



Combined Proposal and Award Activity Report

Prepared by Office of Sponsored Programs
& Sponsored Program Accounting

October 2022

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

Proposals Submitted by OSP: p. 6-11

Awards Budgeted by SPA: p. 12-17

Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 18-20

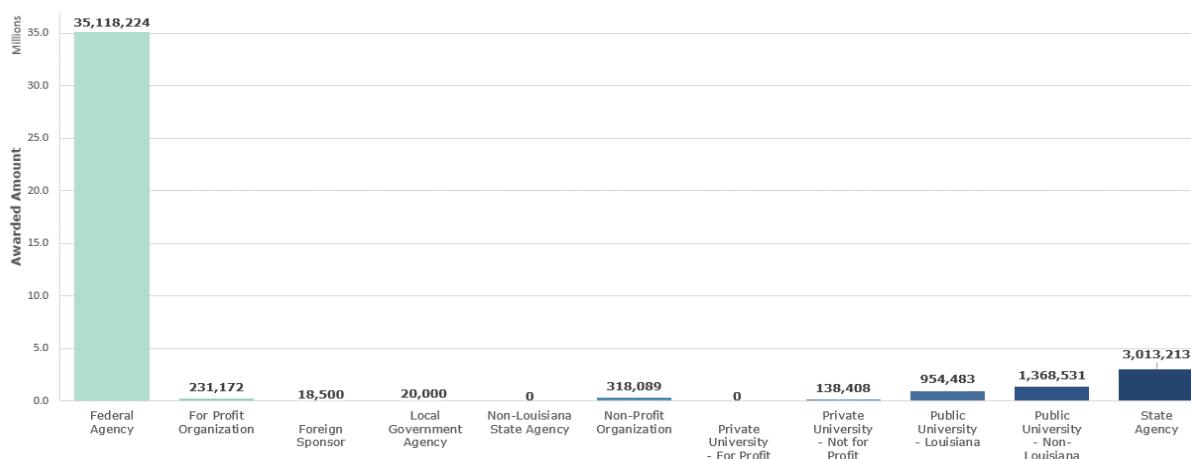
SUMMARY

October 1, 2022 through October 31, 2022

	October 2022	July - October 2022
Proposals Submitted by OSP	146	\$ 60,589,458
Awards Budgeted by SPA	95	\$ 41,180,620
Expenditures	--	\$ 49,893,854

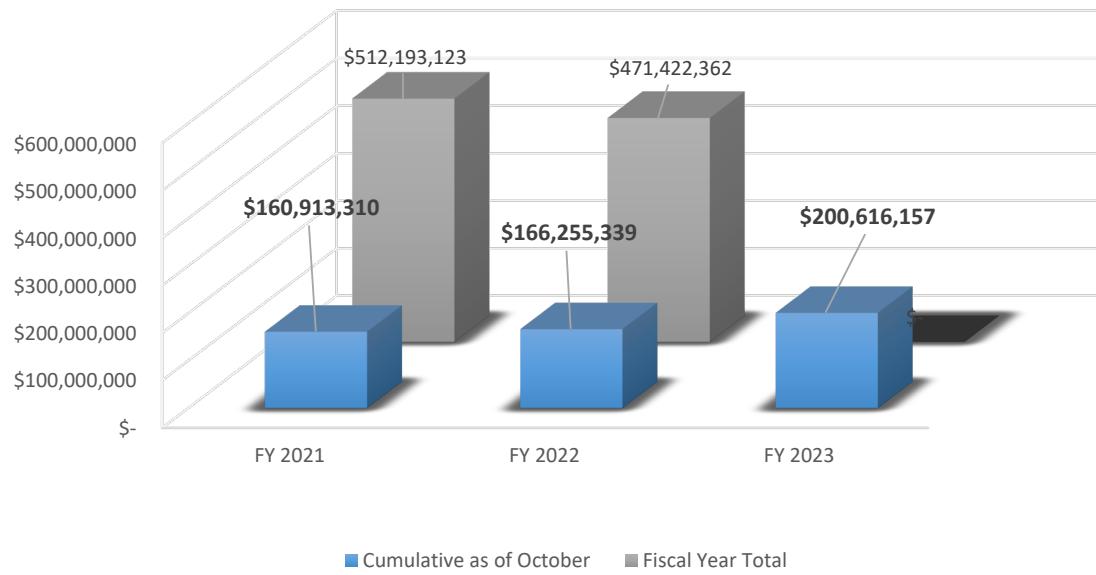
Awards by Sponsor October 2022

Sponsor Type	Number of Awards	Awarded Amount
Federal Agency	36	\$ 35,118,224
For Profit Organization	7	\$ 231,172
Foreign Sponsor	3	\$ 18,500
Local Government Agency	1	\$ 20,000
Non-Louisiana State Agency	0	\$ -
Non-Profit Organization	13	\$ 318,089
Private University-For Profit	0	\$ -
Private University-Not For Profit	4	\$ 138,408
Public University-Louisiana	7	\$ 954,483
Public University-Non-Louisiana	9	\$ 1,368,531
State Agency	15	\$ 3,013,213
TOTAL	95	\$ 41,180,620



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



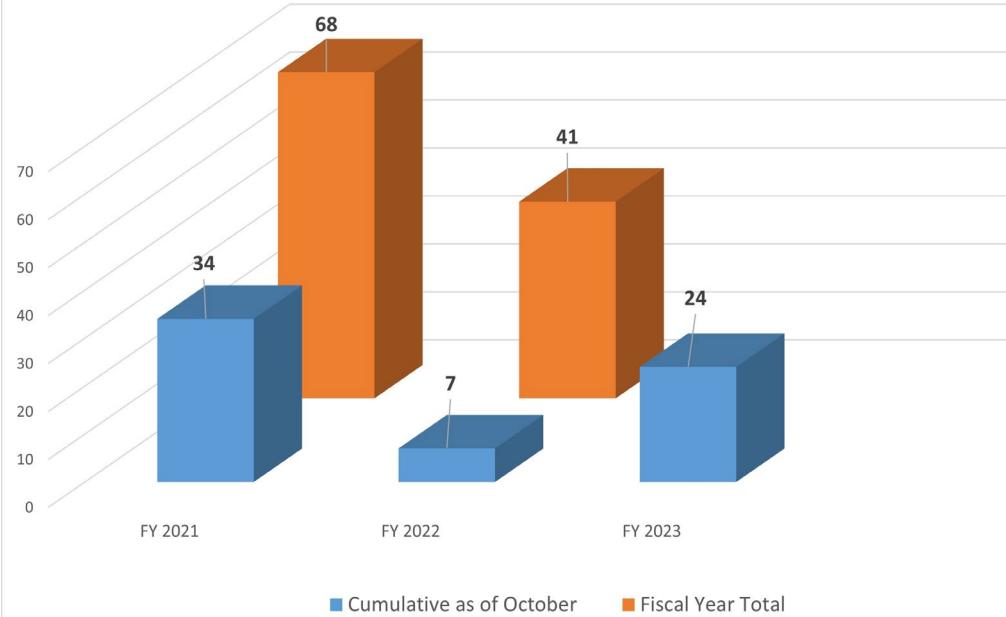
Comparison of Expenditure Data for past 3 years



