



## Combined Proposal and Award Activity Report

Prepared by Office of Sponsored Programs  
& Sponsored Program Accounting

October 2025

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. 15-21

Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 22-24

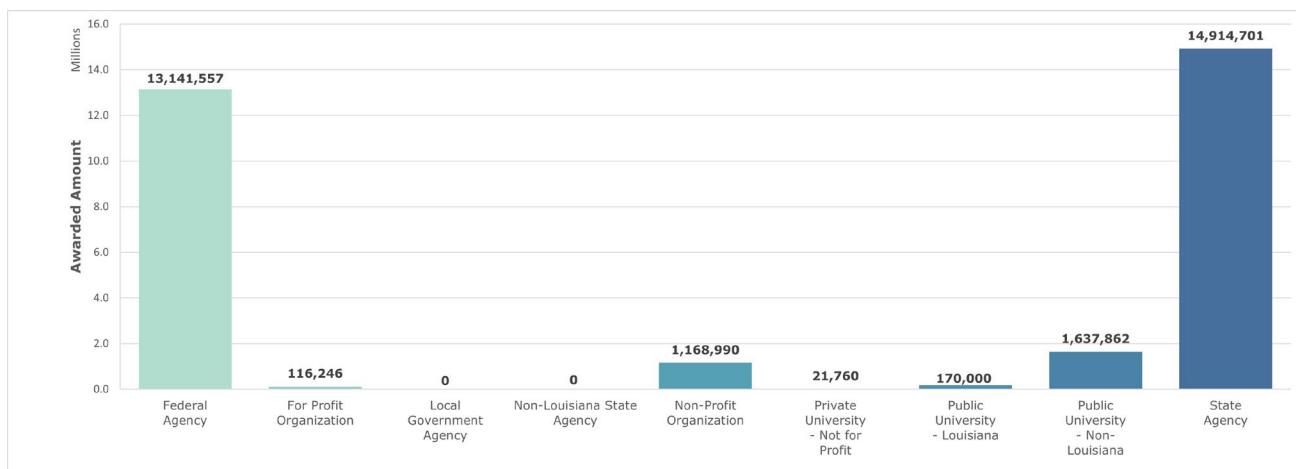
### SUMMARY

October 1, 2025 through October 31, 2025

	October 2025	FY 2026
Proposals Submitted by OSP	189	\$ 94,279,495
Awards Budgeted by SPA	77	\$ 31,171,116
Expenditures	--	\$ 58,306,206

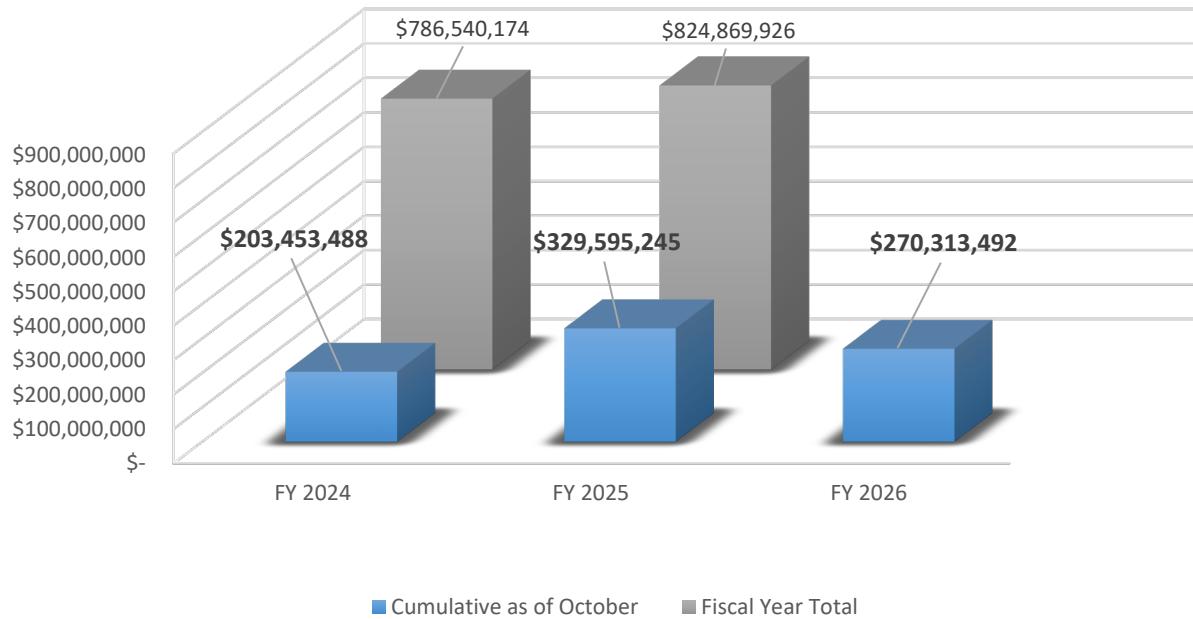
### Awards by Sponsor October 2025

Sponsor Type	Number of Awards	Awarded Amount
Federal Agency	32	\$ 13,141,557
For Profit Organization	3	\$ 116,246
Local Government Agency	0	\$ -
Foreign Sponsor	0	\$ -
Non-Profit Organization	10	\$ 1,168,990
Private University - Not for Profit	1	\$ 21,760
Public University - Louisiana	2	\$ 170,000
Public University - Non-Louisiana	13	\$ 1,637,862
State Agency	16	\$ 14,914,701
<b>TOTAL</b>	<b>77</b>	<b>\$ 31,171,116</b>

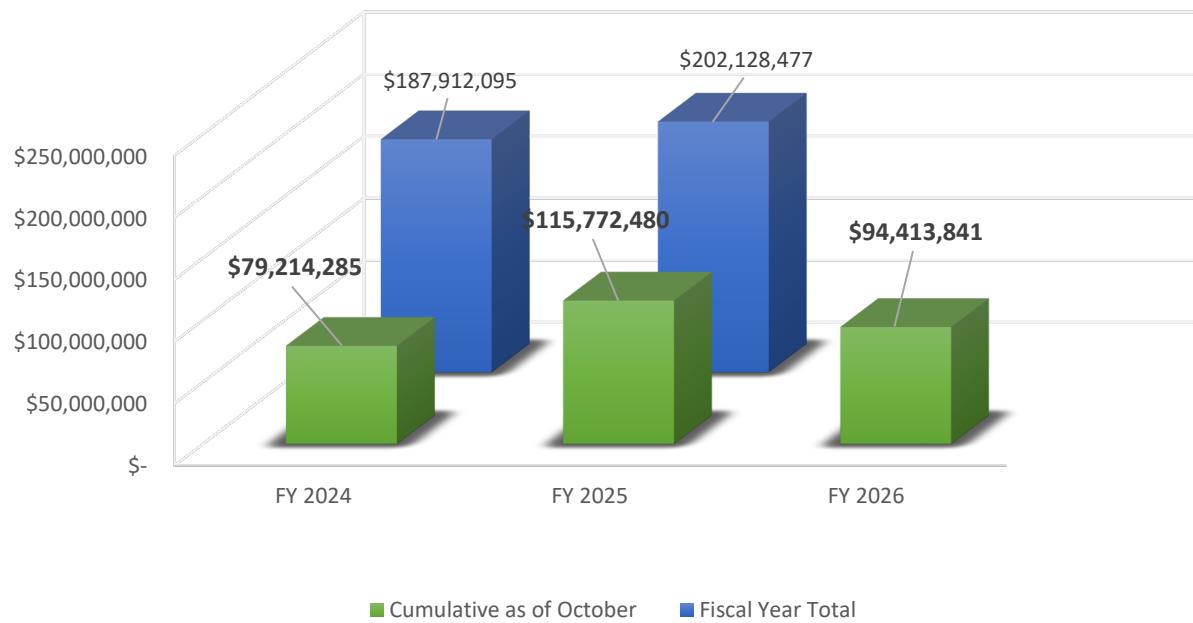


## Comparison of Proposal & Award & Expenditure Data for past 3 years

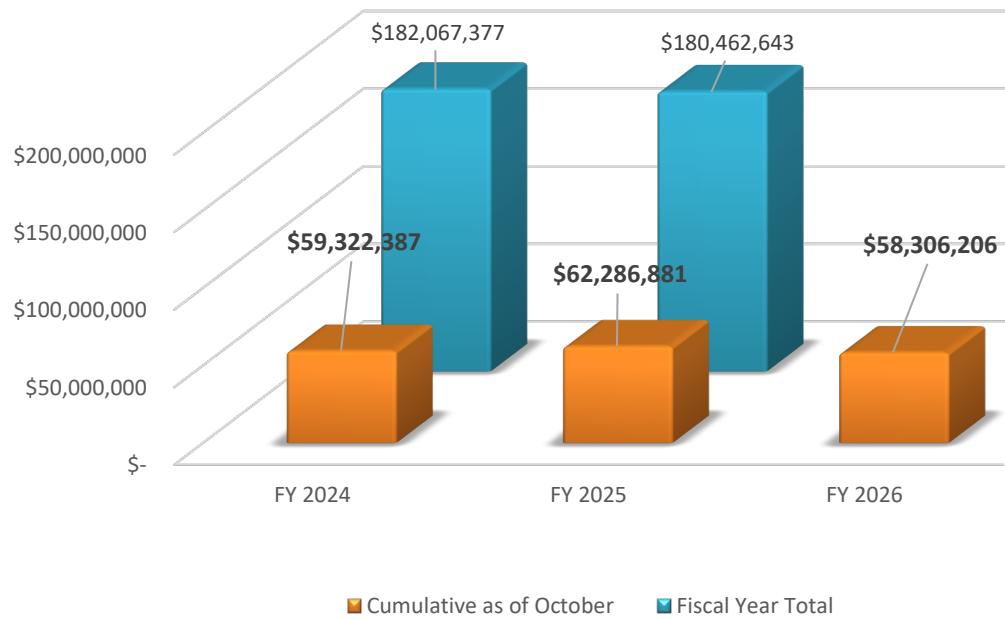
### Comparison of Proposal Data for past 3 years



### Comparison of Award Data for past 3 years



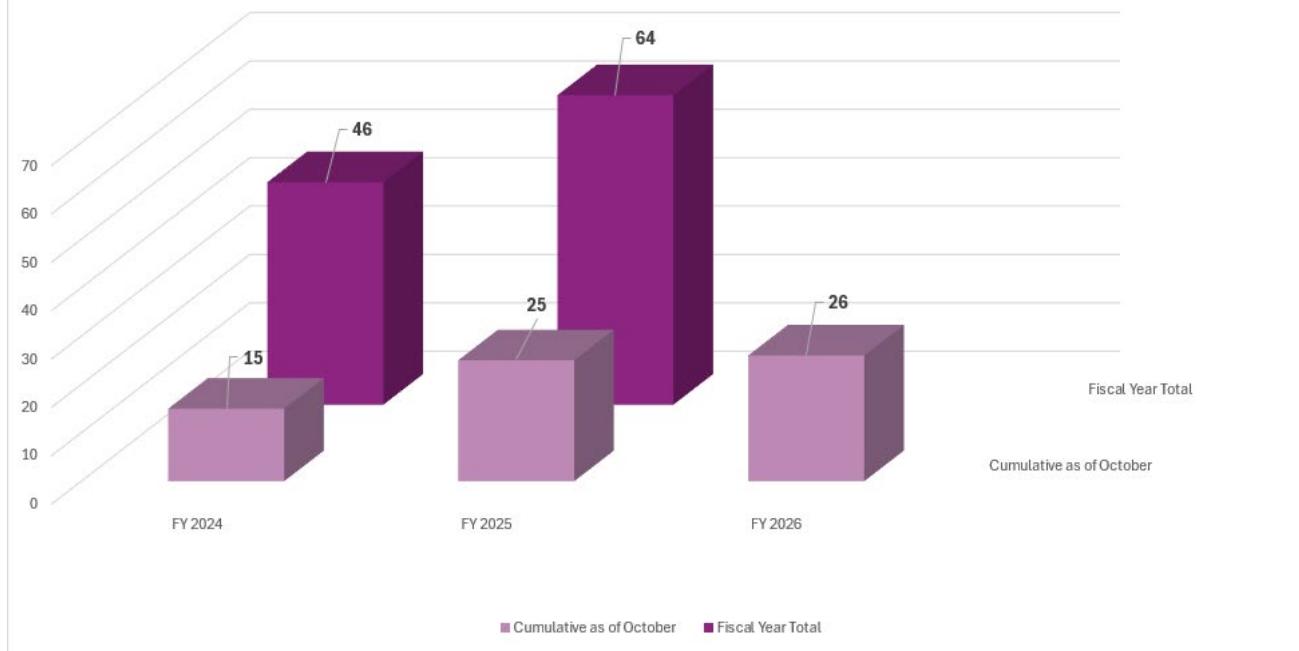
## Comparison of Expenditure Data for past 3 years



