf Louisiana Offshore Wind (GLOW) Propeller: Overarching Narrative	US Department of Commerce-Economic Development Administration (EDA)	\$	447,454.00	\$	-	\$	447,454.00

AWDC-000562	Blackmon, Jeffery C Jr	P	LSUAM Dr. Wayne Newhauser as Chief of Medical Physics at MBPCC	Mary Bird Perkins Cancer Center	\$	-	\$	365,028.00	\$	365,028.00
AWDC-000642	Matthews, Bobby Lynn	P	LSUAM Pre-Assessment Notary Test	Office of the Secretary of State of Louisiana	\$	-	\$	5,940.00	\$	5,940.00
AWDC-001060	Winter, Ty Whitney	P	LSUAM LSU Hotline Call Center	Architect of the Capitol	\$	-	\$	2,936.00	\$	2,936.00
					\$	35,754,020.00	\$	6,862,550.00	\$	42,616,570.00

Comparison of Proposal Data for past 3 years

October 2024

Colleges	Cumulative as of October 2022		Cumulative as of October 2023		Cumulative as of October 2024	
	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested
Academic Affairs	1.60	\$ 67,500.00	4.85	\$ 1,025,781.55	4.25	\$ 786,132
Administrative	0.00	\$ -	3.00	\$ 18,013,000.00	2.00	\$ 18,712,000
Athletics	0.00	\$ -	0.00	\$ -	0.00	\$ -
Centers and Institutes	8.05	\$ 2,221,043.00	9.09	\$ 2,770,953.35	9.43	\$ 3,013,721
College of Agriculture	8.20	\$ 474,121.00	2.60	\$ 914,768.00	6.08	\$ 1,171,015
College of Art and Design	3.66	\$ 702,424.98	3.60	\$ 675,807.55	10.97	\$ 21,231,579
College of Business	4.10	\$ 602,500.00	5.10	\$ 493,168.00	1.47	\$ 7,666,854
College of Engineering	106.00	\$ 37,308,229.29	116.91	\$ 48,749,470.56	118.64	\$ 83,614,816
College of Human Sciences and Education	31.95	\$ 10,071,420.90	36.37	\$ 11,125,177.91	29.60	\$ 7,716,302
College of Humanities and Social Sciences	22.41	\$ 9,191,507.57	24.22	\$ 4,807,349.15	31.79	\$ 10,940,209
College of Music and Dramatic Arts	3.75	\$ 634,158.25	0.40	\$ 21,947.85	1.01	\$ 213,404
College of Science	95.65	\$ 44,614,101.03	87.45	\$ 44,607,584.31	84.36	\$ 37,622,383
College of the Coast and Environment	34.43	\$ 12,566,445.29	22.81	\$ 12,952,169.78	43.20	\$ 67,571,366
Graduate School	3.55	\$ 1,585,048.00	1.99	\$ 1,232,402.40	0.00	\$ -
Honors College	0.00	\$ -	0.00	\$ -	0.00	\$ -
Information Technology Services	1.00	\$ 1,184,544.00	0.00	\$ -	1.00	\$ 3,202,230
Libraries	0.00	\$ -	0.00	\$ -	2.00	\$ 191,620
Louisiana Sea Grant	8.81	\$ 6,234,214.36	20.20	\$ 9,254,735.40	8.30	\$ 2,147,981
Paul M. Hebert Law Center	0.00	\$ -	1.00	\$ 246,310.00	1.00	\$ 178,810
School of Mass Communication	1.59	\$ 3,800,343.33	4.49	\$ 5,363,128.90	2.75	\$ 750,990
School of Veterinary Medicine	38.70	\$ 40,176,151.30	42.26	\$ 31,276,185.47	47.27	\$ 25,155,332
SNCSRT	16.55	\$ 26,418,933.70	13.00	\$ 5,128,862.80	12.00	\$ 24,281,707
VP Engagement, Civil Rights, and Title IX	1.00	\$ 13,000.00	0.00	\$ -	0.00	\$ -
VP Enrollment Management and Student Success	1.00	\$ 401,131.00	0.00	\$ -	8.15	\$ 2,303,925
VP Online and Distance Education	3.00	\$ 280,371.00	3.00	\$ 1,065,615.00	1.00	\$ 580,765
VP Research and Economic Development	5.00	\$ 2,068,969.00	5.66	\$ 3,729,070.00	12.75	\$ 10,542,104
Total as of October	400.00	\$ 200,616,157.00	408.00	\$ 203,453,487.98	439.00	\$ 329,595,245.08
Total of Fiscal Year	1201.00	\$ 639,514,059.02	1357.00	\$ 786,540,174.02		