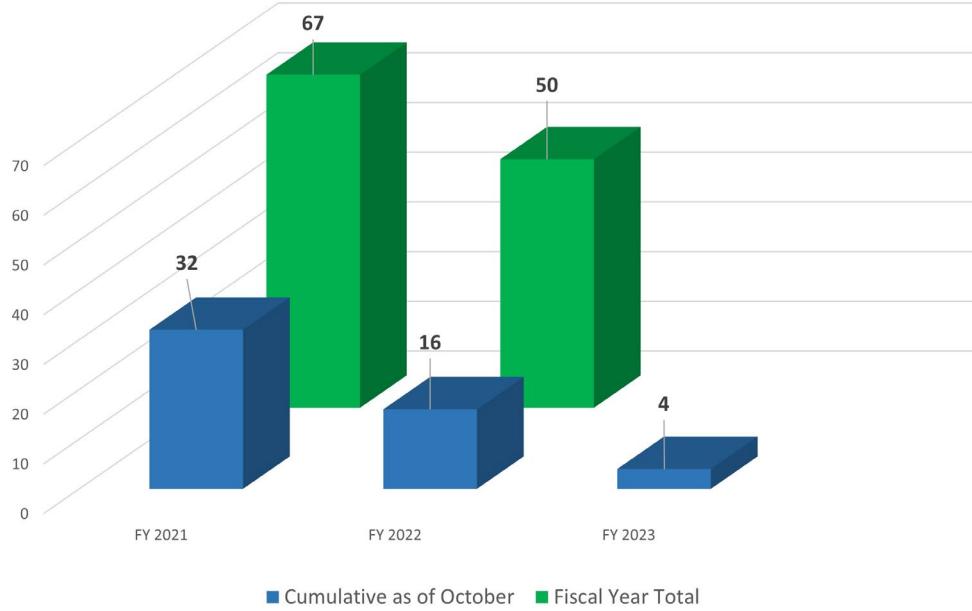
Report Footnotes: Proposal and award numbers are based off of project credit at time the report is generated.
Expenditure numbers are based off of the cost center charged at time the report is generated.

Comparison of Invention & Patent & Revenue for past 3 years

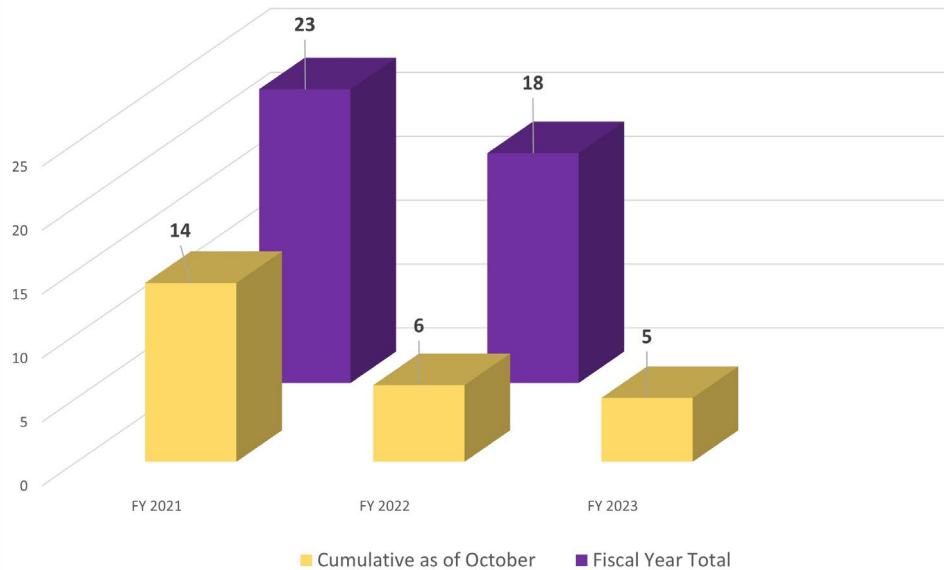
Comparison of Invention Disclosures



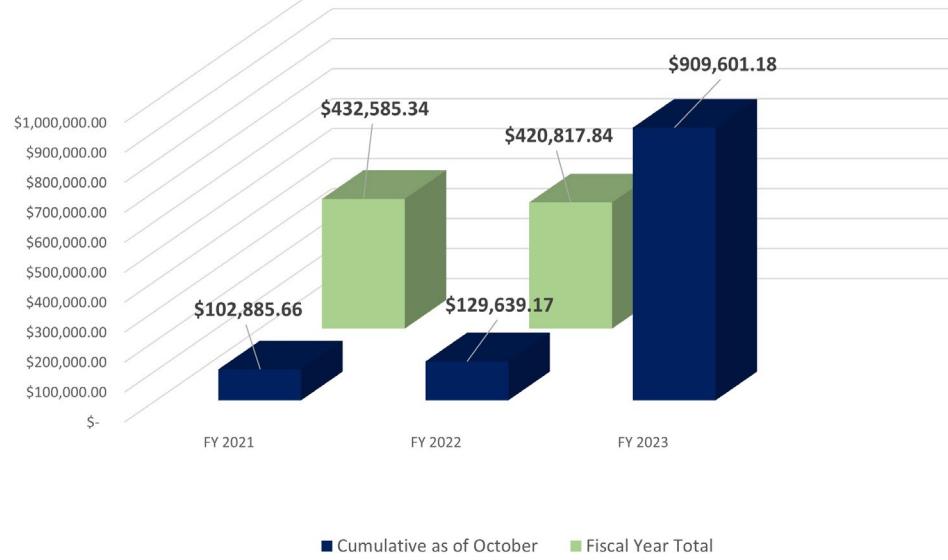
Comparison of Total U.S. Patent Applications