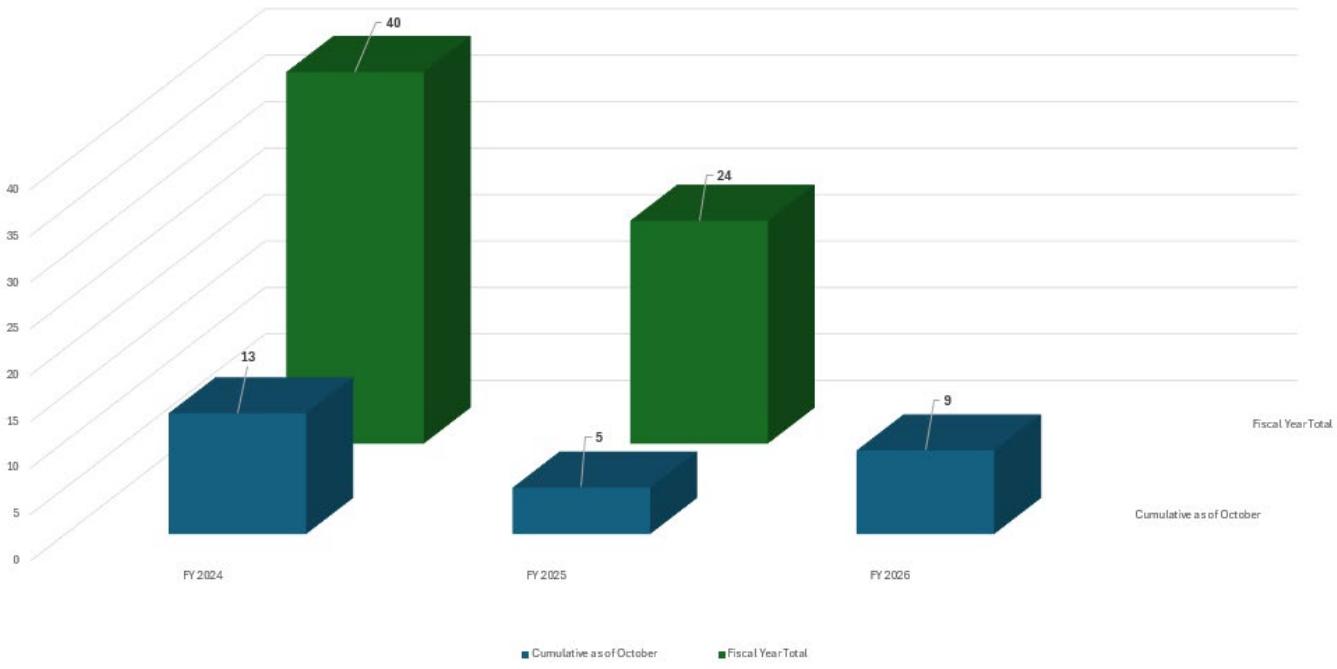
Report Footnotes: Proposal and award numbers are based off of project credit at time the report is generated.  
Expenditure numbers are based off of the cost center charged at time the report is generated.

## Comparison of Invention & Patent & Revenue for past 3 years

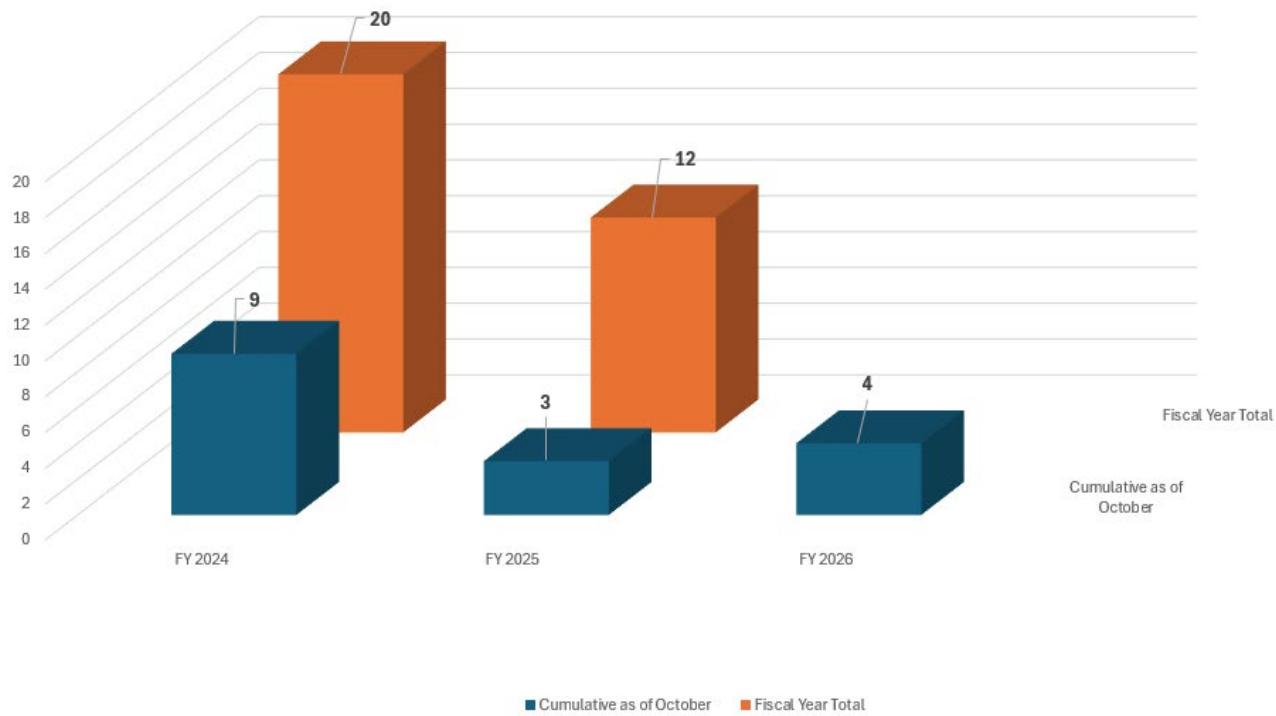
Comparison of Invention Disclosures



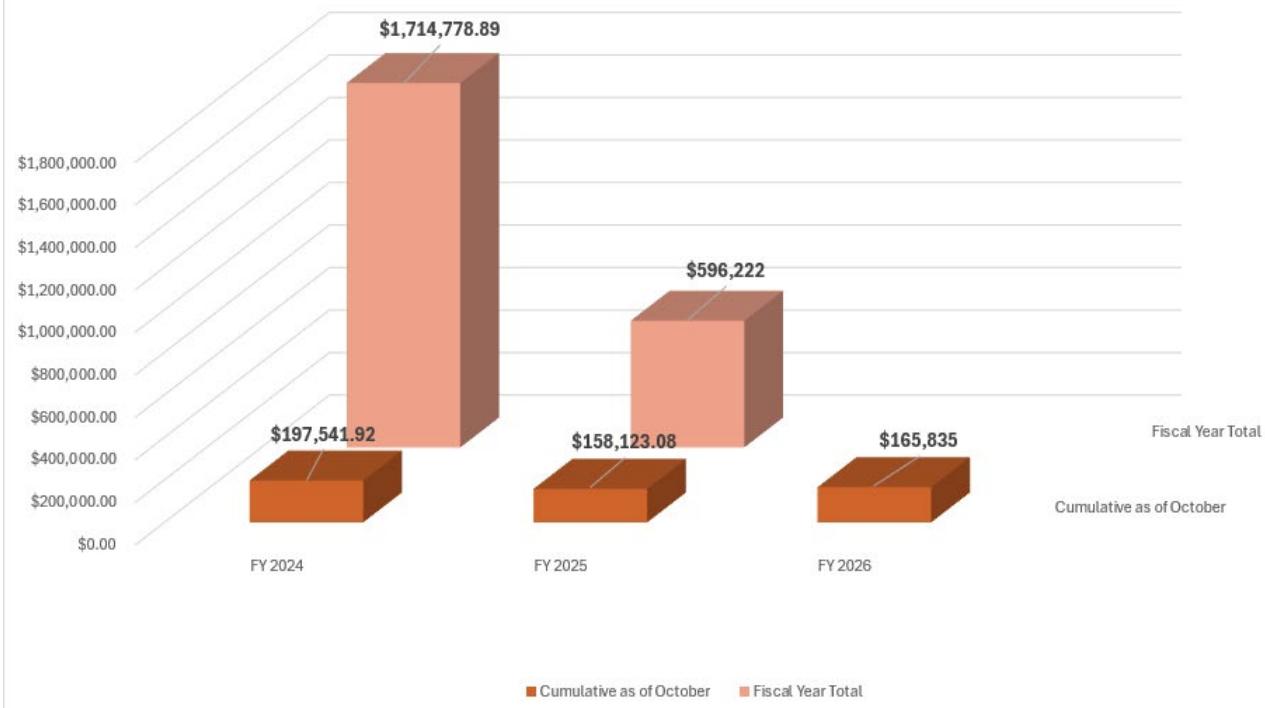
Comparison of Total U.S. Patent Applications



