



Combined Proposal and Award Activity Report
 Prepared by Office of Sponsored Programs
 & Sponsored Program Accounting

March 2023

Comparison Charts of Proposal/Award/Expenditure for past 3 years: p. 2-5
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 Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 13-15

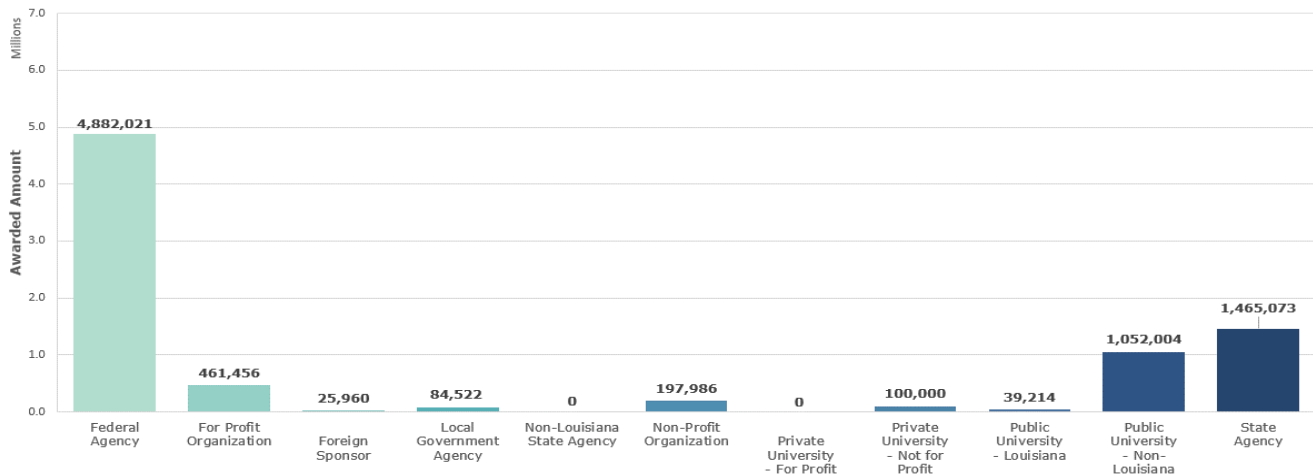
SUMMARY

March 1, 2023 through March 31, 2023

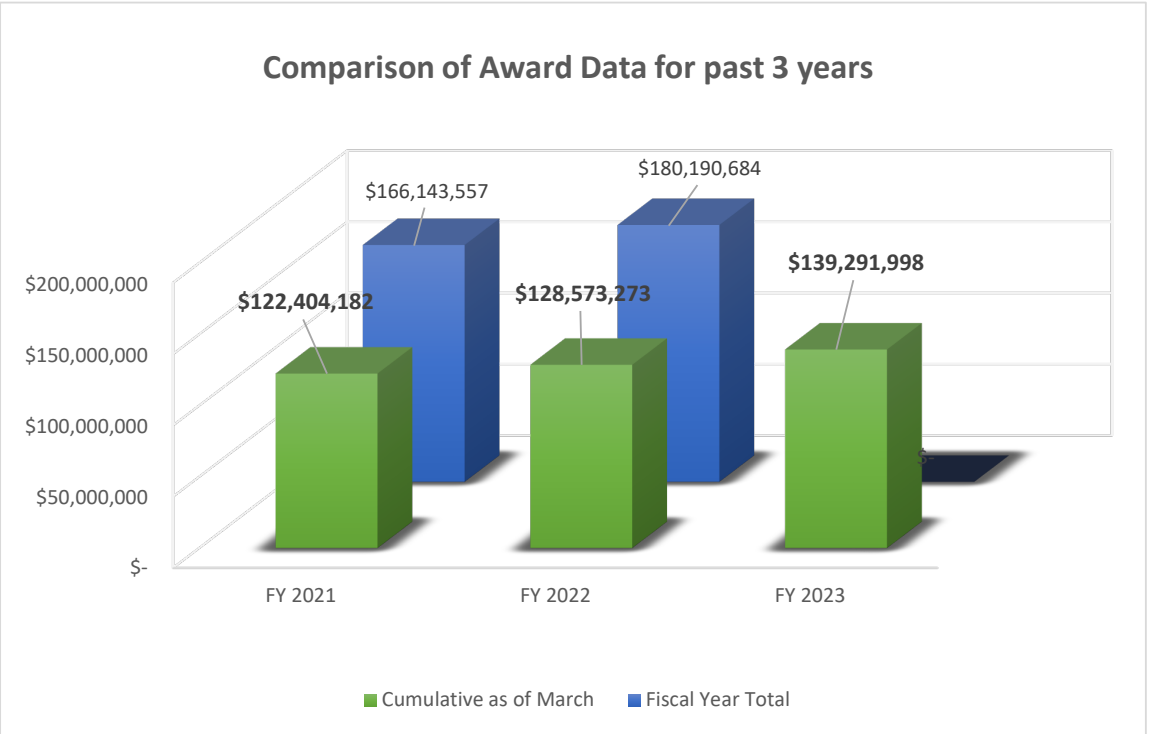
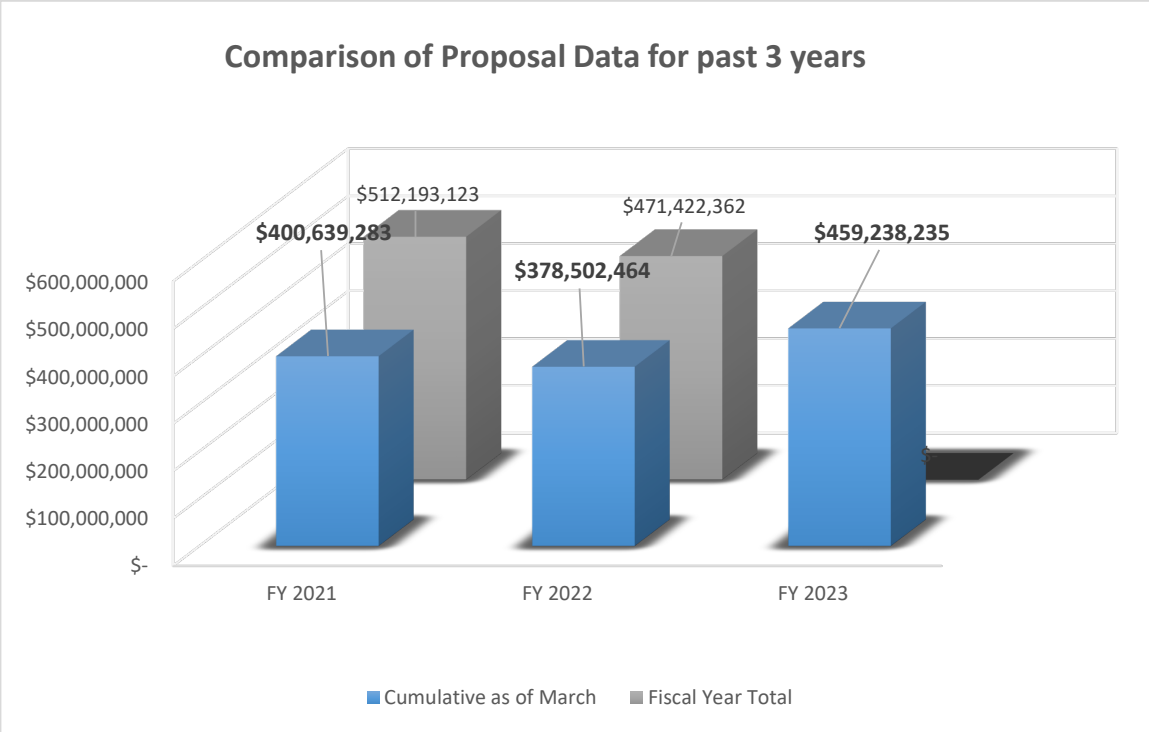
		March 2023	July - March 2023
Proposals Submitted by OSP	97	\$ 36,213,494	\$ 459,238,235
Awards Budgeted by SPA	53	\$ 8,308,236	\$ 139,291,998
Expenditures	--	--	\$ 118,677,489