Comparison of Total U.S. Patents Issued



Comparison of Total Revenue for Licensing of Intellectual Property



Proposals Submitted by OSP

October 2022

Principal Investigator Co-PI(s)	Type	Agency	Title	Amount
Nikitopoulos, Dimitris	P	Lockheed Martin Corporation	Autoclave Data Extraction	\$ 6,000.00
Launey, Kristina Dim	P	Texas A&M University	CENTAUR: Nuclear Science in Service to the Nation	\$ 806,000.00
Marley, Scott T	P			
Luttrell, Karen M	P	University of Southern California (USC)	SCEC5 Research Collaboration at Louisiana State University	\$ 30,302.00
Persaud, Patricia	P			
Stanfield, Brent	P	Cincinnati Children's Hospital Medical Center	Mouse and Guinea Pig Models for Cytomegalovirus and herpes Simplex Viruses	\$ 415,360.00
Kousoulas, Konstantin	P	National Institutes of Health (NIH)	OBGYN virtual cases utilizing social determinants to enhance clinical reasoning	\$ 248,765.00
Stanfield, Brent	C			
Francis, Joseph	P	National Institutes of Health (NIH)	Personalized immunoradiotherapy for breast cancer	\$ 235,000.00
Guo, BeiBei	O			
Huang, Weishan	O			
Zhang, Rui	O			
Park, Seung-Jong	P	National Science Foundation (NSF)	Intergovernmental Personnel Act (IPA) Agreement - Seung-Jong Park	\$ 13,201.00
Verma, Lisa A	P	LA Department of Children and Family Services (DCFS)	DCFS - Child Support Enforcement 2021-2024	\$ 50,000.00
Young, David P	P	University of South Carolina	Support of PhD Student, Joanna Blawat	\$ 43,075.00
Huang, Weishan	P	National Institutes of Health (NIH)	Modulation of ITK signaling for sustainable adoptive T cell therapy	\$ 412,500.00
Moles, Aimee	P			
Burns, Andrew Robert	C	LA Department of Public Safety & Corrections	Pay for Success Initiative	\$ 149,940.00
Matthews, Austin	C			
Sinclair. Hillarv C	C			
Spivey, James Jerome	P	National Science Foundation (NSF)	NSF-GACR: Atomic nano-scale precision of bi-functional zeolites: direct aromatization of methane	\$ 413,996.00
Ding, Kunlun	C			
Benton, Michael G	P	National Science Foundation (NSF)	REU Site: Developing next generation entrepreneurs in sustainable manufacturing	\$ 474,554.00
Melvin, Adam Thomas	C			
An, Yixin	O			
Barbalata, Corina	O			
Bharti, Bhuvnesh	O			
Dooley, Kerry M	O			
Flake, John C	O			
McPeak, Kevin Michael	O			
Palardy, Genevieve	O			
Plaisance, Craig	O			
Tang, Xun	O			
Zhuang, Guangsheng	P	Geological Society of America	Understanding the impact of Tibetan Plateau rapid uplift on paleohydrology and paleoecology using compound-specific isotope analysis (CSIA) on terrestrial lipid n-alkanes preserved in marine sediments.	\$ 2,500.00
Traphagan, Julian	C			
Nevarez, Javier G	P	Recreation and Park Commission for EBR Parish (BREC)	Veterinary Services for the Baton Rouge Zoo	\$ 15,000.00
Martinez, Juan Jose	P	National Institutes of Health (NIH)	The roles of mammalian host lipid metabolic pathways on the pathogenesis of spotted fever group Rickettsia species	\$ 2,747,235.00
Beavers, William	C			
Ogundele, Olalekan M	P	National Institutes of Health (NIH)	The role of excitatory VTA projections in novelty-dependent behavior	\$ 1,826,550.00
Melvin, Adam Thomas	P	National Institutes of Health (NIH)	Ex vivo evaluation of multi-agent therapeutics targeting the ubiquitin-proteasome system	\$ 1,834,158.00
Chen, Jianhua	C			
Martin, Elizabeth C	C			
Smiley, Kevin	P	University Corporation for Atmospheric Research (UCAR)	Social Responses to Climate Change Attributed Flooding in South Louisiana	\$ 359,397.00
Beck, Melissa R	P	National Science Foundation (NSF)	Deconstructing Brain-Behavior Interplay During Mental Rotation	\$ 974,907.00
Lucas, Heather	C			
Xu, Amy	P	National Institutes of Health (NIH)	Understanding the Physicochemical Properties of Aluminum Adjuvants that Contribute to Their Adjuvanticity	\$ 401,556.00
Tan, Jiaqi	P	National Science Foundation (NSF)	Collaborative Research: Synthetic microbial consortia for organismal resilience and reproducible ecosystem services in changing environments	\$ 324,255.00
Bohnert, Adam	P	National Institutes of Health (NIH)	Function and regulation of tubular lysosomes in autophagy	\$ 1,853,685.00
Hutchinson, Cory J	P	LA Highway Safety Commission	CARTS Traffic Record Support - 2023	\$ 489,000.00