### Comparison of Total US Patents Issued



### Comparisons of Total Revenue for Licensing of Intellectual Property



## Proposals Submitted by OSP

October 2025

<u>Principal Investigator</u> <u>Co-PI(s)</u>	<u>Type</u>	<u>Agency</u>	<u>Title</u>	<u>Amount</u>
Hany Hassan	P	LA Transportation Research Center (LTRC)	Trip Generation for Various Sites	\$ 14,271.00
Gregory Brian Upton	P	LA Department of Energy and Natural Resources (DENR)	Executive Program for State Energy Office for Grid Enhancing Technology	\$ 50,000.00
Tyrlai Menyae Williams	P	National Science Foundation (NSF)	NSF Intergovernmental Personnel Act - Tyrlai Williams-Carter	\$ 1,558.00
Thomas J Kutter	P	Fermi Forward Discovery Group, LLC (Fermi National Accelerator Laboratory)	DUNE Near Detector TMS	\$ 9,600.00
Aimee Moles Hillary Colleen Sinclair	P C	LA Department of Public Safety & Corrections	Pay for Success Initiative	\$ 50,000.00
Michael Steven Mazzola	P	LA Economic Development (LED)	LED LSU NSF FUEL Project	\$ 20,250,000.00
Kenneth L Matthews	P	Refined Imaging, LLC	Evaluation of prototype x-ray interferometer for lung imaging	\$ 19,293.00
Willem Sander van Boxtel	P	LA Board of Regents (BOR)	Towards a cost-effective, interactive treatment for sentence production in aphasia: neurophysiological underpinnings	\$ 96,866.00
Michal Brylinski	P	National Institutes of Health (NIH)	Leveraging graph convolutional networks to elucidate protein-protein interaction disruptions in breast cancer for targeted therapeutic network restoration	\$ 412,500.00
Michal Brylinski Brent Stanfield	P C	National Institutes of Health (NIH)	Graph convolutional network-based prediction of cancer metabolite dysregulation from gene expression profiles for targeted metabolic therapy	\$ 1,858,865.00
Heather Allaway Ryan Hulteen	P P	National Institutes of Health (NIH)	Skilled Movement as a Predictor of Bone Health Across the Menopausal Transition	\$ 3,800,620.00
Neoklis Apostolopoulos	P	American College of Veterinary Dermatology (ACVD)	Developing an artificial Intelligence model diagnosing ear diseases in dogs.	\$ 19,440.00
Judith D Myhand	P	Louisiana State University Agricultural Center	LSU Myhand Farm to School 25-26	\$ 23,571.00
Gregory Brian Upton	P	BKV Corporation	Economic Impacts of High West Sequestration	\$ 15,000.00
Zuo Xue Kehui Xu	P C	LSU Foundation	Geological and Physical Studies to Optimize Wind Farm Site Selections in the State Waters of Cameron Parish of Louisiana	\$ 251,854.00
Yuanhang Chen Opeoluwa Owoyele Christopher McLindon	P C O	LSU Foundation	Machine Learning-driven Framework for Multi-Hazard CO2 Transport Safety	\$ 149,990.00
Hyunsu Oh JeongHyun Lee Royce Choi	P C C	National Institutes of Health (NIH)	Scroll, Watch, Stress: Measuring Adolescent Psychophysiological Reactions to Crime Content in Short-Form Media	\$ 404,732.00
Charles C Lee	P	National Institutes of Health (NIH)	Mitochondrial protonophores in Alzheimer's disease	\$ 412,500.00
Brant Dylan Mitchell	P	Governor's Office of Homeland Security and Emergency (GOHSEP)	GOHSEP Intelligence Coordination Center TO#12	\$ 600,000.00
Adrian Stein	P	LA Board of Regents (BOR)	Enhanced UAV Control through 6-DOF Motion Platform and Virtual Reality	\$ 195,747.00
Mahmood Jasim	P	LA Board of Regents (BOR)	Point, Speak, Investigate: Multimodal Interaction for Early-Stage Exploratory Data Analysis	\$ 74,999.00
Ying Wang Zihong Pang	P C	LSU Foundation	Integrating Economical Non-Lithium Batteries into Buildings for Large-Scale Energy Storage	\$ 124,329.00

Fabio Antonio Borges Vigil	P	National Institutes of Health (NIH)	Reducing K <sup>+</sup> currents through Kv7.4 channels in astrocytes preserves the integrity of the blood-brain barrier after traumatic brain injury.	\$	3,406,729.00
Slawomir Lomnicki	P	LA Board of Regents (BOR)	VOCs emissions from 3D printing devices. Development of assessment method	\$	199,053.00
Joseph Francis Shang Su Tomislav Jelisijevic	P C C	National Institutes of Health (NIH)	Targeting Caveolin-1 in triple-negative breast cancer	\$	3,336,138.00
Christopher Mark Hill Jason Scimeca Julia D Buckner	P C C	National Institutes of Health (NIH)	Cortical dynamics of cognitive-motor integration in anxiety disorders	\$	372,882.00
Alexander Murashov	P	National Institutes of Health (NIH)	Exercise as a Modifier of Brain Mitochondrial Function and Transgenerational Health	\$	3,207,181.00
Elia F Soto Amy Jeanette Mikolajewski Wan-Chun Su	P O O	LA Board of Regents (BOR)	Linking Unique Biomarkers & Neurocognitive Mechanisms among Childhood ADHD and ASD: ERP Evidence of Executive Function	\$	175,096.00
Bijoyaa Mohapatra Reza Ghaiumy Anaraky	P O	LA Board of Regents (BOR)	MINDSET: An AI-Supported Dementia Risk Reduction Program Targeting NMDoH in Older Adults	\$	99,715.00
Michal Brylinski William Doerrler	P C	National Institutes of Health (NIH)	SynerGNet2-ABX: Closing the mutant selection window in precision antibiotic combinations with graph neural networks	\$	1,844,062.00
Edward Albert Benoit Jill C Trepanier	P C	Andrew W. Mellon Foundation	Evaluating Resiliency and Vulnerability of Institutions Most At-Risk of Climate-Change Impacts (informed by the PROTECCT-GLAM project)	\$	200,000.00
Zhihong Pang	P	LA Board of Regents (BOR)	Privacy-Aware Data-Driven Energy Management for Smart and Resilient Communities	\$	177,988.00
Furkan Luleci	P	LA Board of Regents (BOR)	Scalable Sensing of Louisiana Bridges Using an Uncertainty-Informed, Vehicle-Agnostic Indirect Monitoring Methodology	\$	122,000.00
Luiz Felipe Fronchetti Dias	P	LA Board of Regents (BOR)	Learning Robot Programming by Conversation	\$	107,500.00
Shengli Chen	P	LA Board of Regents (BOR)	Physics-informed Deep Learning Method for Predicting Sand Production Around Wellbore in Poroelastoplastic Rock Formations	\$	101,441.00
Kidong Park	P	LA Board of Regents (BOR)	Development of flexible 3-dimensional microelectrode array for electrophysiology	\$	70,250.00
Arup Bhattacharya	P	LA Board of Regents (BOR)	Advanced Modeling of Environmental Control & Life Support for Planetary Surface Exploration (AM-ECLIPSE)	\$	87,521.00
Aakash Bansal	P	LA Board of Regents (BOR)	Towards Explainable GenAI Models for Code	\$	175,656.00
Tasnuva Farheen	P	National Science Foundation (NSF)	Collaborative Research: SaTC 2.0: RES: SENTRY: A framework for Securing Embedded Reconfigurable Fabrics for Trustworthy Systems	\$	236,382.00
Ahmed Mohamed William Beavers William Todd Monroe	P C C	National Institutes of Health (NIH)	Mechanisms of early-life benzo[a]pyrene-induced stress-behavior dysregulation	\$	3,686,477.00
Yu Chen Jennifer Curry	P C	National Science Foundation (NSF)	Navigating Indecision in STEM Pathways: Typology of Undecided Students and the Role of Academic Advisors	\$	1,464,395.00
Kerry M Dooley Roger A Laine	P P	National Institutes of Health (NIH)	Chemical Engineering of an 8-step synthesis of Nootkatone, a potent insect repellent against tick and mosquito vectors.	\$	1,476,696.00
Sewoon Kim	P	LA Board of Regents (BOR)	Sustainable Nanofiber Materials from Upcycled Polymers for Drinking Water Treatment	\$	109,010.00
Yixin An Donghui Zhang	P C	National Science Foundation (NSF)	Collaborative Research: Molecular engineering of biomimetic multiphasic polyelectrolyte coacervates	\$	269,835.00

Xiangyu Meng	P	LA Board of Regents (BOR)	Advanced Formation Control for Multi-Robot Systems Leveraging Multi-Sensor Fusion	\$	69,460.00
Flavia-Ioana Patrascu	P	LA Board of Regents (BOR)	Resilient Traffic by Data-Driven Decisions	\$	94,236.00
Xugui Zhou	P	LA Board of Regents (BOR)	Learning-Enabled Runtime Safety Assurance for Autonomous Driving Systems	\$	78,255.00
Rui Lu	P	National Institutes of Health (NIH)	Genetic dissection of RNAi-independent antiviral immunity in <i>Caenorhabditis elegans</i>	\$	403,760.00
Rui Lu	P	National Institutes of Health (NIH)	Decoding Robust Viral Sensing: Biochemical and Genetic Analysis of DRH-1-Mediated Deprotection of Viral dsRNA	\$	145,144.00
Juhee Haam	P	National Institutes of Health (NIH)	Role of HCN channels in the amyloid beta pathway in the entorhinal cortex	\$	287,716.00
Brandon Shuck	P	National Science Foundation (NSF)	Collaborative Research: Three-Dimensional Seismic Study of a Paleo-Rupture Segmentation Boundary at the Cascadia Subduction Zone, off Oregon	\$	269,220.00
Mahathir Mohammad Bappy	P	University of Alabama	Advancing Precision Agriculture with UAS-Based GNSS-R and Microwave Radiometry for Real-Time Irrigation Prescription Mapping and Decision Support Systems	\$	169,719.00
Senlin Chen Fahui Wang Jessica Stroope	P C C	USDA National Institute of Food and Agriculture (NIFA)	Preventing Childhood Obesity in Louisiana through an Integrated Approach	\$	931,735.00
Pu Duan	P	National Institutes of Health (NIH)	Unraveling Biofilm Matrix Complexity in <i>Escherichia Coli</i> Using Advanced Cellular Solid-State NMR	\$	2,002,500.00
Yoonhwa Jung	P	LA Board of Regents (BOR)	Decomposing and Reverse-Engineering Knowledge in Construction: Addressing Foundational AI Model Gaps in the Architecture, Engineering, and Construction [AEC] Sector	\$	60,278.00
Xun Tang	P	National Institutes of Health (NIH)	Designing Gene Circuits for Applications in Systems Biology with Experimentation, Modeling and Control Theory	\$	2,062,500.00
Ruyi Ding	P	LA Board of Regents (BOR)	AuthLLM: Applicability Authorization to Prevent Misuse of Large Language Models	\$	108,001.00
Debnath Maji	P	LA Board of Regents (BOR)	Multichannel Dielectric Spectroscopy Platform for Targeted Assessment of Sepsis Coagulopathy	\$	162,176.00
Donghui Zhang	P	National Science Foundation (NSF)	Collaborative Research: CDS&E: Data-Driven Multiscale Design of Tunable Peptoid Adsorbents for Selective PFAS Removal from Aquatic Environment	\$	255,721.00
Sydney Moyo	P	LA Board of Regents (BOR)	Unravelling the Effects of Aquatic Subsidies on Terrestrial Consumers	\$	120,097.00
Reza Ghaiumy Anaraky	P	LA Board of Regents (BOR)	AI-Powered Multi-Interface Career Support System for Older Adults in Louisiana	\$	183,668.00
Tingting Hou	P	LA Board of Regents (BOR)	A Unified Statistical Framework for Detecting Spatially Variable Genes in Spatial Transcriptomics	\$	73,499.00
Fang-Ting Tu	P	National Science Foundation (NSF)	The Arithmetic Properties of Modular Forms and Hypergeometric Arithmetic	\$	260,097.00
Chunyan Li	P	Mississippi State University (Miss State)	Mississippi River Survey	\$	10,816.00
Samithamby Jeyaseelan Ky Hoang Tirumalai Rangasamy	P C C	National Institutes of Health (NIH)	Mechanisms of Innate Immunity in Pneumonia-Derived Sepsis	\$	3,704,440.00
Keith George Mills	P	LA Board of Regents (BOR)	Enabling Efficient Machine Learning by Interpretable Objective Optimization for Effective Low-Cost Performance Predictors	\$	146,250.00
Konstantin G Kousoulas Md Mehedi Hasan Ojasvi Dutta	P C C	National Institutes of Health (NIH)	AI-Driven Platform for Discovery and Prioritization of Therapeutic Phytochemicals	\$	412,500.00