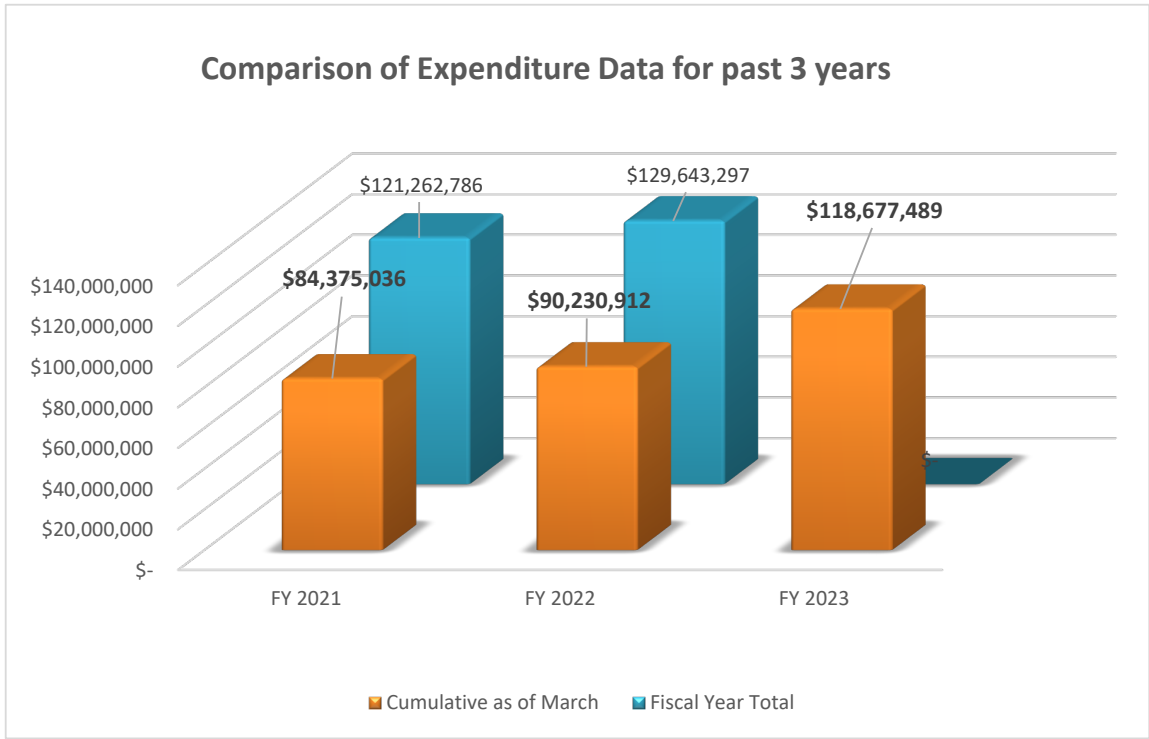
Awards by Sponsor March 2023

Sponsor Type	Number of Awards	Awarded Amount
Federal Agency	13	\$ 4,882,021
For Profit Organization	5	\$ 461,456
Foreign Sponsor	3	\$ 25,960
Local Government Agency	4	\$ 84,522
Non-Louisiana State Agency	0	\$ -
Non-Profit Organization	7	\$ 197,986
Private University-For Profit	0	\$ -
Private University-Not For Profit	1	\$ 100,000
Public University-Louisiana	2	\$ 39,214
Public University-Non-Louisiana	8	\$ 1,052,004
State Agency	10	\$ 1,465,073
TOTAL	53	\$ 8,308,236



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

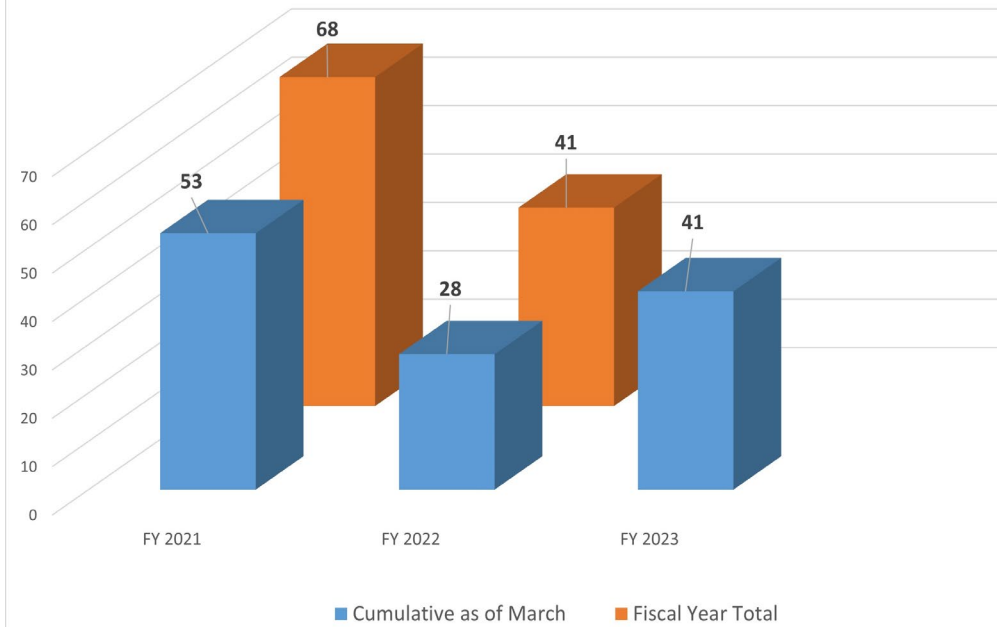




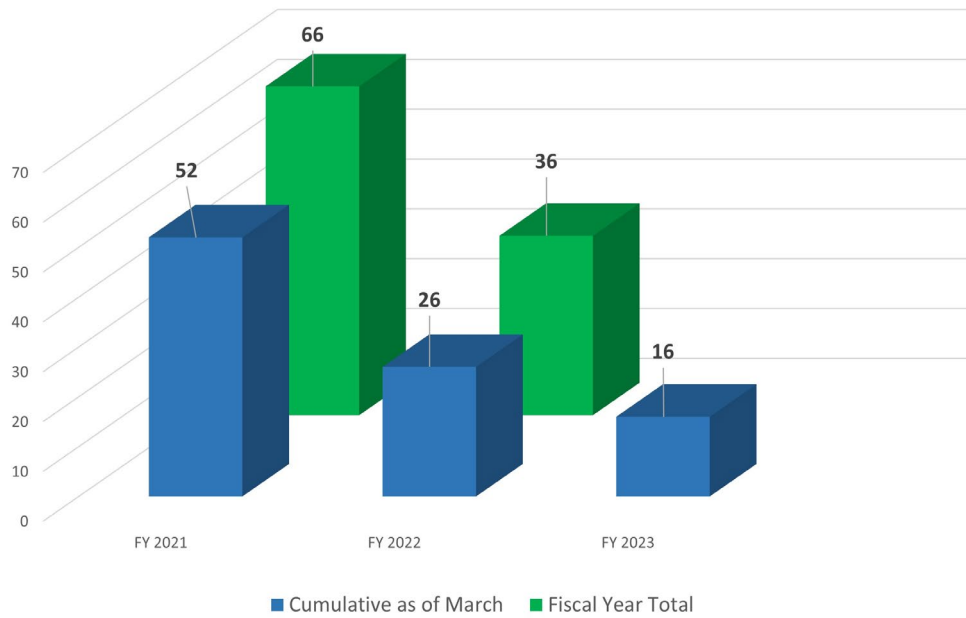
Report Footnotes: Proposal and award numbers are based off of project credit at time the report is generated.
 Expenditure numbers are based off of the cost center charged at time the report is generated.