Gartia, Manas Ranjan	P	National Institutes of Health (NIH)	Spatial metabolomics with subcellular resolution to identify therapeutic targets	\$	1,825,600.00
Chakrabarty, Prosanta Silva, Gregory Thom	P C	National Science Foundation (NSF)	AccelNet-Design: CANoN: Collections Action Network of Networks: Creating Equitable Collections-Based Natural History for the 21st Century	\$	249,919.00
Dasbach, Oliver T	P	American Mathematical Society	Mathematics of Computation	\$	12,888.00
Tang, Xun	P	National Institutes of Health (NIH)	Designing a synthetic RNA-based neural network for multiple signal processing	\$	407,180.00
Jackson, Percy	P	Community Foundation for Greater Atlanta	Vote Your Voice College Grants Program	\$	13,000.00
Harrison, Cheryl	P	Johnson & Johnson	Projecting benefits and risks of proposed solar radiation management geoengineering scenarios on marine ecosystems and their services to society	\$	150,000.00
Lively, Julie Ann Maung-Douglass, Emily Dilullo, Danielle Franze, Carol D Gambill, Mahala Seibert, Dominique	P C O O O	National Oceanic and Atmospheric Administration (NOAA)	The end of the line: Leveraging technical college, community, and industry partnerships to clean up the Mississippi River	\$	1,262,156.00
Maiti, Kanchan Quirk, Tracy Rivera-Monroy, Victor White, John R	P C C C	LA Board of Regents (BOR)	Acquisition of an in situ mass spectrometer to understand natural and anthropogenic carbon sources	\$	97,363.00
Maung-Douglass, Emily Lively, Julie Ann	P O	National Oceanic and Atmospheric Administration (NOAA)	Shoreline protection and bioremediate of plastics marine debris with fly ash based green geopolymers structures	\$	1,308,077.00
Hooper-Bui, Linda M Baumgartner, Jennifer Crocce, Oliver D'Elia, Christopher George, Kevin Mitchell, Roland W Piestrzynski, Laura Richard, Erin	P C C C C O O O	National Science Foundation (NSF)	Catalytic Upcycling of Marine Plastics to Chemicals or Fuels	\$	2,050,644.00
Wang, Chen Huang, Long Lawrence, Jimmy	P C P	Google National Institutes of Health (NIH)	Collaborative Proposal: GEO-UP: Generating Environmental Opportunities in Urban Public schools	\$	858,275.00
Huang, Weishan	P	ChangYuan FuNeng (Shanghai) Life Technology Co., Ltd	Gripping Hand Verification-based Smartphone Privacy Provision	\$	105,000.00
Lopez, Mandi J Ryan, Kirk A Kopp, Gene	P P P	PetDx National Science Foundation (NSF)	Discrete Polymer-based, Metal-free MRI Contrast Agents	\$	1,821,800.00
Vourekas, Anastasios	P	National Institutes of Health (NIH)	Antiviral therapies against COVID-19	\$	46,622.00
Tu, Fang-Ting	P	National Science Foundation (NSF)	LIQUiD	\$	933,750.00
Li, Chunyan	P	Global Science & Technology, Inc. (GST)	Modular Cocycles, Explicit Class Field Theory, and Quantum Designs	\$	219,228.00
Johnston, Andrea Yang, Amanda	P O	Morris Animal Foundation	tRNA fragment - mRNA hybrids and non-canonical functions of RNase P	\$	2,364,960.00
Chancellor, Jeffery Chesal, Megan E	P C	Google	The Arithmetic Properties of Modular Forms and Hypergeometric Systems	\$	164,633.00
Chancellor, Jeffery Afshari, Nousha	P C	Google	Maintenance of the AeroNET-OC at Station C6	\$	20,306.00
Zuo, Hao Bulut, Aynur	P P	Universidad Cientifica Del Sur	Mitochondrial respiration in peripheral blood mononuclear cells from dogs with chronic liver disease	\$	149,730.00
Doering, Jonathon	P	National Science Foundation (NSF)	Physiological Scalable Phantoms and Analogs for Simulating Heavy-Ion Radiation Environments	\$	105,000.00
Guo, Shengmin Khonsari, Michael M	P C	Auburn University (AU)	Novel Numerical Model of the Interaction of Heavy-Charged Particle With Tissue Systems For Predicting the Impact to Human Health	\$	105,000.00
Lu, Rui Vourekas, Anastasios	P P	University of New Haven, Inc.	Using deep learning for determining the spallation cross-section of heavy-ion interactions in thick targets	\$	105,000.00
Marvel, Christopher	P	National Institutes of Health (NIH)	Regularity and stability for supercritical nonlinear dispersive PDE	\$	297,030.00
Doering, Jonathon	P	Universidad Cientifica Del Sur	Assessing Avian Toxicity Resulting from the La Pampilla Refinery Oil Spill in Peru	\$	5,000.00
Guo, Shengmin Khonsari, Michael M	P C	NASA Institute for Model-based Accelerated Certification (NASA IMAC)	NASA Institute for Model-based Accelerated Certification (NASA IMAC)	\$	500,000.00
Baggili, Ibrahim	P	University of New Haven, Inc.	In-Memory Object Recovery From the V8 JavaScript Engine	\$	80,491.00
Marvel, Christopher	P	Methanex	Mechanistic study of DRH-1-mediated virus sensing	\$	410,220.00
Vourekas, Anastasios	P		Literature Review of Metal Dusting Mechanisms	\$	9,999.00

Basirico, Laura M	P	Universidad Cientifica Del Sur	Assessing Avian Toxicity Resulting from the Peruvian La Pampilla Refinery Oil Spill	\$	10,000.00
Barbalata, Corina	P	National Science Foundation (NSF)	AccelNet-Design: Defining the future of marine robotics through international collaboration	\$	249,893.00
Moreno, Juana	P	National Science Foundation (NSF)	Micro-programming environments embedded in math instruction: how middle school educators can use them to support instructional practice and elucidate student understanding	\$	2,949,253.00
Alegre, Fernando	C				
Kirshner, David H	C				
Yilmaz, Zuhal	C				
Saini, Yogesh	P	National Institutes of Health (NIH)	Targeting Type-2 mucoinflammatory axis during the resolution of allergic lung inflammation	\$	3,299,301.00
Totaro, Nicholas P	P	LSU Board of Supervisors	Proof-of-Concept for Smart Sense Application Development	\$	75,000.00
Monroe, William Todd	C				
Blanchard, Leslie D	P	West Carroll Parish School Board	Proposal for Leadership Disposition Coaching for Development - West Carroll Parish Schools 22-23	\$	34,000.00
Sinclair, Hillary C	P	Mississippi State University (Miss State)	MSU Open Source Exploitation System - Year 5 (Open-Source Supply Chain Analytics Resource)	\$	54,911.00
Bharti, Bhuvnesh	P	National Science Foundation (NSF)	Collaborative Proposal: In-situ tunable competing interactions between colloids	\$	290,702.00
Feng, Jiming	P	National Institutes of Health (NIH)	Pilot study on the presence of GOLLI autoantibodies in human patients with type-1 diabetes	\$	363,600.00
Tu, Fang-Ting	P	National Security Agency (NSA)	35th Automorphic Forms Workshop	\$	15,000.00
Rhodes, Judith	P	LA Department of Education (LDOE)	AWARE III: South Central Louisiana AWARE-Data Collection and Technical Assistance	\$	268,392.00
Murray, Gwendolyn	C				
Winchester, Elizabeth	C				
DiCarlo, Cynthia F	P	LA Board of Regents (BOR)	High School Dual Enrollment Early Childhood Ancillary Certificate Program	\$	581,250.00
Xia, Sibei	P	LA Board of Regents (BOR)	Enhance Small Business Entrepreneurship in Wearable Technology with the Support of a Thermal and Sweating Manikin	\$	200,000.00
Cameron, Bruce	C				
Chen, Ye-Sho	C				
Liu, Chuanlan	C				
Baggili, Ibrahim	P	National Science Foundation (NSF)	SaTC: EDU: Expanding Digital Forensics Education with Artifact Curation and Scalable, Accessible Artifact Exercises	\$	32,495.00
Herrmann, Achim	P	American Chemical Society	Early diagenesis and preservation of organic matter in carbonate sediments	\$	110,000.00
Birch, Traci	P	University of Oklahoma (OU)	An Action Plan for Cultural Resource Adaptation and Funding	\$	109,616.00
Calamia, Matthew Ray	P	Arizona State University (ASU)	Developing a motor test as an equitable approach to screening Hispanic/Latino older adults for preclinical Alzheimer's disease	\$	135,435.00
Miller, Paul	P	University of Oklahoma (OU)	A fresh set of tools: New information for managing fisheries during changes in river discharge	\$	285,562.00
Dance, Michael	C				
Midway, Stephen R	C				
White, John R	C				
Farasat, Mehdi	P	LA Board of Regents (BOR)	Building a smart city testbed for research and education on connected and autonomous electric vehicles	\$	199,740.00
Meng, Xiangyu	P				
Barbalata, Corina	C				
de Queiroz, Marcio	C				
Hassan, Hany	C				
Zhu, Yimin	C				
Rhodes, Judith	P	LA Department of Education (LDOE)	AWARE III - South Central Louisiana AWARE - School MH Support and Infrastructure Development	\$	265,348.00
Long, Anna C	C				
Murray, Gwendolyn	C				
Thrasher, Shawndava	C				
Chen, Shengli	P	American Chemical Society	Effects of fluid pressurization rate and injection section length on hydraulic fracturing breakdown pressure: experimental study and theoretical analysis	\$	110,000.00
Olorode, Femi	C				
Christie, Kofi Shoma	P	American Chemical Society	Fundamental Mechanisms of Organic Matter-Gypsum Interactions in Produced Water	\$	110,000.00
Roy, Amitava	P	LA Board of Regents (BOR)	Micro-X-ray Absorption Spectroscopy and Operando X-Ray Diffractometry with Synchrotron Radiation	\$	104,689.00
Sprunger, Phillip	C				
Bivins, Aaron	P	LSU Pennington Biomedical Research Center (PBRC)	Wastewater surveillance of human viruses and drug abuse in rural Louisiana	\$	49,519.00
Saini, Yogesh	P	National Institutes of Health (NIH)	Myeloid-specific hypoxia signaling in pulmonary airspace infections	\$	402,118.00
Rao, Dandina N	P	American Chemical Society	Experimental Exploration of Surface and Interfacial Phenomena in Shale Rock- Crude Oil-Brine Systems	\$	110,000.00
Mason, Nicholas A	P	National Geographic Society Education Foundation	Rapid Biological Assessment of Polylepis Forest Avifauna in Huarascán National Park, Peru	\$	19,435.00
Mooney, Paul	P	LA Board of Regents (BOR)	High-Leverage Practice (HLP) Video: Board of Regents Targeted Enhancement	\$	199,604.00
DiCarlo, Cynthia F	P	LA Board of Regents (BOR)	Silver Buckshot, Not Silver Bullet: A Comprehensive Approach to Early Childhood Workforce Shortage through Research-Practice Partnerships	\$	1,051,072.00