Roland W Mitchell Allie Jenkins Boquet Eugene Kennedy Twana Y. Hilton-Pitre	P C C C	LA Department of Education (LDOE)	2026 Louisiana Aspiring Educator Summer Academy	\$	100,000.00
Jangwook Jung	P	National Institutes of Health (NIH)	Restoring Cardiomyocyte Proliferation in Cardiac Injury: A Machine Learning-Assisted Strategy for Engineering Laminin Globular Domains	\$	2,653,588.00
Nina Jiang	P	LA Board of Regents (BOR)	RoadGuard: AI Agent for Road Damage Detection and Repair Guidance	\$	167,890.00
Constantin R. Schrade	P	National Science Foundation (NSF)	Towards Error-Protected Quantum Computing with Many-Body Superconducting Qubits	\$	365,852.00
Farzaneh Oghazian Conrad Thomas Freeman Kristopher Palagi	P C C	American Institute of Architects (AIA)	Circular Timber Futures: Snap-Fit Wood Joints for Regenerative and Adaptive Construction	\$	16,500.00
Qi Cai	P	National Institutes of Health (NIH)	A Wireless Cell Manipulation Strategy for Targeted Dug Delivery	\$	2,062,500.00
Ryan Michael Hill	P	University of North Carolina at Charlotte	Piloting a Sexual and Gender Minority-Specific Suicide Prevention Training Program for Mental Health Providers	\$	14,848.00
Jessica Stroope Latashia Key	P O	LA Board of Regents (BOR)	Swimming Skills and Access to Outdoor Play in Rural Low-Income Louisiana	\$	121,312.00
Sabarethiram Kameshwar	P	LA Board of Regents (BOR)	Vulnerability of Bulk Cryogenic Hydrogen Storage Tanks to Storm Surge and Waves	\$	69,030.00
Brian A Irving Shiyu Li	P C	LA Board of Regents (BOR)	DIALOG-OA: Digital Lifestyle Intervention with GLP-1 Receptor Agonists for Osteoarthritis in Adults with Obesity and Type 2 Diabetes	\$	178,651.00
Emmanouil Chatzopoulos Trang Huynh	P C	Center for SpaceTime and the Quantum	Transient Phenomena in the High-Redshift Universe: Pulsational Pair-Instability Supernovae	\$	199,752.00
Kisung Lee	P	LA Board of Regents (BOR)	Leveraging Large Language Models for Mobility Forecasting During Disasters	\$	71,771.00
Prosper Ngabonziza	P	LA Board of Regents (BOR)	Transparent Perovskite Oxide Heterostructures: Integrated Experimental and Theoretical Materials Design	\$	197,318.00
Yuanhang Chen Jader Barbosa	P O	LA Board of Regents (BOR)	CO2 Mixture Thermophysical Characterization for Multi-Energy Applications - A Preparatory Study	\$	200,000.00
Teresa Veronica Wilson Ginesse Adrienne Listi	P C	Bureau of Justice Assistance (BJA)	Louisiana Cold Case Identification Project: A Comprehensive Statewide Approach to Unidentified Persons	\$	999,504.00
Xavier DeVante Thompson	P	LA Board of Regents (BOR)	ROAR: Recovery Outcomes following ACL Reconstruction	\$	126,894.00
Jian Zhang	P	National Science Foundation (NSF)	MFAI: An Eco-Evolution Framework for Learning Sparse Representations	\$	569,418.00
Jader Barbosa Ipsita Gupta	P C	LA Board of Regents (BOR)	Turning idle wells into clean energy infrastructure: Borehole heat exchanger design for subsurface thermal energy storage	\$	73,705.00
Ahmed Abdalla	P	LA Board of Regents (BOR)	Advancing coastal subsidence monitoring in Louisiana by integrating InSAR and geodetic data	\$	125,716.00
Kanchan Maiti	P	Ruth D. Turner Foundation	Scales of disturbance: a molecular, community and seascape analysis of disease outbreaks in tropical corals	\$	6,500.00
Georgios Veronis Manas Ranjan Gartia	P C	LA Board of Regents (BOR)	Optimized nanophotonic platforms for high-sensitivity orientation imaging of single molecules via second harmonic generation	\$	143,613.00
Noemie Elgrishi	P	LA Board of Regents (BOR)	Targeting enhanced cost-effectiveness and selectivity of molecular sponges for PFAS removal	\$	78,354.00
Victor Garcia-Lopez	P	LA Board of Regents (BOR)	Design, Synthesis, and Antibacterial Evaluation of Mechanically Interlocked Bolaamphiphiles (MIBAs)	\$	183,956.00

Semin Lee	P	LA Board of Regents (BOR)	Development of Synthetic Receptors for Lithium-Ion Separation	\$	56,621.00
Rabi Ann Musah	P	LA Board of Regents (BOR)	Research and Development of Petroleum-like Fuel Using Insect Biorefineries and Circular Economy Principles	\$	200,000.00
Mario E Rivera-Laos Levent Dirikolu Huili Yao	P C O	LA Board of Regents (BOR)	Development of a first-in-class antibiotic with antibiofilm properties	\$	200,000.00
Clifton Lewis Wagner	P	LA Board of Regents (BOR)	Synthesis and Magnetic Characterization of Low-Coordinate Cobalt Dimers of Diazaarenes to Investigate the Interaction of Spin Polarization with High Local Magnetic Anisotropy	\$	51,148.00
Yong-Hwan Lee	P	National Institutes of Health (NIH)	Salmonella-vectored down-regulation of Fructose-2,6-bisphosphate for suppression of tumor proliferation	\$	398,820.00
Maheshi Dassanayake Suniti Kumara Walimuni Devage	P C	US Geological Survey (USGS)	CESU: Control of terrestrial and aquatic invasive plants using genomic insights to efficiently minimize damage to protected environments	\$	488,326.00
Jaclyn Inel Hadfield	P	LA Board of Regents (BOR)	Exercise beliefs and experiences that influence intention to exercise postpartum	\$	96,821.00
Ahana Chakraborty	P	LA Board of Regents (BOR)	Quantum information processing in open bosonic quantum systems	\$	120,000.00
Ethan Anderson	P	National Institutes of Health (NIH)	Accumbal mitochondrial dysregulation and heroin seeking	\$	425,000.00
Wan-Chun Su Jason Jamerson	P C	LA Board of Regents (BOR)	Effects of Realistic vs. Cartoon-Like Social Environment on Neural Activity and Gait Patterns in Children With and Without Autism: A Virtual Reality-Based Neuro-Biomechanical Approach	\$	199,939.00
Cristiano G Moreira	P	LA Board of Regents (BOR)	Signals from the Microbiome: Rewiring Virulence Regulation in Enteric Bacteria	\$	200,000.00
Amin Rafiei	P	LA Board of Regents (BOR)	Waves, Currents, and Vortex-Induced Vibrations (VIV) in Onshore- Offshore CO2 Pipelines: CFD-FSI-Poromechanics of Wave-Structure-Seabed Interaction and Liquefaction Mitigation along Louisiana's Coast	\$	123,694.00
Gene Kopp	P	National Science Foundation (NSF)	Explicit class field theory from quantum modularity, subspace packings, and convolution identities	\$	433,881.00
Aaron Bivins	P	LA Board of Regents (BOR)	Bacterial Adsorption as a Strategic Control Point for Microbially Induced Corrosion in Industrial Systems	\$	183,326.00
Nikolas Henderson Timothy John Rakitan	P P	Louisiana State University Agricultural Center	Residual Wood Fiber Assessment	\$	151,411.00
Frank M Andrews	P	Dechra Veterinary Products	An Efficacy and safety field study of an injectable formulation of Omeprazole (100mg/mL) administered intramuscularly to horses at 4mg/kg, four times at 7-day intervals for the treatment of Equine Glandular Gastric Disease (EGGD)	\$	346,815.00
Hailey A. Parry	P	LA Board of Regents (BOR)	The impact of mitochondria and lipid droplet configuration on mitochondrial energy production in skeletal muscle	\$	189,391.00
Ryoichi Teruyama Evanna L Gleason	P C	LA Board of Regents (BOR)	Sexually Dimorphic Expression of Oxytocin Receptor-Expressing Cells in Mouse Retina	\$	194,686.00
Charlotte Jacobs	P	Strategy Research Foundation	When copilot crashes the team: Epistemic disruption in AI-augmented development.	\$	16,582.00
Maria A Guerrero-Plata Seetharama D Jois	P C	National Institutes of Health (NIH)	Understanding the Role of IFN-omega in the Pediatric Immune Response Against Human Metapneumovirus	\$	400,846.00
Dong Lao	P	LA Board of Regents (BOR)	Inference-Time Scaling and Customization for Robust Machine Vision	\$	172,480.00

Tasnuva Farheen	P	LA Board of Regents (BOR)	Pulse-to-Circuit Security: Characterizing and Mitigating Crosstalk Attacks in Multi-Tenant Superconducting Quantum Hardware	\$	73,926.00
Kidong Park Jangwook Jung	P C	National Institutes of Health (NIH)	Continuous and scalable production and processing of exosomes for effective drug delivery	\$	577,620.00
Shaomian Yao Chin-Chi Liu Mandi J Lopez Shang Su	P C C C	National Institutes of Health (NIH)	Restoring osteogenic potential of human bone marrow stem cells (hBMSCs) by inhibition of Class I PI3K	\$	400,848.00
Sabarethinalam Kameshwar	P	LA Board of Regents (BOR)	Investigation of hurricane wave-driven debris damming at elevated structures- mechanisms, loadings, and uncertainties	\$	10,000.00
Daniel L. Powell	P	LA Board of Regents (BOR)	The repeatability and consequences of population structure collapse in an anthropogenically disturbed environment	\$	168,634.00
Pramod N Achar	P	National Science Foundation (NSF)	Geometric Methods in the Representation Theory of Reductive Groups	\$	373,933.00
Hany Hassan	P	LA Board of Regents (BOR)	Examining Drivers' Behaviors and the need for Roadway Design Changes in Mixed Traffic Environment Including Connected and Autonomous Vehicles	\$	169,729.00
Anurag Mandalika	P	USDA National Institute of Food and Agriculture (NIFA)	Valorization of Sugarcane Factory Molasses into Biofuels and Biomaterials	\$	299,977.00
Olalekan Michael Ogundele	P	LA Board of Regents (BOR)	Thalamocortical underpinnings of Amyloid Beta induced temporal order memory decline	\$	180,000.00
Yimin Zhu Arup Bhattacharya Xugui Zhou	P O O	LA Board of Regents (BOR)	Quantifying Indoor Living Wall Cooling Effects for Enhanced Building Energy Efficiency and Human Well-Being	\$	197,504.00
Aixin Hou	P	LA Board of Regents (BOR)	Exploring the prey range of bacterial predators: fundamental insights into microbial interactions	\$	152,674.00
Kidong Park	P	National Institutes of Health (NIH)	Development of a 2.5D cancer spheroid as a novel in-vitro tumor model	\$	411,161.00
Yong-ha Kim	P	LA Board of Regents (BOR)	Development of an Advanced Mathematical Model to Predict Indoor Radiation Exposure	\$	127,299.00
Marta Missiaggia	P	LA Board of Regents (BOR)	Assessing the radiation-induced secondary breast cancer risk combining microdosimetry,mathematical modeling and artificial intelligence	\$	197,889.00
Adrian Stein	P	National Science Foundation (NSF)	MFAI: Mathematical Interpretability of AI via Shapley-Based Global Sensitivity Analysis	\$	829,185.00
Yanyu Wang	P	LA Board of Regents (BOR)	Unveiling Public Trust in UAV Technology for Enhancing Infrastructure Resilience in Coastal Communities	\$	61,403.00
Mahathir Mohammad Bappy	P	LA Board of Regents (BOR)	Mechanistic Understanding and Physics-Informed Prediction of Fatigue Behavior in Multiscale Metallic Parts Fabricated by Robotic Wire Arc Additive Manufacturing	\$	75,848.00
Yixin An	P	USDA National Institute of Food and Agriculture (NIFA)	Integrating simulations and machine learning to design nanopesticides	\$	298,048.00
Muriel Bruckner Tracy Quirk	P C	LA Board of Regents (BOR)	Assessing Ecohydrodynamic Drivers of Marsh Restoration: linking real-time inundation with vegetation data across habitat transitions in the lower Mississippi River Delta	\$	136,993.00
Adriano Francis Vatta Clare Michelle Scully	P C	Long Island University	Unravelling the genetics of levamisole and ivermectin resistance in ruminant gastrointestinal nematodes to inform mitigation strategies.	\$	37,172.00