Comparison of Invention & Patent & Revenue for past 3 years

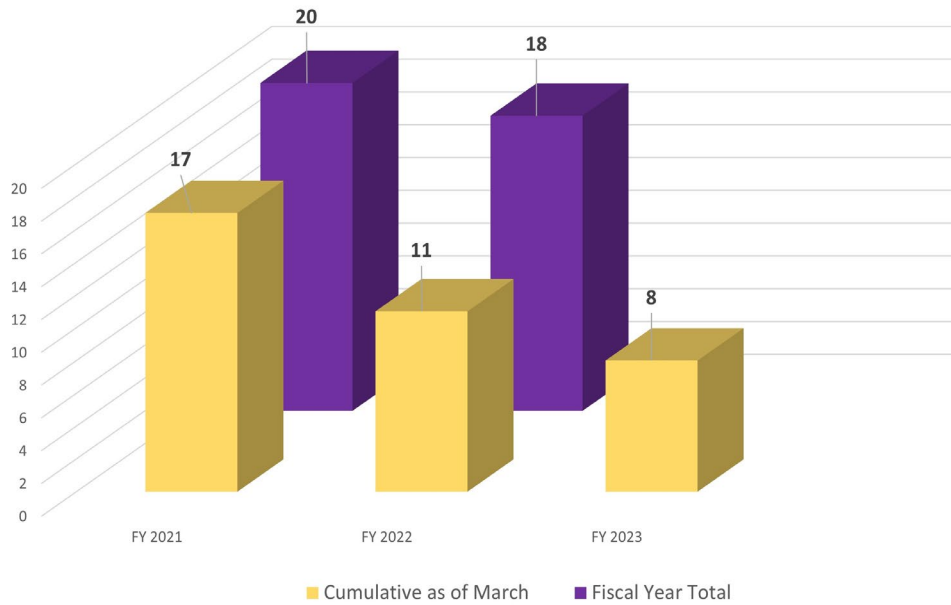
Comparison of Invention Disclosures



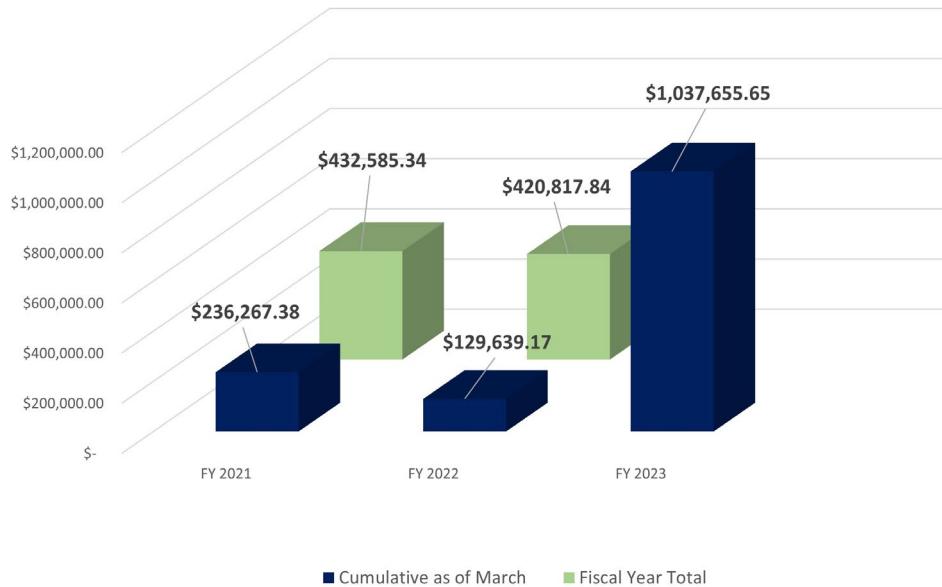
Comparison of Total U.S. Patent Applications



Comparison of Total U.S. Patents Issued



Comparison of Total Revenue for Licensing of Intellectual Property



Footnote: The monthly Combined Proposal and Award Activity report for previous years incorrectly reported patent metrics. This report and future reports include the revised totals

<u>Principal Investigator</u> <u>Co-PI(s)</u>	<u>Type</u>	<u>Agency</u>	<u>Title</u>	<u>Amount</u>
Wolfson, Wendy	P	Iberville Parish Council	Iberville Parish support for Shelter medicine - 2023	\$ 8,000.00
Twilley, Robert R	P	Syncom Space Services (S3)	Operation of the National Center for Advanced Manufacturing	\$ 600,000.00
Devireddy, Ramachandra	P	National Institutes of Health (NIH)	Fast Freezing Processes in Tissues	\$ 85,311.00
Rivas, Fatima	P	National Institutes of Health (NIH)	Elucidating the mode of action of the abietanes to develop potential therapeutic agents_supplement	\$ 55,126.00
Hooper-Bui, Linda M	P	National Academy of Sciences (NAS)	LSU NAS Gulf Renaissance Scholar Program	\$ 1,000.00
Bach, Jacqueline	C			
Goldgaber, Deborah	C			
Reams, Margaret Anne	C			
Willson, Clinton S	C			
Marvel, Christopher	P	Lehigh University	Lightweight High Entropy Metallic Alloy Discovery (LHEAD)	\$ 600,000.00
Barbalata, Corina	P	National Science Foundation (NSF)	Collaborative Research: Ideas Lab: ETAUS The Modular BASS: Benthic Autonomous Sampler and Surveyor	\$ 269,785.00
Leise, Britta Sigrid	P	Boehringer Ingelheim	2023 The Boehringer Ingelheim Veterinary Scholars Program	\$ 30,800.00
Ngabonziza, Prosper	P	US Department of Energy (DOE)	Epitaxy of Quantum Heterostructures and Synchrotron Studies of Their Novel Functional Interfaces	\$ 874,603.00
Olorode, Femi	P	US Department of Energy (DOE)	Coarse-Grained Molecular Studies of CO2 storage in Gas Hydrates	\$ 875,679.00
Huang, Huanping	P	US Department of Energy (DOE)	Integrating coastal wetlands into the E3SM model to simulate hurricane hazards	\$ 995,044.00
Johnson, Alyssa	P	National Institutes of Health (NIH)	Using a natural short sleep model to uncover novel pro-longevity pathways	\$ 408,130.00
Meng, Xiangyu	P	National Science Foundation (NSF)	Eco-driving of connected and autonomous vehicles approaching and departing signalized intersections	\$ 269,450.00
Herrmann, Achim	P	National Science Foundation (NSF)	MCA: Selenium isotope geochemistry of carbonate sediments	\$ 296,162.00
Stone, Megan J	P	Pointe Coupee Parish School Board	Extern Agreement between LSU and Pointe Coupee Parish School System - Sai Alluru	\$ 13,590.00
Waltrich, Paulo	P	Texas A&M Engineering Experiment Station (TEES)	Low-Cost Early-Kick-Detection Method via While-Drilling-Measurement Tools	\$ 681,540.00
Almeida, Mauricio Aguiar	C			
Terrell, Milton D	P	LA Workforce Commission	2023 Labor Force Participation Study	\$ 82,200.00
Chen, Yuanhang	P	Texas A&M Engineering Experiment Station (TEES)	Developing and Field-Testing of a New Framework for Identifying and Integrating Leading Indicators of Offshore Loss of Well Control Events	\$ 998,476.00
Sharma, Jyotsna	C			
Richard, Golden G III	P	National Science Foundation (NSF)	SaTC: CORE: Medium: Minding the Gaps: Increasing the Accuracy and Scope of Memory Forensics to Fight Modern Malware	\$ 1,199,700.00
Ghawaly, James Michael Jr	P	UT-Battelle, LLC (Oak Ridge National Lab-ORNL)	CRAFTI: Compact Radiation Detection Array for Tracking and Interdiction	\$ 678,846.00
Mitchell, Brant Dylan	O			
Olson, James M	O			
Penny, Matthew	P	Ohio State University (OSU)	The Roman Galactic Exoplanet Survey Project Infrastructure Team	\$ 1,328,500.00
Boyajian, Tabettha	C			
Yan, Le	P	National Science Foundation (NSF)	CC* Data Storage: Tiger Den: sustainable campus-wide data system to support CI-enabled research and education	\$ 498,317.00
Faircloth, Brant C	C			
Kim, Nayong	C			
Xue, Zuo	C			
Stewart, Michael	O			
Leger, Lonnie	P	National Science Foundation (NSF)	CC* Regional Computing: ACCEL: A Composable Compute Environment for LONI	\$ 996,169.00
Chen, Feng	C			
Kim, Nayong	C			
Yan, Le	C			
Kelly, Tosha	P	American Physiological Society	Operation Brainstorm: Developing Molecular Biomarkers to Detect the Pathology of Cerebral Malaria in Wild Birds	\$ 6,000.00
Silva, Gregory Thom	P	National Science Foundation (NSF)	Collaborative Research: A genomic-architecture-aware approach for resolving a taxonomically complete phylogeny of parrots	\$ 609,763.00