Lee, Yong-Hwan Melvin, Adam Thomas	P C	National Institutes of Health (NIH)	Attenuated Salmonella-based delivery of fructose-2,6-bisphoaphatase or PFKFB3-shRNA as new cancer therapy	\$	400,342.00
Wang, Hao	P	LA Board of Regents (BOR)	Intelligent Resource Manager for Next-Gen Cloud Computing Systems	\$	39,990.00
Nolan, Stuart Glenn DeLong, Kristine L Hanson, Tegan M Midway, Stephen R Trenanier, Jill C Pletcher, Isaac Sosnowsky, Kristin M Mamp, Michael Eugene Stannard, Casey Rhea Vinci, Pamela P Rivera-Laos, Mario E	P C C C C P C P C	University of Oklahoma (OU)	COASTAL INDIGENOUS FISHERIES ASSESSMENT (CIFA) USING ARCHAEOLOGICAL AND ECOLOGICAL PERSPECTIVES	\$	404,953.00
Tang, Xun	P	LA Board of Regents (BOR)	Integration - Building LSU's Film/TV program to prepare students for the entertainment Industry	\$	338,945.00
Guerrero-Plata, Maria	P	National Institutes of Health (NIH)	Fashion and Textile Artifact Acquisition and Storage	\$	199,079.00
Smiley, Kevin	P	LA Board of Regents (BOR)	Enhancement of the LSU Textile and Costume Museum		
Guerrero-Plata, Maria		National Institutes of Health (NIH)	A new multi-flow liquid chromatography system for state-of-the-art LC-MS/MS proteomics research	\$	94,093.00
Ikuma, Laura H Nahmens, Isabelina Steele, Adrienne M Haber, Louis H		National Science Foundation (NSF)	Deciphering the effects of transcriptional and translational regulations for robust RNA-based gene circuits construction	\$	582,111.00
Wilson, Carol	P	LA Board of Regents (BOR)	Regulation of Antiviral Response by Pneumovirus Infection	\$	402,810.00
Terrell, Milton D		Loren C Scott & Associates, Inc.	Understanding Governance Challenges from Climate Change and Extreme Weather Events in South Louisiana	\$	20,000.00
McPeak, Kevin Michael Bharti, Bhuvnesh Butler, Leslie G Flake, John C Gartia, Manas Ranjan Ngabonziza, Prosper Park, Kidong Park, Sungsook		LA Board of Regents (BOR)	Regulatory Mechanisms of Respiratory Syncytial Virus-Induced Disease	\$	402,810.00
De Jesus Crespo, Rebeca Douthat, Thomas		Pennsylvania State University	NSF INCLUDES DDLP: Improving STEM Pathways through Mentoring in Tribal Colleges and Universities	\$	599,209.00
Zhou, Xiangwei Guo, Shengmin Kargarian Marvasti, Amin Kazemian, Ali Naraghi-Pour, Morteza Wang, Chen Wang, Hao Wei, Shuangqing Wu, Hsiao-Chun Yan, Yihua		LSU Pennington Biomedical Research Center (PBRC)	Photoactivated Nanovehicles for Spatiotemporal Control of siRNA Therapeutics	\$	724,825.00
Allison, Jesse Tagge		LA Board of Regents (BOR)	Feasibility of a Telerehabilitation Program to Enhance Life Participation in African American Persons with Aphasia	\$	97,804.00
De Jesus Crespo, Rebeca Douthat, Thomas		University of Southern Mississippi	Improving coastal restoration research and education capabilities through the acquisition of state-of-the-art Cryostat Coolers for gamma spectroscopy	\$	147,624.00
Terrell, Milton D		Loren C Scott & Associates, Inc.	2022 Louisiana State Fair Survey	\$	7,500.00
McPeak, Kevin Michael Bharti, Bhuvnesh Butler, Leslie G Flake, John C Gartia, Manas Ranjan Ngabonziza, Prosper Park, Kidong Park, Sungsook		LA Board of Regents (BOR)	Plasma Enhanced Chemical Vapor Deposition for Research and Education at Louisiana State University	\$	185,503.00
Daigle, Melissa T		University of Southern Mississippi	Facilitator Training for the Coastal Community Resilience Index	\$	46,492.00
Zhou, Xiangwei Guo, Shengmin Kargarian Marvasti, Amin Kazemian, Ali Naraghi-Pour, Morteza Wang, Chen Wang, Hao Wei, Shuangqing Wu, Hsiao-Chun Yan, Yihua		LA Board of Regents (BOR)	DISES: Human mosquito interactions: Quantifying dynamics across socio-economic and ecological gradients in the Caribbean	\$	346,197.00
Allison, Jesse Tagge		Amazon.com, Inc	5G Broadband Wireless Access Testbed for Mobile Edge Computing Enabled Research, Education and Public Services	\$	200,000.00
Krause, John Jason		Battelle (Pacific Northwest National Laboratory-PNNL)	Automatic Soundscape and Sound Design for Audio Books	\$	64,340.00
Krause, John Jason		Battelle (Pacific Northwest National Laboratory-PNNL)	Cross-Border Infectious Disease Preparedness Training for Egypt at CYCLOPS in Cyprus	\$	40,895.00
Upton, Gregory Brian		National Network of Public Health Institutes, Inc.	Cross-Border Infectious Disease Preparedness Training and Cross-Border Infectious Disease Preparedness Training for Yemen in Egypt	\$	60,004.00
Khonsari, Michael M	P	Trane Technologies	Environmental Justice Thriving Communities Technical Assistance Center	\$	41,812.00
			Grease Degradation Factor and Life Estimation	\$	49,999.00