Fabio Mendes	P	LA Board of Regents (BOR)	Novel evolutionary models for integrating the genotype and the phenotype in the study of speciation	\$	37,569.00
Andre Ricardo Diniz Pagliarini	P	Carnegie Corporation of New York	Party of Change: Opposition to Military Rule and the Forging of Brazil's Multiparty Democracy, 1979-1999	\$	199,903.00
Corina Barbalata	P	National Institutes of Health (NIH)	Context-Aware Autonomous Localization and Mapping in Endoscopy to Expand Access for Non-Specialists in Nasal Exams	\$	280,280.00
Edward A Laws Samuel David Snow Yong-ha Kim	P C O	LA Board of Regents (BOR)	Effects of thermal discharges on coastal water quality	\$	166,157.00
David Chicoine	P	Curtiss T. and Mary G. Brennan Foundation	Archaeological Excavations at Nsakye, Southeastern Ghana (West Africa)	\$	5,000.00
Juhee Haam Ryoichi Teruyama	P P	National Institutes of Health (NIH)	Somatodendritic Oxytocin and Dopamine Release in the Anteroventral Periventricular Nucleus during the Postpartum Period	\$	396,116.00
Fang-Ting Tu	P	National Security Agency (NSA)	Conference Proposal: BB7 EU/USWorkshop on Automorphic Forms and Related Topics	\$	24,994.00
Aimee Elizabeth Welch-James	P	LA Department of Education (LDOE)	2025-2026 Education Excellence Fund	\$	37,742.00
Mahmoud Habibnezhad	P	LA Board of Regents (BOR)	Augmenting Worker Situational Awareness through an Egocentric Vision-Based Approach	\$	126,721.00
Ramachandra Devireddy	P	National Institutes of Health (NIH)	Mechanics of Freezing in Artificial Tissues	\$	400,670.00
Fabio Antonio Borges Vigil Qi Cai	P P	National Institutes of Health (NIH)	Portable, On-Demand Blood-Brain Barrier Modulation for Localized and Whole-Brain Drug Delivery	\$	577,271.00
Chunyan Li Kehui Xu	P C	Gulf Offshore Research Institute	Repurposing petroleum infrastructure for sustainable energy, food, and critical minerals	\$	1,784,904.00
Peter Doran	P	National Science Foundation (NSF)	Collaborative Research: RAPID: Antarctic Groundwater-Ecosystem Connectivity Across Ice-Ocean-Land Critical Zones	\$	75,000.00
Jian Xu	P	LA Board of Regents (BOR)	An End-to-End Raman Platform for AI-Assisted Cancer Diagnosis	\$	10,000.00
Shengmin Guo	P	Southern University and A & M College (SUBR)	Excellence in Research: Understanding Laser-Assisted Post-Treatment of AFS-D Layers for Marine Applications	\$	180,000.00
Helmut Schneider Cory John Hutchinson Laurene Landry Hutchinson	P C C	LA Department of Public Safety & Corrections	2026 CMV Crash and Hazmat Data Analysis	\$	199,773.00
Matthew Ray Calamia	P	Washington State University (WSU)	Protecting Older Adults' Cognitive Health from Heat-Related Risks: A Multi-Modal investigation	\$	182,038.00
Rebeca De Jesus Crespo	P	Burroughs Wellcome Fund	Climate hazards, shrinking cities, and mosquitoes: connecting blight reduction efforts to pest control in the post-Maria Puerto Rico	\$	45,242.00
Tetsu Ouchi Jimmy Lawrence	P C	National Science Foundation (NSF)	Precision Bottlebrush Polymers with Spatially Programmed Chain Scission via Mechanochemistry	\$	685,379.00
Ahmed Mohamed	P	King Abdulaziz University	Cyano-Risk KSA: A Human and Ecological Risk Assessment Framework for the Proactive Management of Cyanobacterial Blooms in the Kingdom of Saudi Arabia.	\$	142,000.00
Kevin Lawrence Armbrust Laura Marie Basirico	P C	Texas A&M University	Dietary Exposure to Fungicide Residues: Impacts on Human Health via Gut Microbiome Disruption	\$	249,978.00
Bikram Subedi	P	McNeese State University	Developing Benchmark Thermodynamic Data for CO2 Absorption in Innovative Synthesized Ammonium-Based Ionic Liquids	\$	5,000.00

Ahmed Mohamed	P	King Abdulaziz University	Exploring the Impact of Endocrine Disrupting Chemicals on Diabetes: A Machine Learning and Multi-Omics Approach to Biomarker Discovery	\$	142,000.00
Weishan Huang	P	University of Illinois at Urbana-Champaign (UIUC)	Development of Adjuvanting Alpha-Helical Polypeptides for Robust mRNA-Based Cancer Vaccines	\$	327,680.00
Naohiro Kato	P	LA Board of Regents (BOR)	Developing Green Organic Chemistry Experiments for Undergraduate Laboratories: Integrating Microalgae and Sustainable Catalysis	\$	5,000.00
Raymond Tucker	P	University of Wisconsin-Madison	The Role of Social Connection in Suicide Risk among First-Year College Students	\$	131,145.00
Jordan A Dowell	P	Louisiana State University Agricultural Center	Bio-degradable Multifunctional Fibers: A Platform for Controlled Nanodelivery of Agrochemicals	\$	118,498.00
James Michael Ghawaly Jr. Golden G Richard	P C	NextFlex	AI-Enabled Block Validation	\$	164,315.00
Keith George Mills	P	LA Board of Regents (BOR)	Exploring the Limits of Graph Neural Networks in Regression	\$	10,000.00
Adrian Stein	P	LA Board of Regents (BOR)	Building a Laser Lithography Machine for Uncertainty-Aware Precision Motion Control in Chip Manufacturing	\$	10,000.00
Joseph Khoury	P	LA Board of Regents (BOR)	From Foothold to Pivot: Provenance-Aware Lateral Movement Detection	\$	10,000.00
Lisa A Verma	P	LA Workforce Commission	IWTP Performance Contractors 2025 #8	\$	183,037.00
Yen Fang Su	P	LA Board of Regents (BOR)	Two-Phase Newtonian-Rheological Flow Modeling for Underwater 3D Concrete Printing (3DCP)	\$	5,000.00
Jangwook Jung	P	National Institutes of Health (NIH)	Multi-Objective Bayesian Optimization to Improve Scaffold Design	\$	430,710.00
Christopher Kees	P	LA Board of Regents (BOR)	Environmental and Structural Data Assimilation for Digital Reconstruction of Natural Shorelines	\$	5,000.00
Jangwook Jung	P	Baylor College of Medicine (BCM)	Impact of Biomaterial-Controlled Oxygenation on HIF-1a and VEGF Driven Wound Healing	\$	20,000.00
Sabarethiram Kameshwar	P	LA Board of Regents (BOR)	High-Fidelity Multi-Phase Computational Modeling of Wave-Debris-Structure Interaction	\$	5,000.00
Mariano Carossino	P	University of South Carolina	Monogamous deer mice as a model for the integration of the social environment in aging studies	\$	745,263.00
Samuel Berwyn Robison Judith Rhodes Kristina Little Stacey Renee Terrio	P C C C	LA Department of Health (LDH)	Whole Health Louisiana: Monitoring, Evaluation and Quality Improvement	\$	199,910.00
Corina Barbalata	P	Battelle Energy Alliance (Idaho National Lab-INL)	Autonomous Facility Inspection Robot	\$	108,990.00
Deborah Goldgaber	P	Texas A&M University	Adapting to Digitalization: Labor Market Access and Workforce Development in Tech-driven Agricultural Systems	\$	45,141.00
Ipsita Gupta	P	LA Board of Regents (BOR)	Assessing Underground Hydrogen Storage in Gas Reservoirs in Louisiana	\$	10,000.00
Semin Lee	P	National Science Foundation (NSF)	Synthesis of Conjugated Polymers via Ring-Opening Alkyne Metathesis Polymerization of Carbon NanoHoops and Arynes	\$	653,471.00
John R White	P	University of New Orleans Research and Technology Foundation	Assessing Phosphorus Forms in river water and sediments correlated with land use and discharge into the Lake Pontchartrain Estuary: In Support of Harmful Algal Bloom Reductions	\$	348,833.00
Ryan Michael Hill Raymond Tucker	P C	American Foundation for Suicide Prevention (AFSP)	Two Studies to Examine the Viability of Perceived Contribution as a Mechanistic Target for Suicide Prevention	\$	124,962.00

Efthymios Papadopoulos	P	Louisiana Cancer Research Center	The role of computed tomography-derived skeletal muscle characteristics in predicting short- and long-term postoperative outcomes among patients with head and neck cancer: A retrospective cohort study	\$	21,269.00
Karim Joharikhatoonabad	P	University of South Carolina	Core semantic systems of the human brain	\$	397,632.00
Aaron Bivins	P	University of New Orleans Research and Technology Foundation	From the Ditches to the Lakes: Stormwater Runoff's Role in Mobilizing Human Sewage into Lake Pontchartrain Basin Waterways	\$	348,751.00
Elizabeth Robinson Charles Gregory Lutz Mahala Gambill Ralph Sherwood Oglesby Rex Hall Caffey	P C C C C	Mississippi-Alabama Sea Grant Consortium	Louisiana-Florida Aquaculture Academy: Facilitating Aquaculture Careers through Extension Programming	\$	348,954.00
Reza Ghaiumy Anaraky	P	LA Board of Regents (BOR)	Uncovering Hidden Cognitive Costs of Digital Consent: An EEG Study of Older Adults	\$	10,000.00
Bikram Subedi Jonathon Doering	P C	University of New Orleans Research and Technology Foundation	Distribution, Fate, and Ecological Risks of Tire Leaching Contaminants in Lake Pontchartrain Basin Watershed	\$	349,080.00
Jiaqi Tan	P	Louisiana State University Agricultural Center	Microbiome contributions to the establishment of warm-season perennial legumes	\$	410,958.00
Umar Farooq	P	National Science Foundation (NSF)	Collaborative Research: An Explainable AI Environment for Adaptive Learning and Practice of Quantum Computing	\$	364,998.00
Manas Ranjan Gartia	P	Tulane University	Interrogation of the lipidome in young breast cancer	\$	20,000.00
Konstantin G Kousoulas Md Mehedi Hasan Ojasvi Dutta Seetharama D Jois	P C C C	LA Board of Regents (BOR)	Board of Regents INBRE-MATCH 2025-2030	\$	1,148,000.00
Michela Negro	P	University of Oslo	Cosmoglobe SyG	\$	231,806.00
Joseph Francis	P	Indiana University (IU)	MRI-guided Investigation of Acute Reperfused Myocardial Infarction in Uncontrolled Hypertension	\$	1,032,523.00
Joseph Francis	P	Louisiana Cancer Research Center	eIF4A1 as a Central Regulator of Tumor-Stroma Crosstalk and Therapeutic Response in E-Cigarette-Associated Lung Cancer Progression	\$	50,000.00