Report Footnote: Beginning FY25 Center for Computation and Technology and Center for Energy Studies are reported under Centers and Institutes

Comparison of Award Data for past 3 years

October 2024

College	Cumulative as of October 2022			Cumulative as of October 2023			Cumulative as of October 2024		
	October - New (2022)	October - Continuing (2022)	October - Total (2022)	October - New (2023)	October - Continuing (2023)	October - Total (2023)	October - New (2024)	October - Continuing (2024)	October - Total (2024)
Academic Affairs	\$ 1,272,731.00	\$ 16,776.00	\$ 1,289,507.00	\$ 61,500.00	\$ 2,250.00	\$ 63,750.00	\$ 1,776.00	\$ -	\$ 1,776.00
Administrative	\$ -	\$ -	\$ -	\$ 41,000.00	\$ -	\$ 41,000.00	\$ 39,994.00	\$ -	\$ 39,994.00
Athletics	\$ -	\$ -	\$ -						
Centers and Institutes	\$ 307,740.00	\$ 104,190.00	\$ 411,930.00	\$ 255,627.00	\$ 356,635.00	\$ 612,262.00	\$ 874,092.00	\$ 256,667.00	\$ 1,130,759.00
College of Agriculture	\$ 66,580.00	\$ -	\$ 66,580.00	\$ 13,194.00	\$ 52,011.00	\$ 65,205.00	\$ 10,000.00	\$ 2,274,514.00	\$ 2,284,514.00
College of Art and Design	\$ 100,570.00	\$ 200,000.00	\$ 300,570.00	\$ 827,000.00	\$ 200,000.00	\$ 1,027,000.00	\$ 633,286.00	\$ 212,500.00	\$ 845,786.00
College of Business	\$ 672,984.00	\$ 227,694.00	\$ 900,678.00	\$ 186,278.00	\$ 3,999,166.00	\$ 4,185,444.00	\$ 4,404,224.00	\$ 89,010.00	\$ 4,493,234.00
College of Engineering	\$ 7,921,743.00	\$ 4,890,354.00	\$ 12,812,097.00	\$ 4,967,798.00	\$ 4,727,727.00	\$ 9,695,525.00	\$ 23,843,730.00	\$ 6,762,577.00	\$ 30,606,307.00
College of Human Sciences and Education	\$ 4,567,588.00	\$ 1,771,383.00	\$ 6,338,971.00	\$ 1,677,999.00	\$ 2,159,282.00	\$ 3,837,281.00	\$ 2,083,075.00	\$ 4,729,161.00	\$ 6,812,236.00
College of Humanities and Social Sciences	\$ 2,290,278.00	\$ 555,551.00	\$ 2,845,829.00	\$ 1,509,458.00	\$ 2,092,332.00	\$ 3,601,790.00	\$ 2,577,051.00	\$ 1,176,717.00	\$ 3,753,768.00
College of Music and Dramatic Arts	\$ 19,980.00	\$ 25,000.00	\$ 44,980.00	\$ -	\$ 25,000.00	\$ 25,000.00	\$ 62,613.00	\$ 12,500.00	\$ 75,113.00
College of Science	\$ 13,017,125.00	\$ 5,523,493.00	\$ 18,540,618.00	\$ 6,262,132.00	\$ 3,894,029.00	\$ 10,156,161.00	\$ 10,690,028.00	\$ 5,842,161.00	\$ 16,532,189.00