Streete, Annicia Harmon, Brendan Serrano, Nicholas	P C C	National Park Service (NPS)	Recording African American Burial Grounds as Points Clouds	\$	20,000.00
Lagomarsino, Laura P Kluse, Jennifer Suzanne	P C	Morton Arboretum	Collaborative Research: Digitization TCN: SAPLING: Tree Species of the Americas: a Project Leveraging Informatics, Natural History, and Geography	\$	54,601.00
Garcia-Lopez, Victor	P	American Chemical Society	Molecular Cages to Access Highly Reactive Triplet States of Organic Molecules and Understand Their Reactivity in Confined Spaces	\$	110,000.00
Xu, Ye	P	University of Central Florida (UCF)	DMREF: Peroxidase Mimics with Record High Catalytic Efficiencies: Synthesis, Mechanistic Understanding, and Bio-applications	\$	391,992.00
DiCarlo, Cynthia F	P	LA Department of Education (LDOE)	American Rescue Plan Act Stabilization Grant, Round 3	\$	162,624.00
Vatta, Adriano F	P	USDA Animal and Plant Health Inspection Service (APHIS)	NAHMS Sheep - 2024	\$	109,741.00
Zhang, Donghui Bharti, Bhuvnesh Kumar, Revati	P C C	National Science Foundation (NSF)	Collaborative Research: DMREF: Understanding Polyelectrolyte Solutions in Organic Media	\$	1,499,399.00
Laine, Roger A Stanfield, Brent	P C	National Institutes of Health (NIH)	Thioglycoside decoys of glycosylation of viral proteins to inhibit infectivity	\$	412,500.00
Li, Guoqiang Khonsari, Michael M	P C	Southern University and A & M College (SUBR)	Design and Manufacturing of Hybrid Fiber Reinforced Polymer Composites (FIRE-PC) with Superior Structural Integrity and Sustainability	\$	960,000.00
Laine, Roger A Matthews, Kenneth L II	P C	National Institutes of Health (NIH)	SPECT Tumor Imaging in Mice targeting SP55 endothelial tumor capillary biomarker	\$	449,998.00
Forte, Adam	P	American Chemical Society	Interaction of Meandering Rivers and Growth Faults Along the US Gulf Coast: Implications for Reservoir Structure	\$	125,000.00
Garno, Jayne C An, Yaxin Haber, Louis H	P C C	National Science Foundation (NSF)	DMREF: Accelerating the design of surface ligands for nanoparticle encapsulation for nanomedicine by collaborative investigations to evaluate organic coatings for drug loading	\$	1,842,116.00
Keim, Barry David Domingue, Simone	P C	University of Michigan	Building an Equity-oriented Engagement Framework for the FloodWise Communities Process in the Great Lakes and South Central Regions	\$	193,049.00
Mohamed, Ahmed	P	US Department of Defense (DOD)	A platform for evaluating the impacts of multiple pollutant exposures on endpoints critical to the recovery of threatened, endangered, and at-risk fish species	\$	2,574,920.00
Krause, John Jason	P	US Department of State (DOS)	Developing Panama Border Security Academy CBRNE Capacity	\$	345,094.00
Zhu, Yimin Jafari, Amirhosein	P C	National Science Foundation (NSF)	Collaborative Research: Conference: Creating a Theory of Change for Implementing Technology-Enabled Learning-Centered Environments in AEC Education Communities	\$	84,984.00
Burns, Eric	P	Space Telescope Science Institute (STScI)	Heavy element formation in the brightest gamma-ray burst of all time	\$	19,993.00
DeLorme, Denise E	P	Louisiana State University Agricultural Center	Breaking the Disaster-Rebuild-Repeat Cycle in Calcasieu Parish	\$	7,991.00
Penny, Matthew	P	National Aeronautics & Space Administration (NASA)	Laying the Foundation for a Comprehensive View of Transiting Exoplanets with the Galactic Bulge Survey	\$	226,606.00
Chancellor, Jeffery	P	NanoSonic, Inc.	RegoPolymer Concrete as GCR and SEP Shielding for Lunar Surface Site Preparation	\$	45,000.00
Chancellor, Jeffery	P	National Aeronautics & Space Administration (NASA)	Development of Scientific Instrumentation Payloads to Measure the Space Radiation Environment in CisLunar, Lunar Surface, and Lunar Orbit.	\$	1,300.00
Chancellor, Jeffery	P	National Aeronautics & Space Administration (NASA)	Improvement of radiobiological models by in-vivo validation to numerical methods	\$	10,000.00
Chancellor, Jeffery	P	National Aeronautics & Space Administration (NASA)	Translating Space Radiation Genotoxicity from Rodent to a Non-Human Primate Model Using CRISPR/CAS9 and Radiobiology Computational Models	\$	10,000.00
Kazemian, Ali	P	National Aeronautics & Space Administration (NASA)	Remote Operation of Planetary Construction 3D Printing Robots	\$	6,000.00

Chancellor, Jeffery	P	National Aeronautics & Space Administration (NASA)	Development of Polygonal Mesh Space Vehicle Phantoms for Evaluating Shielding Effectiveness from the Space Radiation Environment	\$	10,000.00
McPeak, Kevin Michael	P	National Science Foundation (NSF)	Collaborative Research: DMREF: Multicomponent Alloys for	\$	1,399,062.00
Lin, Li-Hsiang	C		Photothermal Hydrogen Production: Light, Heat, Activity		
Mauger, Francois	C				
Sprunger, Phillip	C				
Chancellor, Jeffery	P	National Aeronautics & Space Administration (NASA)	Assessment of Dose from Radiation Environments to Critical Cognitive Structures using Boundary Representation Models	\$	10,000.00
Xue, Zuo	P	The Water Institute of the Gulf (TWIG)	Hydrodynamic Modeling Support for Oyster	\$	198,361.00
Zang, Zhengchen	C		Metapopulation Modeling		
Kuduk, Melda	P	National Institutes of Health (NIH)	Spectrotemporal Analyses of Intermittent Irregular Vocal Fold Vibration: Effects of Recovery Process Following Phonosurgery and Relationships to Perceptual Roughness	\$	413,170.00
Gilbert, Hunter Bryant	P	CISIA Participating Companies	CISIA IUCRC Research: Tentacle-like Robotic System for	\$	50,000.00
Sharma, Jyotsna	C		Structural Integrity Assessment (Year 2)		
Zeidouni, Mehdi	P	American Chemical Society	Maximizing Hydrogen Storage Efficiency: A Multi-Faceted Approach	\$	125,000.00
Twilley, Robert R	P	US Department of Energy (DOE)	Pelican-Gulf Coast Carbon Removal	\$	2,999,960.00
Upton, Gregory Brian Jr	P				
Slack, Timothy A	C				
Snyder, Brian F	C				
Thompson, Karsten E	C				
Guo, Shengmin	P	LSU Board of Supervisors	Fabrication Tools for Additive Friction Stir Deposition (AFSD) Manufacturing	\$	47,500.00
Sharma, Jyotsna	P	CISIA Participating Companies	CISIA IUCRC Research: Machine Learning-Assisted Corrosion and Leak Monitoring of Storage Tanks Using Fiber Optic Sensors	\$	50,000.00
Bowen, Robby Smith	P	LA Board of Regents (BOR)	The LSU & Our Lady of the Lake Healthcare Pipeline	\$	166,433.00
Duris, Matthew	C				
Hargrave, Allison	C				
Brisson, Irene	P	American Council of Learned Societies	Kreyòl Architectures: Design in dialogue in Haitian house building - Getty/ACLS Postdoctoral Fellowship in the History of Art	\$	60,000.00
Kees, Christopher	P	National Oceanic and Atmospheric Administration (NOAA)	Decision Support for the Terrebonne Levee and Conservation District	\$	445,992.00
Bacopoulos, Peter	C				
Kaiser, Carola	C				
Trindade da Silva, Fabiana	C				
Proctor, Sarah Rials	P	National Institute of Corrections	FY23 Incident Command System for Corrections: Preparing for and Responding to Emergencies	\$	174,922.00
Chen, Yuanhang	P	Yangtze University	Cuttings Distribution Inversion and Hole Cleaning Evaluation Through Along String Pressure Measurements	\$	119,970.00
Osborne, Jonathan	P	Sam Houston State University	Rhetoric for Release: Racialized Dynamics in Parole Board Hearings	\$	175,923.00
Wahab, Muhammad A	P	LSU Health Sciences Center-Shreveport	Controlled spatial flexibility of the femoral stem promotes load sharing and mitigates stress shielding in implanted femur	\$	4,500.00
Hynes, Robert	P	National Aeronautics & Space Administration (NASA)	Multiwavelength Studies of Black Hole Binaries in Quiescence	\$	10,000.00
Vinyard, David	P	National Science Foundation (NSF)	Quantifying Environmental Noise and Biological Responses to Variance	\$	397,589.00
Totaro, Nicholas Patrick	P	LSU Board of Supervisors	Proof-of-Concept for Smart Sense Application Development	\$	75,000.00
Monroe, William Todd	C				
Rohli, Robert V	P	Louisiana State University Agricultural Center	Natural Hazard Risk Assessment for Louisiana	\$	90,113.00
Jafari, Navid H	P	Chance Maritime Technologies, Inc.	Autonomous Uncrewed Cone Penetrometer (CPT) for Geotechnical Acquisition (AU-CPT)	\$	24,000.00
Clark, Kelly	P	Society for the Study of School Psychology	PREPaRE-ing School Mental Health Professionals to Enhance School Safety: Evaluating Effectiveness of the PREPaRE Curriculum	\$	19,960.00
Rohli, Robert V	P	Louisiana State University Agricultural Center	Building Resilience through Extension Awareness and Knowledge (BREAK)	\$	8,000.00
Calamia, Matthew Ray	P	Covenant Health Network	Caring for our Care Force	\$	104,204.00
Brossoit, Rebecca	C				