**\$ 94,279,495.00**

## Awards Budgeted by SPA

October 2025

Award ID	Principal Investigator Co-PI(s)	Type	Award Name	Agency	New	Continuing	Total
AWD-002995	Ty Whitney Winter	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	\$ 424,669.00	\$ -	\$ 424,669.00
AWD-003051	Neil Johannsen Jan M Hondzinski	C P	LSUAM   Study in Parkinson Disease of Exercise Phase 3 Clinical Trial: SPARX3	Northwestern University	\$ -	\$ 21,760.00	\$ 21,760.00
AWD-003372	T Gregory Guzik Douglas James Granger	C P	LSUAM   The High Altitude Student Platform (HASP) for Training the Next Generation of SMD Scientists and Engineers	NASA-Goddard Space Flight Center   03	\$ -	\$ 400,000.00	\$ 400,000.00
AWD-003953	Craig Plaisance	P	LSUAM   Development of an integrated multiscale methodology for simulating electrocatalysis at the metal oxide - electrolyte interface	US Department of Energy (DOE)	\$ -	\$ 178,870.00	\$ 178,870.00
AWD-004100	Stuart Glenn Nolan	P	LSUAM   Focused CoPe: Enabling holistic decision-making for historically underrepresented communities impacted by coastal hazards via building a community digital twin	Texas A&M University-Engineering Experiment Station (TEES)   01	\$ -	\$ 63,252.00	\$ 63,252.00
AWD-004291	Dorel Moldovan Sungook Park	C P	LSUAM   Biotechnology Resource Center for BioModular Multi-scale Systems (CBM2) for Precision Medicine	University of Kansas Center for Research, Inc.   01	\$ -	\$ 93,796.00	\$ 93,796.00
AWD-004304	Sungook Park	P	LSUAM   Biotechnology Resource Center for BioModular Multi-scale Systems (CBM2) for Precision Medicine	University of Kansas Center for Research, Inc.   01	\$ -	\$ 238,927.00	\$ 238,927.00
AWD-005235	Christin Bibby Kevin Schreve Oliver T Dasbach Rui Han Scott J Baldridge Stephen P Shipman Ana Silvia Balibanu David Shea Vela-Vick Gestur Olafsson Pallavi Dani Pramod N Achar	A 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)	\$ -	\$ 230,010.00	\$ 230,010.00
AWD-005456	Ty Whitney Winter	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)	\$ -	\$ 87,027.00	\$ 87,027.00
AWD-005590	Mostafa A Elseifi	P	LSUAM   Southern Plains Transportation Center (SPTC): Regional UTC	University of Oklahoma   04	\$ -	\$ 243,906.00	\$ 243,906.00

AWD-005592	Suniti Kumara W Devage Maheshi Dassanayake	C P	LSUAM   Control of invasive species using genomic insights	US Department of Interior-USGS   04	\$	-	\$	128,015.00	\$	128,015.00
AWD-005610	Peter Doran	P	LSUAM   LTER: MCM6: The Roles of Legacy and Ecological Connectivity in a Polar Desert Ecosystem	University of Colorado at Boulder   01	\$	-	\$	89,735.00	\$	89,735.00
AWD-005731	Michael Dance	P	LSUAM   Post-release mortality and movement patterns of Cobia ( <i>Rachycentron canadum</i> ) in the Gulf of Mexico	Texas A&M University-Corpus Christi	\$	-	\$	35,342.00	\$	35,342.00
AWD-005952	Elias Bou-Harb	P	LSUAM   AI-driven techniques, tools, and analytics for network content, and device forensics	University of Texas at San Antonio	\$	126,619.00	\$	-	\$	126,619.00
AWD-006120	Eric Burns	P	LSUAM   Single Source, MSFC Relativistic Astrophysics Multimessenger Astrophysics Community Tools and Support	NASA-Marshall Space Flight Center	\$	-	\$	100,000.00	\$	100,000.00
AWD-006147	Tabetha Boyajian Matthew Penny	C P	LSUAM   The roman galactic exoplanet survey project infrastructure team	Ohio State University (OSU)   06	\$	-	\$	260,642.00	\$	260,642.00
AWD-006201	Alvera H. McMillan James Gillespie Wilkins Matthew Byron Bethel Melissa Trosclair Daigle Niki LeAnnette Pace Vanessa N van Heerden Danielle Dilullo James Gillespie Wilkins Julie Ann Lively Melissa Trosclair Daigle Rex Hall Caffey Roy E Kron	C C C C C C P P P P P P	LSUAM   Louisiana Sea Grant 2024-2027 Omnibus	US Department of Commerce-NOAA   05	\$	-	\$	1,249,371.00	\$	1,249,371.00
AWD-006255	Michela Negro Eric Burns	C P	LSUAM   The Compton Spectrometer and Imager (COSI)	University of California-Berkeley   01	\$	-	\$	18,731.00	\$	18,731.00
AWD-006385	Michael Dance	P	LSUAM   Investigating Scale Bias in Marine Minerals Research	US Department of Interior-BOEM   05	\$	-	\$	131,641.00	\$	131,641.00
AWD-006399	Anna C Long Bret Blackmon Gwendolyn Murray Shawndaya Thrasher Judith Rhodes	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	Anna C Long Bret Blackmon Stacey Renee Terrio Judith Rhodes	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-006411	Cory John Hutchinson Helmut Schneider	C P	LSUAM   2025-2029 Center for Analytics and Research Transportation Safety (CARTS)	LA Dept of Transportation & Development   11	\$	-	\$	4,496,736.00	\$	4,496,736.00
AWD-006592	Tyrlai Menyae Williams	P	LSUAM   NSF Intergovernmental Personnel Act - Tyrlai Williams-Carter	National Science Foundation (NSF)	\$	1,558.00	\$	-	\$	1,558.00

AWD-006675	Anthony C. Engler	P	LSUAM   Degradable Polymers with Radiation-Tailored Physical Properties	Sandia National Labs (aka NTESS)	\$	-	\$	30,000.00	\$	30,000.00	
AWD-006723	Michael Steven Mazzola	P	LSUAM   2024-2026 LED LSU NSF FUEL Project	LA Dept of Economic Development (LED)   10	\$	-	\$	6,750,000.00	\$	6,750,000.00	
AWD-006903	Matthew Byron Bethel	P	LSUAM   Continuing the Support of Coastal Resilience with Inflation Reduction Act at GCOOS - RA	Texas A&M University   03	\$	-	\$	7,056.00	\$	7,056.00	
AWD-006915	Guillaume Spielmann	P	LSUAM   Adaptive Randomization of Aerobic Exercise During Chemotherapy in Colon Cancer	AdventHealth Orlando	\$	-	\$	77,750.00	\$	77,750.00	
AWD-006993	Michela Negro Eric Burns	C P	LSUAM   Modernizing the InterPlanetary Network	NASA-Goddard Space Flight Center   03	\$	-	\$	539,850.00	\$	539,850.00	
AWD-007000	Omar Magana-Loaiza	P	LSUAM   Robust Multiparticle Quantum Plasmonic Sensing	National Science Foundation (NSF)	\$	363,915.00	\$		-	\$	363,915.00
AWD-007032	Umar Farooq	P	LSUAM   Collaborative Research: SaTC: CORE: Small: Toward Personalized and Trustworthy Mobile App Recommendations via Grounding App Behaviors	National Science Foundation (NSF)	\$	299,994.00	\$		-	\$	299,994.00
AWD-007067	Michael Earl Hellberg	P	LSUAM   Sexually antagonistic selection for tolerance to ocean acidification	National Science Foundation (NSF)	\$	561,853.00	\$		-	\$	561,853.00
AWD-007075	Golden G Richard Bethany Anne Hager Zakiya S Wilson-Kennedy Petra Robinson	A C C P	LSUAM   Robert Noyce Teacher Scholarship Program RESS Project: RESS in Artificial Intelligence and Cybersecurity Education for Middle School Teachers	National Science Foundation (NSF)	\$	559,893.00	\$		-	\$	559,893.00
AWD-007122	Roy Lester Heidelberg Sarah Franzen Deborah Goldgaber	C C P	LSUAM   Community Benefits Planning for Just Energy Transition: Historical Contexts, Emerging Best Practices and Lessons Learned	LSU Foundation	\$	155,224.00	\$		-	\$	155,224.00
AWD-007123	Shengli Chen Celalettin Ozdemir Giulio Mariotti Kory Matthew Konsoer Muriel Bruckner Robert R Twilley Christopher Kees	A C C C C C P	LSUAM   Predicting Requirements and Enabling Ecosystem Design in Coastal Terrain (PREDICT)	US Army Corps of Engineers-ERDC   02	\$	2,089,995.00	\$		-	\$	2,089,995.00
AWD-007125	Mayank Tyagi Richard G Hughes	C P	LSUAM   Multi-factor Analysis of Commingled Production in the Paleogene/Wilcox formation in Deepwater GoA	Texas A&M University-Engineering Experiment Station (TEES)   01	\$	399,856.00	\$		-	\$	399,856.00
AWD-007126	Jeffery C Blackmon Scott T Marley Catherine M Deibel	C C P	LSUAM   Structure and Decay of Rare Isotopes Influencing Stellar Explosions	US Department of Energy (DOE)	\$	1,000,000.00	\$		-	\$	1,000,000.00

AWD-007129	Luiz Felipe Fronchetti Dias	P	LSUAM   TwinSight: A Digital Twin Interface for NASA-Class Robotic Ground Operations	NASA-Stennis Space Center	\$	4,500.00	\$	-	\$	4,500.00
AWD-007130	Carli Alexandra DiLorenzo	P	LSUAM   STI Prevention and Testing (SPT) Grant Program	American College Health Foundation (ACHF)	\$	5,000.00	\$	-	\$	5,000.00
AWD-007131	Aimee Elizabeth Welch-James	P	LSUAM   2025-26 High Dosage Tutoring - ULS	LA Dept of Education	\$	8,531.00	\$	-	\$	8,531.00
AWD-007134	Raymond Tucker	P	LSUAM   Centers of Excellence: A Qualitative Analysis of Suicide Drivers in Racially Diverse Adult Psychiatric Inpatients	University of North Texas   01	\$	10,000.00	\$	-	\$	10,000.00
AWD-007135	Xiaoliang Wan Shuangqing Wei	C P	LSUAM   Collaborative Research: SaTC 2.0: RES: A Privacy-Preserving Framework for Sharing and Learning from Scarce Media Data	National Science Foundation (NSF)	\$	405,918.00	\$	-	\$	405,918.00
AWD-007136	Jiaqi Tan	P	LSUAM   Collaborative Research: Synthetic microbial consortia for organismal resilience and reproducible ecosystem services in changing environments	National Science Foundation (NSF)	\$	232,622.00	\$	-	\$	232,622.00
AWD-007138	Colleen Helen Fava	P	LSUAM   Scientific and Technical Management for the "Composite Structures" FY25 Research Project	LA Board of Regents   19	\$	120,000.00	\$	-	\$	120,000.00
AWD-007139	Shengmin Guo	P	LSUAM   Excellence in Research: Understanding Dissimilar Metal Joints Using Additive Friction Stir Deposition	Southern University   05	\$	150,000.00	\$	-	\$	150,000.00
AWD-007140	Jeanne Marie Donaldson	P	LSUAM   Psychology Externs at Merakey PA 2025-26	Merakey PA	\$	98,748.00	\$	-	\$	98,748.00
AWD-007141	Hongchao Zhang	P	LSUAM   Active Set Methods for Sparse Nonlinear Optimization: Complexity, Convergence, and Implementation	Office of Naval Research   01	\$	20,000.00	\$	-	\$	20,000.00
AWD-007143	Lei Wang	P	LSUAM   Modeling River Sediment Concentration in the NextGEN framework: Integrating Spaceborne Remote Sensing Technologies and Deep-learning Techniques	The University of Alabama	\$	50,000.00	\$	-	\$	50,000.00
AWD-007144	Bhuvnesh Bharti	P	LSUAM   Charge fluctuations at nanoscale solid-liquid interfaces and its coupling to reactivity and emergent collective phenomena	US Department of Energy (DOE)	\$	148,736.00	\$	-	\$	148,736.00
AWD-007145	Bhuvnesh Bharti	P	LSUAM   Pathways to assembly of anisotropic particles in AC electric fields	US Department of Energy (DOE)	\$	229,591.00	\$	-	\$	229,591.00