Park, Kidong	P	LA Board of Regents (BOR)	Validation of Hollow Microcarrier mass-produced by R2R process	\$	40,000.00
Gartia, Manas Ranjan	P	National Institutes of Health (NIH)	Mapping lipid metabolism with single cell resolution in	\$	435,636.00
Ogundele, Olalekan M	C		Alzheimer's Disease		
Kim, Yong-ha	P	Nuclear Regulatory Commission (NRC)	LSU Nuclear Multidisciplinary Fellowship Program	\$	400,000.00
Gartia, Manas Ranjan	C				
Upton, Gregory Brian	C				
Wang, Wei-Hsung	C				
Olorode, Femi	P	LA Board of Regents (BOR)	A Coupled Flow and Fracture Propagation Simulator for Fractured Tight Rocks	\$	197,431.00
Jung, Jangwook	P	National Institutes of Health (NIH)	Promoting Angiogenesis by Antioxidant, Oxygen-Generating Polyphenolic Biomaterials for Diabetic Wound Healing	\$	465,016.00
Bart, Philip J	P	National Science Foundation (NSF)	Late Holocene grounding line retreat and re-advance at the Ross Sea Siple Coast: a paleo perspective on the present-day WAIS retreat and upwelling of Circumpolar Deep Waters	\$	704,272.00
Benfield, Mark C	P	Battelle (Pacific Northwest National Laboratory-PNNL)	Field Measurement of Waterborne Plastics in the Mississippi River in Support of the WaterPACT Project	\$	109,968.00
Lee, Yongcheol	P	LA Board of Regents (BOR)	A Disaster Risk and Resilience Measurement System for Disaster-Prone Buildings	\$	40,000.00
Gupta, Ipsita	P	University of Oklahoma (OU)	Investigating the Prospect for Long-term Geostorage of Hydrogen in Oklahoma: A First Step Towards National Adoption of Geostorage	\$	263,905.00
Xue, Zuo	P	University of Colorado, Boulder	Coastal Coupling of Ocean Nutrient Dynamics with Upstream Inundation of Terrestrial Sources	\$	304,589.00
Keim, Barry David	P	University of Oklahoma (OU)	South Central Environmental Justice Support Network	\$	1,249,461.00
Brown, Vincent	C				
Kazemian, Ali	P	LA Board of Regents (BOR)	Towards Sustainable Robotic Construction: Concrete 3D Printing with Quarry By-products and Low Portland Cement Content	\$	230,000.00
Berryman, Charles W	C				
Wang, Hao	P	LA Board of Regents (BOR)	Developing Serverless Computing Platforms over Heterogeneous HPC and Cloud Computing Resources for Louisiana Industries	\$	330,000.00
Park, Seung-Jong	C				
Chen, Yuanhang	P	LA Board of Regents (BOR)	Full-Scale Spatio-Temporal Cement Displacement Modeling and Monitoring for Carbon Storage Integrity Assurance	\$	279,600.00
Sharma, Jyotsna	C				
Chen, Shengli	P	LA Board of Regents (BOR)	Impacts of plasticity and anisotropic poroelasticity on wellbore stability during drilling operations in non-hydrostatic stress field	\$	237,409.00
Spencer, James	P	LA Board of Regents (BOR)	Board of Regents Graduate Fellow Program 2023-2026	\$	142,500.00
Mitchell, Roland W	C				
Wang, Fahui	C				
Wicks, Carol M	C				
Williams, Tvrslai M	C				
Krause, John Jason	P	The Critical Mass (TCM)	Enhanced Interoperability of GOI/KRI Units and Airport Officials to Effectively Respond to and Prevent CBW Incidents	\$	349,486.00
Kurtz, Richard L	P	National Science Foundation (NSF)	Equipment: Helium Recovery Equipment for LSU to Leverage the Physics Department Liquifier	\$	422,075.00
Adams, Philip W	C				
Cook, Robert L	C				
Macnaughtan, Megan A	C				
Weldeghiorehi, Thomas	C				
Rao, Dandina N	P	LA Board of Regents (BOR)	Converting Orphan Wells in Louisiana into Carbon-Neutral Production Wells	\$	271,000.00
Kim, Cana	P	Princeton University	Foreign State Images and Popular Constraints on Foreign Policy	\$	11,978.00
Sullivan, Christopher	P				
Lee, Semin	P	National Science Foundation (NSF)	Accessing Mechanically Interlocked Molecules and Conjugated Polyrotaxanes Using Alkyne Metathesis	\$	499,716.00
Allison, Jesse Tagge	P	LA Board of Regents (BOR)	Immersive Sound in XR Studio Production	\$	151,297.00
Beck, Stephen D	C				
Bharti, Bhuvnesh	P	National Science Foundation (NSF)	Understanding the role of environmental stresses on the formation and properties of microplastics	\$	568,765.00
Benton, Michael G	C				
Valsaraj, Kalliat T	C				
Arbuthnot, Keena	P	National Science Foundation (NSF)	NSF INCLUDES: Collaborative Change Consortia: Undergraduate Research Mentoring of Black American HBCU Students in Preparation for Inclusion in Environmental Science Ph.D Programs	\$	5,000,000.00
Johnson, Crystal N	O				
Williams, Tvrslai M	O				
Garno, Jayne C	P	National Science Foundation (NSF)	Practical Redesign of Multifunctional Core-Shell Nanoparticles Based on Strategies with Covalent Binding of Organic Coatings	\$	509,367.00
Ragains, Justin R	C				