Lopata, Kenneth Andrew	P	University of Nebraska-Lincoln	Probing nuclear and electronic dynamics in ultrafast ring-conversion molecular reactions	\$	387,510.00
Bethel, Matthew Byron	P	National Oceanic and Atmospheric Administration (NOAA)	VHulse_2024 DEAN JOHN A. KNAUSS MARINE POLICY	\$	90,500.00
Bethel, Matthew Byron	P	National Oceanic and Atmospheric Administration (NOAA)	SHudgens_2024 DEAN JOHN A. KNAUSS MARINE POLICY	\$	90,500.00
Bethel, Matthew Byron	P	National Oceanic and Atmospheric Administration (NOAA)	RFeder_2024 DEAN JOHN A. KNAUSS MARINE POLICY	\$	90,500.00
Bethel, Matthew Byron	P	National Oceanic and Atmospheric Administration (NOAA)	DStorment_2024 DEAN JOHN A. KNAUSS MARINE POLICY	\$	90,500.00
Bethel, Matthew Byron	P	National Oceanic and Atmospheric Administration (NOAA)	AKirkland_2024 DEAN JOHN A. KNAUSS MARINE POLICY	\$	90,500.00
Jones, Sarah Cooley Champney, Roberto Harvey, Craig M	P C C	National Action Council for Minorities in Engineering (NACME)	LSU NACME Block Grant Scholarship Proposal 2024-2028	\$	492,000.00
Dilullo, Danielle Cook, Jennifer	P C	National Academy of Sciences (NAS)	Wetland Days: Watershed-Based Enrichment Opportunities for Youth	\$	88,800.00
Gambill, Mahala Seibert, Dominique	P C	Barataria-Terrebonne National Estuary Foundation	Education of Coastal Ecosystem Services and Diversity through plantings and a place-based approach in Barataria-Terrebonne Estuary	\$	11,592.00
Roy, Amitava	P	Tulane University	Layered Transition Metal Carbo-chalcogenides as Electrocatalysts for Hydrogen Evolution	\$	399,682.00
Lawrence, Jimmy	P	Our Lady of the Lake Hospital, Inc.	A Soft Tissue Surgical Simulator Using 3D Printed Tissue Surrogates	\$	15,000.00
Sosnowsky, Kristin M Pletcher, Isaac	P C	LA Economic Development (LED)	Film/Television Faculty at LSU	\$	626,142.00
Pang, Zhihong	P	Syracuse University	PlugPal: an Integrated Lighting and Plug Load Control and Communication Platform for Commercial buildings	\$	149,964.00
Rohli, Robert V DeLorme, Denise E	P C	Louisiana State University Agricultural Center	Breaking the Disaster-Rebuild-Repeat Cycle in Calcasieu Parish	\$	51,857.00
Hooper-Bui, Linda M D'Elia, Christopher F Liang, Junhong	P C C	National Academy of Sciences (NAS)	Place-based, Phenomenon-based Field Experiences for Gulf Coast Middle School Students	\$	253,931.00
Jafari, Amirhosein Jeong, Shinhee Qian, Yufeng Webb, Andrew Zhu, Yimin Kazemian, Ali Walimuni Devage, Suniti	P C C C C O O	National Science Foundation (NSF)	FW-HTF-RM: Immersive, Interactive, and Intelligent (3I) Training of the Future Extraterrestrial Construction Workforce in Human-Robot Collaboration	\$	999,978.00
Blanchard, Pamela Borne Dilullo, Danielle	P C	National Academies of Sciences, Engineering and Medicine (NA)	Coastal Roots: Enhancing Stewardship with Place-Based Education	\$	185,288.00
Lee, Yongcheol Cohen, Alex S Ostrenko, Frederick W Park, Sunyoung Slack, Timothy A Aubanel, Marc Jamerson, Jason Kameshwar, Sabarethinam Wang, Chen Spivak, David	P C C C C O O O O P	National Science Foundation (NSF)	Collaborative Research: FW-HTF-RL: AI-driven Digital Twin and Biobehavioral Sensing (AID-BioS) for Interactive Workforce in Post-Disaster Recovery and Reconstruction	\$	1,749,950.00
Lopez, Mandi J	P	Radyus Research, Inc.	Test Product Healing Efficacy in a Rat Model of Tendon Elongation	\$	152,352.00
Moreno, Juana Richard, Golden G III Alegre, Fernando Baggili, Ibrahim Kendrick, Rose Scott	P C O O O	National Security Agency (NSA)	GenCyber at Louisiana State University: Cybersecurity Bootcamp for High School Teachers	\$	149,999.01
Monier, Jerry T Jr	P	LA Board of Regents (BOR)	Run. Hide. Fight Video	\$	64,428.00
Monier, Jerry T Jr	P	LA Board of Regents (BOR)	Assessment Project - Tool Development and First Round of Site	\$	85,763.00

\$ 36,213,494.01

Awards Budgeted by SPA

March 2023

<u>Award ID</u>	<u>Principal Investigator Co- PI(s)</u>	<u>Type</u>	<u>Award Name</u>	<u>Agency</u>	<u>New</u>	<u>Continuing</u>	<u>Total</u>
AWD-000549	O'Brien, David Borue	P	LSUAM Louisiana Notary Exam	Office of the Secretary of State of Louisiana	\$ -	\$ 72,675.00	\$ 72,675.00
AWD-001192	Moroney, James V	P	LSUAM RIPE - Realizing Increased Photosynthetic Efficiency for Sustainable Increases in Crop Yield (Phase 2)	University of Illinois at Urbana-Champaign 03	\$ -	\$ 57,684.00	\$ 57,684.00
AWD-001383	Esselstyn, Jacob A	P	LSUAM Collaborative Research: Rates of Lineage, Phenotypic, and Genomic Diversification in Replicated Radiations of Murine Rodents	National Science Foundation (NSF)	\$ 66,000.00	\$ -	\$ 66,000.00
AWD-002414	Lee, Hwang	P	LSUAM Development and Demonstration Cavity-QED-based Operations and Protocols for Quantum Networks	US - Israel Binational Science Foundation (BSF)	\$ -	\$ 20,875.00	\$ 20,875.00
AWD-002770	Noel, Alexandra	P	LSUAM Cardiopulmonary Effects Induced by Electronic-Cigarette and JUUL Aerosols in Both in Vivo and in Vitro Models	NIH-National Heart, Lung, & Blood Institute (NHLBI)	\$ -	\$ 169,925.00	\$ 169,925.00
AWD-002782	Irving, Jennifer Kay Cook, Robert L Dugas, Tammy Renee Khachatryan, Lavrent Lomnicki, Slawomir Noel, Alexandra Penn, Arthur L Reams, Margaret Anne Sprunger, Phillip Cormier, Stephania A	A 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	\$ -	\$ 2,147,281.00	\$ 2,147,281.00
AWD-002980	Wolfson, Wendy	P	LSUAM Agreement between LSU Veterinary Shelter medicine program and Walker Animal Control Facility	Walker Animal Shelter	\$ 5,000.00	\$ -	\$ 5,000.00
AWD-003189	Jones, Kathe A	P	LSUAM FY2020 State Fire Training Systems	US Department of Homeland Security-Federal Emergency Management Agency-FEMA 01	\$ (933.00)	\$ -	\$ (933.00)
AWD-003202	Hollier, Deborah Lynne	P	LSUAM SSS Grant Application	US Department of Education	\$ -	\$ 401,131.00	\$ 401,131.00
AWD-003763	Willson, Clinton S	P	LSUAM LSU Center for River Studies Operations	Coastal Protection & Restoration Authority (CPRA) 15	\$ -	\$ 342,213.00	\$ 342,213.00
AWD-003922	Mitchell, Brant Dylan	P	LSUAM STC-LSU IWA FY22-001-CESER	Stephenson Technologies Corporation (STC) 02	\$ 12,676.00	\$ -	\$ 12,676.00
AWD-004071	Butler, Leslie G Chen, Jianhua Guo, Shengmin Meng, Wen Jin Khonsari, Michael M	C C C C P	LSUAM IUCRC Phase 1 Center for Innovations in Structural Integrity Assurance (CISIA) - Members	CISIA Participating Companies	\$ -	\$ 200,000.00	\$ 200,000.00
AWD-004217	Keim, Barry David	P	LSUAM Southern Climate Impacts Planning Program (SCIPP) Phase IV: Planning for Long Term Change in a Short Term World	University of Oklahoma 04	\$ 47,381.00	\$ -	\$ 47,381.00
AWD-004319	Harrison, Cheryl	P	LSUAM SMART Subsea Cables: Implementing for Geophysics, Early Warning and Oceans, Vanuatu-New Caledonia to Global	University of Hawaii 01	\$ -	\$ 67,976.00	\$ 67,976.00