AWD-007147	Jonathon Doering Kevin Lawrence Armbrust Laura Marie Basirico Bikram Subedi	C C C P	LSUAM   Aquatic Alchemy: Assessing Emerging Chemical Contaminants in Louisiana's Coastal Surface Water and Aquatic Life	US Environmental Protection Agency (EPA)	\$ 749,328.00	\$ -	\$ 749,328.00
AWD-007148	Georgios Veronis Parampreet Singh Ka Ming Tam	C C P	LSUAM   REU Site: Interdisciplinary Research Experience in Computational Sciences	National Science Foundation (NSF)	\$ 464,994.00	\$ -	\$ 464,994.00
AWD-007149	Michela Negro	P	LSUAM   Participation on the Large-Scale Environment of $\gamma$ -Ray BL LACS: A Game Changer to Obtain Redshifts	Smithsonian Astrophysical Observatory	\$ 15,000.00	\$ -	\$ 15,000.00
AWD-007151	Frank M Neubrander Summer Dann	C P	LSUAM   LSU Regional STEM Network Center (LaSTEM) Cooperative Endeavor Agreement (CEA) - 2025-26	LA Board of Regents   15	\$ 302,000.00	\$ -	\$ 302,000.00
AWD-007155	Levent Dirikolu Autumn Lecil Dutelle	C P	LSUAM   A Study to Evaluate the Effectiveness of a New Formulation of Carboplatin Against Squamous Cell Carcinoma in Dogs	Argenta (Alcherabio, LLC d/b/a Argenta)   01	\$ 83,200.00	\$ -	\$ 83,200.00
AWD-007156	Bhuvnesh Bharti	P	LSUAM   Collaborative Research: DMREF: Adaptive and Responsive Magnetic Swarms (ARMS)	National Science Foundation (NSF)	\$ 499,998.00	\$ -	\$ 499,998.00
AWD-007157	Guoqiang Li Genevieve Palardy	C P	LSUAM   Advancing Manufacturing of Sustainable Multi-Material Composite Structures for Space Applications Via Ultrasonic Welding	LA Board of Regents   19	\$ 630,000.00	\$ -	\$ 630,000.00
AWD-007158	Guoqiang Li Genevieve Palardy	C P	LSUAM   Advancing Manufacturing of Sustainable Multi-Material Composite Structures for Space Applications Via Ultrasonic Welding	LA Board of Regents   19	\$ 750,000.00	\$ -	\$ 750,000.00
AWD-007159	Kunlun Ding	P	LSUAM   Controlling tandem catalysis via surface intermediate tunneling	US Department of Energy (DOE)	\$ 198,582.00	\$ -	\$ 198,582.00
AWD-007161	Huangen Ding	P	LSUAM   MitoNEET/CISD1Mediates Diet-relevant Energy Metabolism and Promotes Breast Cancer Development	LSU Health Sciences Center   11	\$ 20,000.00	\$ -	\$ 20,000.00
AWD-007162	Brian F Snyder Linda M Hooper-Bui Margaret Anne Reams Thomas Douthat Traci Birch Zuo Xue James Spencer	C C C C C C P	LSUAM   CCOFFER: Community Co-Financed Flood and Energy Resilience	National Academy of Sciences	\$ 300,000.00	\$ -	\$ 300,000.00
AWD-007164	Elizabeth Atkinson Winchester Kristina Little	C P	LSUAM   Louisiana Zero Suicide Initiative 2.0	LA Dept of Health & Hospitals-Office of Behavioral Health   13	\$ 56,500.00	\$ -	\$ 56,500.00

AWD-007166	Sabarethinem Kameshwar	P	LSUAM   FY2025 Competitive Academic Agreement Program (CAAP)	US Department of Transportation (DOT) - Pipeline and Hazardous Materials Safety Administration (PHMSA)	\$ 229,576.00	\$ -	\$ 229,576.00
AWD-007167	Kathleen Campana	P	LSUAM   Fostering Informal Educators' Capacity to Support Young Children's Computational Thinking through Caregiver Engagement and Education	National Science Foundation (NSF)	\$ 837,170.00	\$ -	\$ 837,170.00
AWD-007169	Ginhyuk Kwon Neil Johannsen	C P	LSUAM   Effect of Shoulder Pads on Thermoregulatory Responses During Exercise in the Heat: A Pilot Study	Legion Protective, SPV, LLC	\$ 3,046.00	\$ -	\$ 3,046.00
AWD-007170	Kehui Xu Zuo Xue	C P	LSUAM   Geological and Physical Studies to Optimize Wind Farm Site Selections in the State Waters of Cameron Parish of Louisiana	LSU Foundation	\$ 249,858.00	\$ -	\$ 249,858.00
AWD-007172	Aimee Elizabeth Welch-James	P	LSUAM   2025-2026 Education Excellence Fund	LA Dept of Education	\$ 37,742.00	\$ -	\$ 37,742.00
AWD-007174	Maryrose Weatherton	P	LSUAM   NSF Rapid Response: Resource use as a mediator of sociodemographic disparities in student success	Spencer Foundation	\$ 11,000.00	\$ -	\$ 11,000.00
AWD-007175	Kanchan Maiti	P	LSUAM   Scales of disturbance: a molecular, community and seascape analysis of disease outbreaks in tropical corals	Ruth D. Turner Foundation	\$ 6,500.00	\$ -	\$ 6,500.00
AWD-007177	Adrian Stein	P	LSUAM   Development of a Liquid Metal 3D Printing Platform	LA Board of Regents   19	\$ 5,000.00	\$ -	\$ 5,000.00
AWD-007178	Adrian Stein	P	LSUAM   Design and Construction of a Fixed-Wing UAV Platform for Intruder Classification	LA Board of Regents   19	\$ 5,000.00	\$ -	\$ 5,000.00
AWD-007179	Jader Barbosa	P	LSUAM   Transforming Legacy Wells into High-Temperature Thermal Batteries for Clean Energy Storage	LA Board of Regents   19	\$ 5,000.00	\$ -	\$ 5,000.00
AWD-007180	Sabarethinem Kameshwar	P	LSUAM   Risk of water contamination due to hurricane-induced failure of above-ground storage tanks in Louisiana's Industrial Corridor	LA Board of Regents   19	\$ 5,000.00	\$ -	\$ 5,000.00
AWD-007181	Zhihong Pang Ying Wang	C P	LSUAM   Integrating Economical Non-lithium Batteries in Buildings for Large-scale Energy Storage	LSU Foundation	\$ 249,910.00	\$ -	\$ 249,910.00

AWD-007182	Brant Dylan Mitchell	P	LSUAM   Intelligence Coordination Center (ICC)	LA Homeland Security & Emergency Preparedness (GOHSEP)   10	\$ 1,200,000.00	\$ -	\$ 1,200,000.00
AWDC-000379	Ty Whitney Winter	P	LSUAM   National Center for Disaster Fraud	US Department of Justice-Criminal Division	\$ -	\$ 610,765.00	\$ 610,765.00
AWDC-000642	Bobby Lynn Matthews	P	LSUAM   Pre-Assessment Notary Test	Office of the Secretary of State of Louisiana	\$ -	\$ 9,320.00	\$ 9,320.00
AWDC-001060	Ty Whitney Winter	P	LSUAM   LSU Hotline Call Center	Architect of the Capitol	\$ -	\$ 3,033.00	\$ 3,033.00
AWDC-001214	Shane Stadler	P	LSUAM   Magnetocaloric and Multifunctional Magnetic Materials	US Department of Energy (DOE)	\$ 160,083.00	\$ -	\$ 160,083.00

**\$ 31,171,116.00**

## Comparison of Proposal Data for past 3 years

October 2025

Colleges	Cumulative as of October 2023		Cumulative as of October 2024		Cumulative as of October 2025	
	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested
Academic Affairs	4.85 \$	1,025,781.55	4.25 \$	786,132.00	2.00 \$	159,248.00
Administrative	3.00 \$	18,013,000.00	2.00 \$	18,712,000.00	1.00 \$	5,398.00
Athletics	0.00 \$	-	0.00 \$	-	0.56 \$	135,685.02
Centers and Institutes	9.09 \$	2,770,953.35	9.43 \$	3,013,720.98	5.55 \$	5,503,261.80
College of Agriculture	2.60 \$	914,768.00	6.08 \$	1,171,015.10	3.00 \$	137,070.00
College of Art and Design	3.60 \$	675,807.55	10.97 \$	21,231,579.07	5.30 \$	706,734.80
College of Business	5.10 \$	493,168.00	1.47 \$	7,666,854.38	8.40 \$	1,343,497.20
College of Engineering	116.91 \$	48,749,470.56	118.64 \$	83,614,816.46	190.14 \$	76,491,843.06
College of Human Sciences and Education	36.37 \$	11,125,177.91	29.60 \$	7,716,301.58	39.93 \$	16,858,501.29
College of Humanities and Social Sciences	24.22 \$	4,807,349.15	31.79 \$	10,940,208.78	40.27 \$	11,758,674.47
College of Music and Dramatic Arts	0.40 \$	21,947.85	1.01 \$	213,404.17	0.00 \$	-
College of Science	87.45 \$	44,607,584.31	84.36 \$	37,622,383.00	104.23 \$	39,701,795.90
College of the Coast and Environment	22.81 \$	12,952,169.78	43.20 \$	67,571,365.73	36.35 \$	8,294,207.54
Graduate School	1.99 \$	1,232,402.40	0.00 \$	-	2.05 \$	382,619.90
Honors College	0.00 \$	-	0.00 \$	-	0.00 \$	-
Information Technology Services	0.00 \$	-	1.00 \$	3,202,230.00	1.00 \$	3,157,634.00
Libraries	0.00 \$	-	2.00 \$	191,620.00	0.00 \$	-
Louisiana Sea Grant	20.20 \$	9,254,735.40	8.30 \$	2,147,980.85	3.00 \$	800,076.00
Paul M. Hebert Law Center	1.00 \$	246,310.00	1.00 \$	178,810.00	1.00 \$	196,806.00
School of Mass Communication	4.49 \$	5,363,128.90	2.75 \$	750,990.00	3.71 \$	551,932.82
School of Veterinary Medicine	42.26 \$	31,276,185.47	47.27 \$	25,155,332.38	64.52 \$	52,021,238.21
Stephenson Security Programs Institute	13.00 \$	5,128,862.80	12.00 \$	24,281,707.00	20.00 \$	29,792,126.00
VP Engagement, Civil Rights, and Title IX	0.00 \$	-	0.00 \$	-	0.00 \$	-
VP Enrollment Management and Student Success	0.00 \$	-	8.15 \$	2,303,924.60	1.00 \$	15,000.00
VP Online and Distance Education	3.00 \$	1,065,615.00	1.00 \$	580,765.00	2.00 \$	234,928.00
VP Research and Economic Development	5.66 \$	3,729,070.00	12.75 \$	10,542,104.00	2.00 \$	22,065,214.00
<b>Total as of October</b>	<b>408.00</b>	<b>\$203,453,488</b>	<b>439.00</b>	<b>\$329,595,245</b>	<b>537.00</b>	<b>\$270,313,492</b>
<b>Total of Fiscal Year</b>	<b>1357.00</b>	<b>\$786,540,174</b>	<b>1309.00</b>	<b>\$824,869,926</b>		