College of the Coast and Environment	\$ 2,240,715.00	\$ 1,375,137.00	\$ 3,615,852.00	\$ 6,815,140.00	\$ 1,946,160.00	\$ 8,761,300.00	\$ 2,447,620.00	\$ 5,442,216.00	\$ 7,889,836.00
Graduate School	\$ 453,423.00	\$ 704,101.00	\$ 1,157,524.00	\$ 130,900.00	\$ 739,363.00	\$ 870,263.00	\$ 18,924.00	\$ 75,041.00	\$ 93,965.00
Honors College	\$ -	\$ -	\$ -						
Information Technology Services	\$ -	\$ 1,184,544.00	\$ 1,184,544.00	\$ 99,663.00	\$ -	\$ 99,663.00	\$ -	\$ 3,202,230.00	\$ 3,202,230.00
Libraries	\$ 36,800.00	\$ -	\$ 36,800.00	\$ 99,663.00	\$ -	\$ 99,663.00	\$ 1,000.00	\$ -	\$ 1,000.00
Louisiana Sea Grant	\$ 435,005.00	\$ 196,877.00	\$ 631,882.00	\$ 658,804.00	\$ -	\$ 658,804.00	\$ 140,501.00	\$ 179,831.00	\$ 320,332.00
Paul M. Hebert Law Center	\$ -	\$ -	\$ -				\$ 237,562.00	\$ -	\$ 237,562.00
School of Mass Communication	\$ 345,067.00	\$ 287,091.00	\$ 632,158.00	\$ 475,000.00	\$ 22,545.00	\$ 497,545.00	\$ -	\$ 1,168,000.00	\$ 1,168,000.00
School of Veterinary Medicine	\$ 3,071,148.00	\$ 1,221,715.00	\$ 4,292,863.00	\$ 1,392,047.00	\$ 1,643,691.00	\$ 3,035,738.00	\$ 4,199,528.00	\$ 1,295,939.00	\$ 5,495,467.00
SNCSRT	\$ 29,076,449.00	\$ 1,726,653.00	\$ 30,803,102.00	\$ 29,166,864.00	\$ 628,718.00	\$ 29,795,582.00	\$ 27,814,321.00	\$ 676,555.00	\$ 28,490,876.00
VP Engagement, Civil Rights, and Title IX	\$ 13,000.00	\$ -	\$ 13,000.00						
VP Enrollment Management and Student Success	\$ -	\$ 73,545.00	\$ 73,545.00	\$ -	\$ 108,655.00	\$ 108,655.00	\$ 5,000.00	\$ 479,042.00	\$ 484,042.00
VP Online and Distance Education	\$ -	\$ 150,000.00	\$ 150,000.00	\$ 319,760.00	\$ 150,000.00	\$ 469,760.00	\$ 146,081.00	\$ 37,500.00	\$ 183,581.00
VP Research and Economic Development	\$ 301,000.00	\$ 865,352.00	\$ 1,166,352.00	\$ 265,468.00	\$ 1,241,426.00	\$ 1,506,894.00	\$ 999,913.00	\$ 630,000.00	\$ 1,629,913.00
Total Count of October	202	118	320	202	126	328	197	124	321
Total Amount of Fiscal Year	\$ 66,209,926.00	\$ 21,099,456.00	\$ 87,309,382.00	\$ 55,225,295.00	\$ 23,988,990.00	\$ 79,214,285.00	\$ 81,230,319.00	\$ 34,542,161.00	\$ 115,772,480.00
Total of Fiscal Year		\$186,651,325.00			\$187,912,095.00				

Report Footnote: Beginning FY25 Center for Computation and Technology and Center for Energy Studies are reported under Centers and Institutes