Tsai, Frank Tsung-Chen	P	University of Memphis	Comprehensive framework for designing and operating enhanced aquifer recharge strategies for subsurface distribution of irrigation water in different geological settings	\$	300,000.00
Esselstyn, Jacob A	P	Mohamed bin Zayed Species	Shrew Distributions on a Mountainous Southeast Asian Island	\$	5,000.00
Chipps, Austin	C	Conservation Fund			
Maruska, Karen P	P	LA Board of Regents (BOR)	Hormone-mediated muscle plasticity to facilitate extreme parental care in a mouthbrooding cichlid fish	\$	20,000.00
George, Kevin	P	LA Department of Education (LDOE)	Louisiana Education Excellence Fund (EEF) - ULAB, 2022-2023	\$	61,908
					\$ 60,589,458.00

Awards Budgeted by SPA

October 2022

Award ID	Principal Investigator Co- PI(s)	Type	Award Name	Agency	New	Continuing	Total
AWD-000549	O'Brien, David Borue	P	LSUAM Louisiana Notary Exam	Office of the Secretary of State of Louisiana	\$ -	\$ 51,085.00	\$ 51,085.00
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	\$ -	\$ 59,454.00	\$ 59,454.00
AWD-001791	Cavell, J Anthony Osborne, Randy L Voyiadjis, George Z	C C P	LSUAM LSU Support of Regional Geospatial Modeling	University of Southern Mississippi 03	\$ -	\$ 589,865.00	\$ 589,865.00
AWD-001975	Winwood, David	P	LSUAM CS LSU Innovation Park Roadway Access	LA Dept of Economic Development 03	\$ -	\$ (406,075.00)	\$ (406,075.00)
AWD-002660	Hirschheim, Rudolf a Ramanujam, Jagannathan Van Scotter, James R Mahmoud, Anas Sun, Mingxuan Richard Golden G III	A A A C C P	LSUAM SFS: Applied Cybersecurity Training	National Science Foundation (NSF)	\$ -	\$ 105,732.00	\$ 105,732.00
AWD-002680	Kirshner, David H Neubrander, Frank M Moreno, Juana	C C P	LSUAM A Modern Approach to the Investigation of Programming and Mathematics	US Department of Education 02	\$ -	\$ 1,689,176.00	\$ 1,689,176.00
AWD-002794	Sones, Jennifer Liford	P	LSUAM Metabolic Basis of Disease: The Role of Maternal Obesity-driven Inflammation and Adverse Pregnancy Outcomes in a Mouse Model of Preeclampsia	Pennington Biomedical Research Center 02	\$ -	\$ 222,000.00	\$ 222,000.00
AWD-002864	Spielmann, Guillaume	P	LSUAM Characterizing the Baselines of Sleep Quality, Cognitive Performance, Immune Function and Intracranial Fluids for Deep Space Expeditions	The General Hospital Corp dba: Massachusetts General Hospital	\$ -	\$ 3,000.00	\$ 3,000.00
AWD-002988	Fava, Colleen Helen Guzik, T Gregory	C P	LSUAM 2020 LaSPACE: Advancing the NASA Mission in Louisiana	NASA-Stennis Space Center	\$ 60,000.00	\$ -	\$ 60,000.00
AWD-002995	Wylie, Kathleen Bardy	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	\$ 356,689.00	\$ -	\$ 356,689.00
AWD-003233	Callam, Brian Randall	P	LSUAM Transforming shellfish farming with smart technology and management practices for sustainable production	University of Maryland	\$ -	\$ 112,429.00	\$ 112,429.00
AWD-003239	Marley, Scott T	P	LSUAM Investigating the Structure and Decay of Unstable Nuclei	US Department of Energy (DOE)	\$ -	\$ 140,000.00	\$ 140,000.00
AWD-003252	Leger, Lonnie	P	LSUAM LONI Operations FY's 21-23	LA Board of Regents 01	\$ -	\$ 1,184,544.00	\$ 1,184,544.00
AWD-003326	Fava, Colleen Helen Guzik, T Gregory	C P	LSUAM Scientific and Technical Management for the "SAFE Oyster" FY20 Research Project	LA Board of Regents 02	\$ -	\$ 40,000.00	\$ 40,000.00
AWD-003348	Wylie, Kathleen Bardy	P	LSUAM Department of Homeland Security Office of Inspector General (DHS-OIG) Non-Disaster and Disaster Hotline Service	US Department of Homeland Security- Office of Inspector General	\$ -	\$ 516,151.00	\$ 516,151.00
AWD-003509	Keller, Roy	P	LSUAM LED LTTO Proposal	LA Dept of Economic Development 03	\$ 150,000.00	\$ -	\$ 150,000.00
AWD-003525	Chancellor, Jeffery	P	LSUAM Using Human Stem-Cell Derived Vascular, Neural and Cardiac 3D Tissues to Determine Countermeasures for Radiation/RAD0102	Baylor College of Medicine 01	\$ -	\$ 5,802.00	\$ 5,802.00