Report Footnote: Beginning FY26 SNCsRT changed to Stephenson Security Programs Institute

## Comparison of Award Data for past 3 years

October 2025

College	Cumulative as of October 2023			Cumulative as of October 2024			Cumulative as of October 2025		
	October - New (2023)	October - Continuing (2023)	October - Total (2023)	October - New (2024)	October - Continuing (2024)	October - Total (2024)	October - New (2025)	October - Continuing (2025)	October - Total (2025)
Academic Affairs	\$ 61,500.00	\$ 2,250.00	\$ 63,750.00	\$ 1,776.00	\$ -	\$ 1,776.00	\$ 159,248.00	\$ -	\$ 159,248.00
Administrative	\$ 41,000.00	\$ -	\$ 41,000.00	\$ 39,994.00	\$ -	\$ 39,994.00	\$ -	\$ 39,994.00	\$ 39,994.00
Athletics	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 168,884.00	\$ -	\$ 168,884.00
Centers and Institutes	\$ 255,627.00	\$ 356,635.00	\$ 612,262.00	\$ 874,092.00	\$ 256,667.00	\$ 1,130,759.00	\$ 1,252,963.00	\$ 464,501.00	\$ 1,717,464.00
College of Agriculture	\$ 13,194.00	\$ 52,011.00	\$ 65,205.00	\$ 10,000.00	\$ 2,274,514.00	\$ 2,284,514.00	\$ 353,089.00	\$ -	\$ 353,089.00
College of Art and Design	\$ 827,000.00	\$ 200,000.00	\$ 1,027,000.00	\$ 633,286.00	\$ 212,500.00	\$ 845,786.00	\$ 779,284.00	\$ 444,482.00	\$ 1,223,766.00
College of Business	\$ 186,278.00	\$ 3,999,166.00	\$ 4,185,444.00	\$ 4,404,224.00	\$ 89,010.00	\$ 4,493,234.00	\$ 300,637.00	\$ 5,521,862.00	\$ 5,822,499.00
College of Engineering	\$ 4,967,798.00	\$ 4,727,727.00	\$ 9,695,525.00	\$ 23,843,730.00	\$ 6,762,577.00	\$ 30,606,307.00	\$ 12,215,365.00	\$ 3,210,313.00	\$ 15,425,678.00
College of Human Sciences and Education	\$ 1,677,999.00	\$ 2,159,282.00	\$ 3,837,281.00	\$ 2,083,075.00	\$ 4,729,161.00	\$ 6,812,236.00	\$ 2,373,965.00	\$ 2,767,821.00	\$ 5,141,786.00
College of Humanities and Social Sciences	\$ 1,509,458.00	\$ 2,092,332.00	\$ 3,601,790.00	\$ 2,577,051.00	\$ 1,176,717.00	\$ 3,753,768.00	\$ 1,910,317.00	\$ 1,753,815.00	\$ 3,664,132.00
College of Music and Dramatic Arts	\$ -	\$ 25,000.00	\$ 25,000.00	\$ 62,613.00	\$ 12,500.00	\$ 75,113.00	\$ 9,996.00	\$ 12,500.00	\$ 22,496.00
College of Science	\$ 6,262,132.00	\$ 3,894,029.00	\$ 10,156,161.00	\$ 10,690,028.00	\$ 5,842,161.00	\$ 16,532,189.00	\$ 12,080,467.00	\$ 10,758,998.00	\$ 22,839,465.00
College of the Coast and Environment	\$ 6,815,140.00	\$ 1,946,160.00	\$ 8,761,300.00	\$ 2,447,620.00	\$ 5,442,216.00	\$ 7,889,836.00	\$ 4,469,445.00	\$ 2,597,448.00	\$ 7,066,893.00
Graduate School	\$ 130,900.00	\$ 739,363.00	\$ 870,263.00	\$ 18,924.00	\$ 75,041.00	\$ 93,965.00	\$ 31,578.00	\$ 171,053.00	\$ 202,631.00
Honors College	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Information Technology Services	\$ 99,663.00	\$ -	\$ 99,663.00	\$ -	\$ 3,202,230.00	\$ 3,202,230.00	\$ -	\$ 3,157,634.00	\$ 3,157,634.00
Libraries	\$ 99,663.00	\$ -	\$ 99,663.00	\$ 1,000.00	\$ -	\$ 1,000.00	\$ -	\$ -	\$ -
Louisiana Sea Grant	\$ 658,804.00	\$ -	\$ 658,804.00	\$ 140,501.00	\$ 179,831.00	\$ 320,332.00	\$ 127,800.00	\$ 1,265,427.00	\$ 1,393,227.00
Paul M. Hebert Law Center	\$ -	\$ -	\$ -	\$ 237,562.00	\$ -	\$ 237,562.00	\$ -	\$ 31,003.00	\$ 31,003.00
School of Mass Communication	\$ 475,000.00	\$ 22,545.00	\$ 497,545.00	\$ -	\$ 1,168,000.00	\$ 1,168,000.00	\$ 92,785.00	\$ -	\$ 92,785.00
School of Veterinary Medicine	\$ 1,392,047.00	\$ 1,643,691.00	\$ 3,035,738.00	\$ 4,199,528.00	\$ 1,295,939.00	\$ 5,495,467.00	\$ 5,581,220.00	\$ 3,088,675.00	\$ 8,669,895.00
Stephenson Security Programs Institute	\$ 29,166,864.00	\$ 628,718.00	\$ 29,795,582.00	\$ 27,814,321.00	\$ 676,555.00	\$ 28,490,876.00	\$ 2,512,127.00	\$ 5,733,918.00	\$ 8,246,045.00
VP Engagement, Civil Rights, and Title IX	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
VP Enrollment Management and Student Success	\$ -	\$ 108,655.00	\$ 108,655.00	\$ 5,000.00	\$ 479,042.00	\$ 484,042.00	\$ 432,176.00	\$ 12,840.00	\$ 445,016.00
VP Online and Distance Education	\$ 319,760.00	\$ 150,000.00	\$ 469,760.00	\$ 146,081.00	\$ 37,500.00	\$ 183,581.00	\$ 156,842.00	\$ 125,000.00	\$ 281,842.00
VP Research and Economic Development	\$ 265,468.00	\$ 1,241,426.00	\$ 1,506,894.00	\$ 999,913.00	\$ 630,000.00	\$ 1,629,913.00	\$ -	\$ 8,248,369.00	\$ 8,248,369.00
Total Count of October	202	126	328	197	124	321	182	155	337
Total Amount of Fiscal Year	\$ 55,225,295.00	\$ 23,988,990.00	\$ 79,214,285.00	\$ 81,230,319.00	\$ 34,542,161.00	\$ 115,772,480.00	\$ 45,008,370.00	\$ 49,405,808.00	\$ 94,413,841.00
Total of Fiscal Year	\$187,912,095.00			\$202,128,477.00					

Report Footnote: Beginning FY26 SNCRT changed to Stephenson Security Programs Institute

## Comparison of Expenditure Data for past 3 years

October 2025

First Level Cost Center Hierarchy	Oct-2023	FY 2024	Oct-2024	FY 2025	Oct-2025
Academic Affairs	\$ 542,673	\$ 3,584,085	\$ 947,951	\$ 3,280,378	\$ 1,012,339
Administrative	\$ 617	\$ 12,999	\$ -	\$ 62,299	\$ 44,686
Athletics	\$ -	\$ -	\$ -	\$ 37,272	\$ 21,375
Centers and Institutes	\$ 1,117,101	\$ 4,482,117	\$ 1,911,622	\$ 5,387,840	\$ 1,061,284
Centralized Expenditures	\$ (13,571)	\$ (13,571)	\$ -	\$ -	\$ -
College of Agriculture	\$ 91,220	\$ 414,083	\$ 129,621	\$ 234,312	\$ 117,292
College of Art and Design	\$ 124,933	\$ 642,402	\$ 206,553	\$ 822,086	\$ 283,995
College of Business	\$ 2,258,075	\$ 5,940,660	\$ 1,717,917	\$ 5,315,289	\$ 1,869,266
College of Engineering	\$ 10,009,321	\$ 30,871,619	\$ 11,138,067	\$ 33,606,733	\$ 11,664,085
College of Human Sciences and Education	\$ 5,165,902	\$ 10,715,854	\$ 2,735,833	\$ 7,596,981	\$ 1,866,627
College of Humanities and Social Sciences	\$ 1,474,649	\$ 4,505,586	\$ 1,720,128	\$ 5,520,795	\$ 1,763,301
College of Music and Dramatic Arts	\$ 769	\$ 43,827	\$ 18,917	\$ 100,683	\$ -
College of Science	\$ 10,431,618	\$ 28,408,311	\$ 11,106,258	\$ 30,744,308	\$ 10,774,436
College of the Coast and Environment	\$ 4,421,015	\$ 13,863,566	\$ 6,567,994	\$ 16,371,229	\$ 5,923,705
Graduate School	\$ 668,146	\$ 1,417,110	\$ 246,299	\$ 966,569	\$ 158,059
Honors College	\$ 590	\$ 590	\$ -	\$ -	\$ -
Information Technology Services	\$ 407,759	\$ 3,357,132	\$ 1,097,492	\$ 3,264,643	\$ 1,012,552
Libraries	\$ 45,259	\$ 45,943	\$ 1,000	\$ 8,755	\$ 106,463
Louisiana Sea Grant	\$ 1,470,718	\$ 4,766,479	\$ 1,322,595	\$ 4,252,543	\$ 1,213,821
Paul M. Hebert Law Center	\$ 25,906	\$ 174,248	\$ 99,137	\$ 266,719	\$ 72,684
Stephenson Security Programs Institute	\$ 12,797,145	\$ 39,407,569	\$ 12,095,677	\$ 33,004,131	\$ 8,936,474
School of Mass Communication	\$ 183,037	\$ 551,800	\$ 528,047	\$ 885,112	\$ 197,484
School of Veterinary Medicine	\$ 4,335,221	\$ 17,029,465	\$ 4,790,403	\$ 15,431,391	\$ 4,237,460
VP Engagement, Civil Rights, and Title IX	\$ -	\$ (328)	\$ 2,448	\$ 2,448	\$ -
VP Enrollment Management and Student Success	\$ 293,159	\$ 847,476	\$ 300,160	\$ 705,346	\$ 213,895
VP Online and Distance Education	\$ 280,142	\$ 1,177,359	\$ 247,990	\$ 894,381	\$ 99,829
VP Research and Economic Development	\$ 3,190,987	\$ 9,820,996	\$ 3,354,774	\$ 11,700,400	\$ 5,655,096
<b>Total</b>	<b>\$ 59,322,387</b>	<b>\$ 182,067,377</b>	<b>\$ 62,286,881</b>	<b>\$ 180,462,643</b>	<b>\$ 58,306,206</b>

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

Report Footnote: Beginning FY26 SNCsrt changed to Stephenson Security Programs Institute