Comparison of Expenditure Data for past 3 years

October 2024

First Level Cost Center Hierarchy	Oct-2022	FY 2023	Oct-2023	FY 2024	Oct-2024
Academic Affairs	\$ 306,340	\$ 1,644,224	\$ 542,673	\$ 3,584,085	\$ 947,951
Administrative	\$ 24,208	\$ 54,962	\$ 617	\$ 12,999	\$ -
Athletics	\$ -	\$ 9,999	\$ -	\$-	\$ -
Centers and Institutes	\$ 781,599	\$ 10,101,170	\$ 1,117,101	\$ 4,482,117	\$ 1,911,622
Centralized Expenditures	\$ -	\$ -	\$ (13,571)	\$ (13,571)	\$ -
College of Agriculture	\$ 64,933	\$ 117,562	\$ 91,220	\$ 414,083	\$ 129,621
College of Art and Design	\$ 59,197	\$ 211,469	\$ 124,933	\$ 642,402	\$ 206,553
College of Business	\$ 1,903,643	\$ 6,382,060	\$ 2,258,075	\$ 5,940,660	\$ 1,717,917
College of Engineering	\$ 9,622,297	\$ 28,898,296	\$ 10,009,321	\$ 30,871,619	\$ 11,138,067
College of Human Sciences and Education	\$ 2,683,948	\$ 8,156,560	\$ 5,165,902	\$ 10,715,854	\$ 2,735,833
College of Humanities and Social Sciences	\$ 1,212,029	\$ 4,069,357	\$ 1,474,649	\$ 4,505,586	\$ 1,720,128
College of Music and Dramatic Arts	\$ 54,731	\$ 154,699	\$ 769	\$ 43,827	\$ 18,917
College of Science	\$ 8,959,997	\$ 27,219,960	\$ 10,431,618	\$ 28,408,311	\$ 11,106,258
College of the Coast and Environment	\$ 3,679,368	\$ 11,364,829	\$ 4,421,015	\$ 13,863,566	\$ 6,567,994
Graduate School	\$ 342,833	\$ 989,063	\$ 668,146	\$ 1,417,110	\$ 246,299
Honors College	\$ -	\$ 1,529	\$ 590	\$ 590	\$ -
Information Technology Services	\$ 483,031	\$ 1,350,831	\$ 407,759	\$ 3,357,132	\$ 1,097,492
Libraries	\$ 18,494	\$ 69,518	\$ 45,259	\$ 45,943	\$ 1,000
Louisiana Sea Grant	\$ 1,359,187	\$ 4,286,520	\$ 1,470,718	\$ 4,766,479	\$ 1,322,595
Paul M. Hebert Law Center	\$ 49,340	\$ 218,252	\$ 25,906	\$ 174,248	\$ 99,137
SNCSRT	\$ 12,186,797	\$ 37,837,652	\$ 12,797,145	\$ 39,407,569	\$ 12,095,677
School of Mass Communication	\$ 112,057	\$ 282,754	\$ 183,037	\$ 551,800	\$ 528,047
School of Veterinary Medicine	\$ 4,675,491	\$ 16,865,440	\$ 4,335,221	\$ 17,029,465	\$ 4,790,403
VP Engagement, Civil Rights, and Title IX	\$ -	\$ 5,328	\$ -	\$ (328)	\$ 2,448
VP Enrollment Management and Student Success	\$ 297,643	\$ 925,699	\$ 293,159	\$ 847,476	\$ 300,160
VP Online and Distance Education	\$ 171,731	\$ 434,404	\$ 280,142	\$ 1,177,359	\$ 247,990
VP Research and Economic Development	\$ 844,960	\$ 8,420,016	\$ 3,190,987	\$ 9,820,996	\$ 3,354,774
Total	\$ 49,893,854	\$ 170,072,153	\$ 59,322,387	\$ 182,067,377	\$ 62,286,881

Report Footnote: Expenditure numbers are based off of the cost center charged at time the report is generated.

Report Footnote: Beginning FY25 Center for Computation and Technology and Center for Energy Studies are reported under Centers and Institutes