AWD-004815	Bach, Jacqueline Goldgaber, Deborah Reams, Margaret Anne Willson, Clinton S Hooper-Bui, Linda M Leichman, Jeffrey M	C C C C P P	LSUAM LSU NAS GRSP (Gulf Renaissance Scholar Program)	National Academy of Sciences	\$ 1,000.00	\$ -	\$ 1,000.00
AWD-004849			LSUAM CFFS Center of Excellence 2022 Annual Agreement	Embassy of France	\$ 4,000.00	\$ -	\$ 4,000.00
AWD-004892	Bohnert, Adam	P	LSUAM Pexophagy regulation in live animals and its role in aging and longevity	NIH-National Institute on Aging	\$ -	\$ 53,616.00	\$ 53,616.00
AWD-004917	Johannsen, Neil Spielmann, Guillaume	C P	LSUAM Physical & Mental Resilience in Female Athletes: A Pilot Study	Pennington Biomedical Research Center 05	\$ -	\$ 35,146.00	\$ 35,146.00
AWD-004955	Sun, Mingxuan	P	LSUAM Advancing Optimization for Threshold-Agnostic Fair AI Systems	Texas A&M University-Engineering Experiment Station 01	\$ 169,909.00	\$ -	\$ 169,909.00
AWD-005021	Wilson, Carol	P	LSUAM Subsidence related to subsurface stratigraphy in diversion receiving basins	Pontchartrain Conservancy	\$ 29,435.00	\$ -	\$ 29,435.00
AWD-005070	George, Kevin	P	LSUAM 2022-2023 Super App - Title IV	LA Dept of Education	\$ 10,000.00	\$ -	\$ 10,000.00
AWD-005071	George, Kevin	P	LSUAM 2022-2023 Super App - Title II	LA Dept of Education	\$ 20,926.00	\$ -	\$ 20,926.00
AWD-005075	Polito, Michael John	P	LSUAM Diets and Detectability of Invasive Carps	LSU Ag Center 05	\$ 4,068.00	\$ -	\$ 4,068.00
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	\$ 54,688.00	\$ -	\$ 54,688.00
AWD-005077	Guo, Shengmin	P	LSUAM SURE-2023-Harding-Joining of dissimilar metals	LA Board of Regents 11	\$ 5,000.00	\$ -	\$ 5,000.00
AWD-005078	Li, Chunyan	P	LSUAM Hurricane damage repair project for WAVCIS	Texas A&M University 03	\$ 426,167.00	\$ -	\$ 426,167.00
AWD-005079	Schneider, Helmut	P	LSUAM 2023 CMV Crash and Hazmat Data Analysis	LA Dept of Public Safety & Corrections-Office of State Police 05	\$ 167,658.00	\$ -	\$ 167,658.00
AWD-005080	Mitchell, Brant Dylan	P	LSUAM LANG-LMD TO-02-2023 GISE and Environmental Services (LA23-L-010)	Louisiana Military Department (LMD) 02	\$ 467,141.00	\$ -	\$ 467,141.00
AWD-005081	Mitchell, Brant Dylan	P	LSUAM STC-LSU IWA FY23-002-BIRD	Stephenson Technologies Corporation (STC) 02	\$ 70,695.00	\$ -	\$ 70,695.00
AWD-005082	Winter, Ty Whitney	P	LSUAM InfraGard FY2023	Federal Bureau of Investigation 02	\$ 347,578.00	\$ -	\$ 347,578.00
AWD-005084	Lattin, Christine	P	LSUAM CAREER: The Neurobiology of Neophobia in a Wild Songbird	National Science Foundation (NSF)	\$ 702,553.00	\$ -	\$ 702,553.00
AWD-005085	Krause, John Jason	P	LSUAM Strengthening Capabilities of Malaysian Law Enforcement to Prevent Toxic Gas and Rudimentary Chemical Weapons Attacks	US Civilian Research & Development Foundation (CRDF Global) 03	\$ 70,180.00	\$ -	\$ 70,180.00
AWD-005086	Blanchard, Leslie Davis	P	LSUAM Proposal for Leadership Disposition Coaching for Development- Winthrop University	Winthrop University	\$ 9,700.00	\$ -	\$ 9,700.00
AWD-005087	Dance, Michael	P	LSUAM Invasive Carp Movement and Assessment to Inform Management and Removal Efforts in the Lower Mississippi River (LMR)	LA Dept of Wildlife & Fisheries 46	\$ 195,000.00	\$ -	\$ 195,000.00
AWD-005092	Dance, Michael D'Sa, Eurico J Mukhopadhyay, Supratik Glaspie, Cassandra	C C C P	LSUAM Louisiana Deltaic Estuaries MBON: Sea Level Rise Sentinels	NASA-Goddard Space Flight Center 03	\$ 349,991.00	\$ -	\$ 349,991.00

AWD-005093	DiCarlo, Cynthia F	P	LSUAM EBR Child Care Believe Grant	East Baton Rouge Parish School System (EBRPSS) 13	\$	7,000.00	\$	-	\$	7,000.00
AWD-005097	Guo, Shengmin	P	LSUAM CISIA IUCRC Research: MELD Manufacturing of Advanced Materials	CISIA Participating Companies	\$	120,000.00	\$	-	\$	120,000.00
AWD-005100	Sumners, Glenn E	P	LSUAM Internal Auditing Education Partnership (IAEP) Grant Program	Institute of Internal Auditors Research Foundation	\$	9,000.00	\$	-	\$	9,000.00
AWD-005101	Zhang, Donghui	P	LSUAM Origins of the Principle of Survival of the Fittest	The Research Foundation for the State University of New York (SUNY) 02	\$	218,499.00	\$	-	\$	218,499.00
AWD-005103	Holstein, Daniel	P	LSUAM Collaborative Research: RAPID: A multi-scale approach to predicting coral disease spread: leveraging an outbreak on coral-dense isolated reefs	National Science Foundation (NSF)	\$	3,921.00	\$	-	\$	3,921.00
AWD-005104	Birch, Traci Pace, Niki LeAnnette	C P	LSUAM Louisiana Community Resilience Institute - Hurricane Ida/SE Louisiana (2023)	US Department of Commerce	\$	151,672.00	\$	-	\$	151,672.00
AWD-005105	Stevens, Lauren Coppins	P	LSUAM Jefferson Parish 01-2023 TO #1 EOP and THIRA	Jefferson Parish Government	\$	48,240.00	\$	-	\$	48,240.00
AWD-005106	Hymel, Thomas Michael Lively, Julie Ann Seibert, Dominique Watts, Evelyn Gutierrez	C C C P	LSUAM Education and Outreach Support for the Louisiana Fisheries Forward Program	LA Dept of Wildlife & Fisheries 46	\$	133,260.00	\$	-	\$	133,260.00
AWD-005107	Saini, Yogesh	P	LSUAM Modulation of RNA Binding Proteins in Xenobiotic-induced Hepatotoxicity	NIH-National Institute of Environmental Health Sciences	\$	464,386.00	\$	-	\$	464,386.00
AWD-005110	Tucker, Raymond Buckner, Julia D	C P	LSUAM The Impact of Motivation-Based Interventions for Substance Misuse for Medicaid Recipients in	LA Dept of Health & Hospitals-Bureau of Healthcare	\$	51,200.00	\$	-	\$	51,200.00
AWD-005113	Liu, Kam-Biu	P	LSUAM Doctoral Dissertation Research: Stratigraphic records of microplastic pollution in coastal and wetland sediments	National Science Foundation (NSF)	\$	24,900.00	\$	-	\$	24,900.00
AWD-005114	Stone, Megan J	P	LSUAM Extern Agreement between LSU and Pointe Coupee Parish School System - Vamsi Pusapati	Pointe Coupee Parish School Board 01	\$	15,692.00	\$	-	\$	15,692.00
AWD-005116	Stone, Megan J	P	LSUAM Extern Agreement between LSU and Pointe Coupee Parish School System - Sai Alluru	Pointe Coupee Parish School Board 01	\$	13,590.00	\$	-	\$	13,590.00
AWD-005119	Marvel, Christopher	P	LSUAM Lightweight High Entropy Metallic Alloy Discovery (LHEAD)	Lehigh University	\$	100,000.00	\$	-	\$	100,000.00
AWD-005120	Sharma, Jyotsna	P	LSUAM CISIA IUCRC Research: Machine Learning-Assisted Corrosion and Leak Monitoring of Storage Tanks Using Fiber Optic Sensors	CISIA Participating Companies	\$	50,000.00	\$	-	\$	50,000.00
AWD-005124	Mayer, Corinne	P	LSUAM Fecal shedding of Cryptosporidium serpentis corresponding to morbidity and mortality in a subclinically infected population of Louisiana Pine Snakes (Pituophis ruthveni)	European College of Zoological Medicine	\$	1,085.00	\$	-	\$	1,085.00
AWD-005125	Leise, Britta Sigrid	P	LSUAM 2023 The Boehringer Ingelheim Veterinary Scholars Program	Boehringer Ingelheim Animal Health USA, Inc	\$	30,800.00	\$	-	\$	30,800.00
AWDC-000300	Pardue, John Howard Moe, William M	C P	LSUAM Evaluation of Current Remedy and Research Into Advanced Technologies for Remed	NPC Services, Inc.	\$	-	\$	60,656.00	\$	60,656.00
Grand Total					\$	4,679,058	\$	3,629,178	\$	8,308,236

Comparison of Proposal Data for past 3 years

March 2023

Colleges	Cumulative as of March 2021		Cumulative as of March 2022		Cumulative as of March 2023	
	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested
Academic Affairs	3.32	\$ 155,486.50	8.45	\$ 3,189,771.43	13.60	\$ 710,666
Administrative	0.00	\$ -	0.00	\$ -	2.50	\$ 385,000
Athletics	2.00	\$ 140,000.00	1.00	\$ 9,999.00	0.00	\$ -
Center for Computation and Technology	5.30	\$ 1,100,226.81	0.50	\$ 247,928.00	0.84	\$ 337,986
Center for Energy Studies	1.70	\$ 977,958.77	4.83	\$ 1,034,220.26	6.64	\$ 3,311,484
Centers and Institutes	14.52	\$ 2,908,543.61	7.30	\$ 1,791,022.17	7.42	\$ 1,718,217
College of Agriculture	14.96	\$ 1,907,389.18	9.26	\$ 2,158,176.35	11.65	\$ 1,614,096
College of Art and Design	6.82	\$ 2,949,269.17	9.21	\$ 2,476,736.06	9.36	\$ 1,321,660
College of Business	16.20	\$ 4,029,585.54	11.87	\$ 2,424,763.38	9.40	\$ 2,183,556
College of Engineering	270.30	\$ 157,071,205.05	230.85	\$ 69,994,487.25	218.15	\$ 104,137,057
College of Human Sciences and Education	59.83	\$ 17,713,810.39	61.05	\$ 32,770,181.93	58.13	\$ 22,487,141
College of Humanities and Social Sciences	77.55	\$ 17,278,833.54	81.67	\$ 21,308,550.77	75.82	\$ 25,513,003
College of Music and Dramatic Arts	6.50	\$ 741,128.80	7.50	\$ 279,391.16	8.75	\$ 1,414,062
College of Science	220.73	\$ 81,509,693.90	235.81	\$ 93,075,707.55	220.65	\$ 95,240,278
College of the Coast and Environment	96.16	\$ 31,535,170.50	83.56	\$ 39,002,003.11	88.01	\$ 41,413,726
Continuing Education	4.00	\$ 945,954.14	1.00	\$ 449,999.55	4.00	\$ 1,214,520
Graduate School	3.65	\$ 437,412.75	4.71	\$ 8,981,559.16	5.55	\$ 1,908,778
Honors College			1.00	\$ 5,000.00	0.00	\$ -
Information Technology Services	1.00	\$ 2,054,591.00	1.50	\$ 1,414,302.00	2.00	\$ 2,081,143
Libraries	1.30	\$ 3,100.00	2.00	\$ 75,445.00	0.20	\$ 99,663
Louisiana Sea Grant	15.80	\$ 7,756,329.34	24.87	\$ 4,084,601.46	27.16	\$ 8,641,467
LSU Online	0.00	\$ -	0.00	\$ -	0.00	\$ -
Paul M. Hebert Law Center	2.00	\$ 809,597.70	1.00	\$ 526,803.60	1.10	\$ 266,887
School of Mass Communication	7.45	\$ 559,020.39	5.75	\$ 1,170,280.00	6.75	\$ 5,011,965
School of Veterinary Medicine	99.80	\$ 53,175,376.20	83.75	\$ 51,282,964.75	80.57	\$ 77,428,924
SNCSRT	32.95	\$ 13,899,027.42	39.25	\$ 34,796,669.23	40.15	\$ 39,967,449
University College	2.00	\$ 326,407.00	1.00	\$ 326,427.84	1.00	\$ 401,131
VP Research and Economic Development	3.17	\$ 654,165.73	13.30	\$ 5,625,473.30	17.60	\$ 20,428,375
Total as of March	969.00	\$ 400,639,283.43	932.00	\$ 378,502,464.31	917.00	\$ 459,238,235.01
Total of Fiscal Year	1296.00	\$512,193,123	1188.00	\$ 471,422,362.00	--	--

Comparison of Award Data for past 3 years

March 2023

College	Cumulative as of March 2021			Cumulative as of March 2022			Cumulative as of March 2023		
	Mar - New (2021)	Mar - Continuing (2021)	Mar - Total (2021)	Mar - New (2022)	Mar - Continuing (2022)	Mar - Total (2022)	Mar - New (2023)	Mar - Continuing (2023)	Mar - Total (2023)
	Academic Affairs	\$ 169,277.00	\$ 71,365.00	\$ 240,642.00	\$ 1,731,358.00	\$ 100,645.00	\$ 1,832,003.00	\$ 1,384,867.00	\$ 162,996.00
Administrative	\$ 118,229.00	\$ -	\$ 118,229.00	\$ -	\$ -	\$ -	\$ 10,000.00	\$ -	\$ 10,000.00
Athletics	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,999.00	\$ -	\$ 9,999.00
Center for Computation and Technology	\$ 432,132.00	\$ 74,229.00	\$ 506,361.00	\$ 99,968.00	\$ -	\$ 99,968.00	\$ -	\$ 99,968.00	\$ 99,968.00
Center for Energy Studies	\$ 27,232.00	\$ -	\$ 27,232.00	\$ 81,383.00	\$ 163,763.00	\$ 245,146.00	\$ 683,354.00	\$ -	\$ 683,354.00
Centers and Institutes	\$ 1,316,223.00	\$ 18,000.00	\$ 1,334,223.00	\$ 782,380.00	\$ -	\$ 782,380.00	\$ 369,758.00	\$ 4,222.00	\$ 373,980.00
College of Agriculture	\$ 279,580.00	\$ 35,262.00	\$ 314,842.00	\$ 156,754.00	\$ 30,000.00	\$ 186,754.00	\$ 216,124.00	\$ -	\$ 216,124.00
College of Art and Design	\$ 85,637.00	\$ (5,600.00)	\$ 80,037.00	\$ 292,223.00	\$ -	\$ 292,223.00	\$ 231,211.00	\$ 200,000.00	\$ 431,211.00
College of Business	\$ 2,246,891.00	\$ 3,727,750.00	\$ 5,974,641.00	\$ 1,609,737.00	\$ 3,853,645.00	\$ 5,463,382.00	\$ 1,346,142.00	\$ 4,087,769.00	\$ 5,433,911.00
College of Engineering	\$ 18,591,042.00	\$ 2,573,410.00	\$ 21,164,452.00	\$ 31,492,866.00	\$ 7,735,994.00	\$ 39,228,860.00	\$ 16,977,949.00	\$ 8,806,916.00	\$ 25,784,865.00
College of Human Sciences and Education	\$ 3,283,372.00	\$ 2,104,810.00	\$ 5,388,182.00	\$ 3,792,351.00	\$ 1,312,240.00	\$ 5,104,591.00	\$ 7,013,621.00	\$ 2,851,258.00	\$ 9,864,879.00
College of Humanities and Social Sciences	\$ 1,347,013.00	\$ 1,202,846.00	\$ 2,549,859.00	\$ 1,627,740.00	\$ 746,787.00	\$ 2,374,527.00	\$ 3,237,088.00	\$ 1,129,751.00	\$ 4,366,839.00
College of Music and Dramatic Arts	\$ 36,889.00	\$ -	\$ 36,889.00	\$ 136,250.00	\$ -	\$ 136,250.00	\$ 89,576.00	\$ 25,000.00	\$ 114,576.00
College of Science	\$ 18,258,690.00	\$ 7,734,162.00	\$ 25,992,852.00	\$ 12,237,107.00	\$ 5,646,854.00	\$ 17,883,961.00	\$ 16,569,302.00	\$ 10,657,918.00	\$ 27,227,220.00
College of the Coast and Environment	\$ 5,483,604.00	\$ 511,846.00	\$ 5,995,450.00	\$ 6,648,909.00	\$ 2,138,596.00	\$ 8,787,505.00	\$ 6,688,754.00	\$ 2,306,300.00	\$ 8,995,054.00
Continuing Education	\$ 50,000.00	\$ 300,000.00	\$ 350,000.00	\$ 925,231.00	\$ -	\$ 925,231.00	\$ 214,457.00	\$ 150,000.00	\$ 364,457.00
Graduate School	\$ 27,000.00	\$ 450,590.00	\$ 477,590.00	\$ 1,026,837.00	\$ 474,485.00	\$ 1,501,322.00	\$ 453,423.00	\$ 744,101.00	\$ 1,197,524.00
Honors College				\$ 5,000.00	\$ -	\$ 5,000.00	\$ -	\$ -	\$ -
Information Technology Services	\$ 2,253,971.00	\$ -	\$ 2,253,971.00	\$ -	\$ 1,166,374.00	\$ 1,166,374.00	\$ -	\$ 1,184,544.00	\$ 1,184,544.00
Libraries	\$ -	\$ -	\$ -	\$ 34,300.00	\$ -	\$ 34,300.00	\$ 36,800.00	\$ -	\$ 36,800.00
Louisiana Sea Grant	\$ 1,605,919.00	\$ 308,165.00	\$ 1,914,084.00	\$ 596,151.00	\$ 118,885.00	\$ 715,036.00	\$ 1,236,160.00	\$ 237,147.00	\$ 1,473,307.00
LSU Online	\$ -	\$ 700,000.00	\$ 700,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Paul M. Hebert Law Center	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000.00	\$ -	\$ 550,000.00
School of Mass Communication	\$ 208,772.00	\$ 181,900.00	\$ 390,672.00	\$ 68,798.00	\$ 197,835.00	\$ 266,633.00	\$ 424,397.00	\$ 287,091.00	\$ 711,488.00
School of Veterinary Medicine	\$ 6,811,950.00	\$ 1,732,419.00	\$ 8,544,369.00	\$ 4,098,416.00	\$ 2,843,024.00	\$ 6,941,440.00	\$ 4,646,557.00	\$ 4,632,703.00	\$ 9,279,260.00
SNCSTR	\$ 33,799,475.00	\$ 2,697,000.00	\$ 36,496,475.00	\$ 31,341,288.00	\$ 1,843,021.00	\$ 33,184,309.00	\$ 33,672,516.00	\$ 1,804,522.00	\$ 35,477,038.00
University College	\$ 401,131.00	\$ 5,000.00	\$ 406,131.00	\$ 5,000.00	\$ 401,131.00	\$ 406,131.00	\$ 321,406.00	\$ 401,131.00	\$ 722,537.00
VP Research and Economic Development	\$ 1,105,000.00	\$ 41,999.00	\$ 1,146,999.00	\$ 979,947.00	\$ 30,000.00	\$ 1,009,947.00	\$ 2,269,848.00	\$ 865,352.00	\$ 3,135,200.00
Total Count of March	373	197	570	436	167	603	401	182	583
Total Amount of Fiscal Year	\$ 97,939,029.00	\$ 24,465,153.00	\$ 122,404,182.00	\$ 99,769,994.00	\$ 28,803,279.00	\$ 128,573,273.00	\$ 98,653,309.00	\$ 40,638,689.00	\$ 139,291,998.00
Total of Fiscal Year		\$166,143,557.00			\$180,190,684.00			--	

Comparison of Expenditure Data for past 3 years

March 2023

First Level Cost Center Hierarchy	Mar-2021	FY 2021	Mar-2022	FY 2022	Mar-2023
Academic Affairs	\$ 432,511	\$ 606,466	\$ 760,937	\$ 1,158,072	\$ 1,050,968
Administrative	\$ 5,134	\$ 13,883	\$ 22,898	\$ 22,042	\$ 40,512
Athletics	\$ -	\$ -	\$ -	\$ -	\$ 9,999
Center for Computation and Technology	\$ 1,341,706	\$ 1,739,488	\$ 835,167	\$ 1,300,538	\$ 673,839
Center for Energy Studies	\$ 111,457	\$ 174,234	\$ 97,506	\$ 168,623	\$ 169,197
Centers and Institutes	\$ 3,634,784	\$ 3,803,480	\$ 752,378	\$ 845,582	\$ 7,116,156
College of Agriculture	\$ 165,324	\$ 306,764	\$ 128,845	\$ 149,744	\$ 100,713
College of Art and Design	\$ 30,306	\$ 66,538	\$ 491,226	\$ 524,934	\$ 157,825
College of Business	\$ 3,084,564	\$ 4,480,394	\$ 3,796,698	\$ 5,389,532	\$ 4,384,949
College of Engineering	\$ 16,367,087	\$ 23,349,317	\$ 16,311,909	\$ 24,128,381	\$ 20,836,241
College of Human Sciences and Education	\$ 2,343,436	\$ 3,987,884	\$ 4,646,282	\$ 6,144,034	\$ 5,758,613
College of Humanities and Social Sciences	\$ 1,748,191	\$ 2,554,719	\$ 2,063,094	\$ 2,963,950	\$ 2,636,097
College of Music and Dramatic Arts	\$ 16,484	\$ 56,435	\$ 15,833	\$ 45,370	\$ 111,606
College of Science	\$ 17,752,466	\$ 25,448,123	\$ 16,678,429	\$ 24,623,107	\$ 18,036,581
College of the Coast and Environment	\$ 3,705,508	\$ 6,088,136	\$ 5,638,046	\$ 8,688,676	\$ 7,486,619
Continuing Education	\$ 781,158	\$ 1,062,654	\$ 366,607	\$ 748,224	\$ 247,912
Graduate School	\$ 1,137,156	\$ 1,657,525	\$ 1,196,245	\$ 1,614,813	\$ 680,907
Honors College	\$ -		\$ -	\$ 2,208	\$ -
Information Technology Services	\$ 1,703,004	\$ 2,408,829	\$ 770,858	\$ 1,023,110	\$ 1,018,185
LSU Online	\$ 729,211	\$ 1,121,726	\$ 1,030,469	\$ 1,030,469	\$ -
Libraries	\$ 4,131	\$ 4,131	\$ 17,138	\$ 18,298	\$ 43,057
Louisiana Sea Grant	\$ 2,310,354	\$ 3,189,940	\$ 2,678,770	\$ 3,867,645	\$ 3,253,125
Paul M. Hebert Law Center	\$ -		\$ 159,809	\$ 237,865	\$ 179,146
SNCST	\$ 15,823,603	\$ 23,700,298	\$ 20,283,136	\$ 28,960,729	\$ 27,123,583
School of Mass Communication	\$ 477,187	\$ 662,655	\$ 246,718	\$ 254,988	\$ 304,597
School of Veterinary Medicine	\$ 10,065,611	\$ 13,494,561	\$ 10,061,871	\$ 13,768,955	\$ 12,184,787
University College	\$ 503,439	\$ 683,463	\$ 534,460	\$ 714,781	\$ 503,320
VP Research and Economic Development	\$ 101,223	\$ 601,146	\$ 645,585	\$ 1,248,626	\$ 4,568,954
Total	\$ 84,375,036	\$ 121,262,786	\$ 90,230,912	\$ 129,643,297	\$ 118,677,489

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