AWD-003799	Cassidy, Jane W Rizzuto, Tracey Ellen	C P	LSUAM External Review Letters in Promotion and Tenure Decision Making: Validity and Fairness	University of Houston 02	\$	-	\$	32,564.00	\$	32,564.00
AWD-003819	Waltrich, Paulo	P	LSUAM Signatures of Kicks to Inform Drilling, Operations, and Safety	Leidos Inc.	\$	24,000.00	\$	-	\$	24,000.00
AWD-003862	Lee, Natasha Marie Scott, Jennifer L	C P	LSUAM Health Policy Research Scholars Cohort Five - 2021	Robert Wood Johnson Foundation (RWJF)	\$	-	\$	31,000.00	\$	31,000.00
AWD-003891	Keller, Roy	P	LSUAM Federal and State Technology Partnership Program FY 2021	US Small Business Administration 04	\$	125,000.00	\$	-	\$	125,000.00
AWD-003894	Melvin, Adam Thomas Martin, Elizabeth Carol	C P	LSUAM Evaluating How Fluid Shear Stress Alters Estrogen Receptor Phenotype in Metastatic Breast Cancer	NIH-National Cancer Institute	\$	-	\$	70,136.00	\$	70,136.00
AWD-003922	Mitchell, Brant Dylan	P	LSUAM STC-LSU IWA FY22-001-CESER	Stephenson Technologies Corporation (STC) 02	\$	1,100.00	\$	-	\$	1,100.00
AWD-003952	Gupta, Ipsita Kees, Christopher Snow, Samuel David Tsai, Frank Tsung-Chen	C C C P	LSUAM Louisiana Water Resources Research Institute 104B	US Department of Interior-USGS 03	\$	-	\$	133,771.00	\$	133,771.00
AWD-003955	Moles, Aimee Rhodes, Judith	C P	LSUAM AWARE: LA School Mental Health Support Program - Data Collection	LA Dept of Education 19	\$	-	\$	211,367.00	\$	211,367.00
AWD-003978	Romagnoli, Jose A Kumar, Revati	C P	LSUAM Bridging the length scales in ionic separations via data-driven machine learning	US Department of Energy (DOE)	\$	-	\$	500,000.00	\$	500,000.00
AWD-004030	Seibert, Dominique Lively, Julie Ann	C P	LSUAM Extending Our Reach: A multi-state collaborative approach to reef fisheries Extension	Mississippi State University 03	\$	-	\$	39,031.00	\$	39,031.00
AWD-004110	Holstein, Daniel Dance, Michael	C P	LSUAM Habitat requirements and ecosystem connectivity of reef-associated fishes in the Gulf of Mexico	Texas A&M University-Galveston 01	\$	-	\$	78,064.00	\$	78,064.00
AWD-004177	Sprung, Phillip	P	LSUAM In-situ synchrotron characterization of levitated aerospace alloys under dynamic processes for optimization of advanced manufacturing methods (See AWD-004802)	University of Louisiana at Lafayette (ULL) 02	\$	(23,440.00)	\$	-	\$	(23,440.00)
AWD-004192	Garden, Oliver	P	LSUAM Immune tolerance induction by AAV-FVIII gene therapy for canine hemophilia A with inhibitors	The Children's Hospital of Philadelphia	\$	-	\$	18,684.00	\$	18,684.00
AWD-004196	D'Sa, Eurico J	P	LSUAM Characterizing two decades of environmental and climate impacts on a river-dominated coastal ecosystem using ocean color biogeochemical indicators	NASA-Goddard Space Flight Center 03	\$	-	\$	183,632.00	\$	183,632.00
AWD-004212	Laws, Edward A Benfield, Mark C	C P	LSUAM Advancing innovative convergence between fisheries and offshore energy to drive adaptive stewardship of fisheries habitat in a dynamic blue economy	Blue Latitudes, LLC	\$	-	\$	2.00	\$	2.00
AWD-004291	Moldovan, Dorel Park, Sungook	C P	LSUAM Biotechnology Resource Center for BioModular Multi-scale Systems (CBM2) for Precision Medicine	University of Kansas Center for Research, Inc. 01	\$	-	\$	211,538.00	\$	211,538.00
AWD-004304	Murphy, Michael C	P	LSUAM Biotechnology Resource Center for BioModular Multi-scale Systems (CBM2) for Precision Medicine	University of Kansas Center for Research, Inc. 01	\$	-	\$	146,773.00	\$	146,773.00
AWD-004334	Huang, Weishan Peng, Lu	C P	LSUAM Detection and Automatic Privacy-Protected Contact Tracing System Designed for COVID-19 (Year 2)	NIH-National Institute on Alcohol Abuse & Alcoholism	\$	487,538.00	\$	-	\$	487,538.00

AWD-004526	Franze, Carol D Maung-Douglass, Emily Suzanne Seibert, Dominique Bethel, Matthew Byron Callam, Brian Randall Pace, Niki LeAnnette Scott, Jennifer L Bethel, Matthew Byron Daigle, Melissa Trosclair Lively, Julie Ann	A A A C C C C P P P P	LSUAM Louisiana Sea Grant Omnibus Proposal 2022 - 2023	US Department of Commerce-NOAA 05	\$ 271,005.00	\$ -	\$ -	\$ 271,005.00
AWD-004530	Magana-Loaiza, Omar	P	LSUAM Quantum Control of Multiphoton Dynamics using Light- Matter Interactions in Nanoscale Systems	US Army - Army Contracting Command - APG - RTP 05	\$ -	\$ 80,382.00	\$ -	\$ 80,382.00
AWD-004653	Justic, Dubravko Mariotti, Giulio Huang, Haosheng	C C P	LSUAM EAR-Climate: Collaborative Research: Methane Dynamics Across Microbe-to- Landscape Scales in Coastal Wetlands	National Science Foundation (NSF)	\$ 174,982.00	\$ -	\$ -	\$ 174,982.00
AWD-004684	Liang, Junhong	P	LSUAM Collaborative Research: Investigating Bubble-Mediated Gas Exchange in a Strongly Convective Environment	National Science Foundation (NSF)	\$ 323,283.00	\$ -	\$ -	\$ 323,283.00
AWD-004691	Dooley, Kerry M Dorman, James	C P	LSUAM Collaborative Research: The role of oxide overlayers on adsorbate migration and metal sintering in reactions of CO ₂	National Science Foundation (NSF)	\$ 302,316.00	\$ -	\$ -	\$ 302,316.00
AWD-004742	Harrison, Cheryl	P	LSUAM Collaborative Research: GCR: Generating Actionable Research to Investigate Combined Climate Intervention Strategies for Stakeholder Use	National Science Foundation (NSF)	\$ 224,915.00	\$ -	\$ -	\$ 224,915.00
AWD-004743	Hassan, Hany	P	LSUAM Development of Statewide Design Guidelines for Improving Pedestrian Safety on High-Speed Arterials in Louisiana	LA Transportation Research Center (LTRC)	\$ 175,000.00	\$ -	\$ -	\$ 175,000.00
AWD-004774	Jeong, Shinhee Qian, Yufeng Webb, Andrew Zhu, Yimin Jafari, Amirhosein	C C C C P	LSUAM FW-HTF-P: Fostering Transferable Skills for Future-Ready Extraterrestrial Construction Workforce via an Intelligent- Immersive Training Environment	National Science Foundation (NSF)	\$ 149,987.00	\$ -	\$ -	\$ 149,987.00
AWD-004777	Kartika, Rendy Gregory	P	LSUAM 2022/2023 Astronaut Scholarship Foundation Program (Cale Locicero)	Astronaut Scholarship Foundation (ASF)	\$ 3,861.00	\$ -	\$ -	\$ 3,861.00
AWD-004778	Xu, Amy	P	LSUAM Dilution-induced complex coacervation as a robust, environmentally friendly surface treatment approach to cellulose materials	US Department of Agriculture-NIFA 02	\$ 300,000.00	\$ -	\$ -	\$ 300,000.00
AWD-004779	Armbrust, Kevin Lawrence	P	LSUAM Technical Support Services for Low Sulfur Fuel Oils Responder Fact Sheet	Research Planning, Inc. (RPI) 01	\$ 15,576.00	\$ -	\$ -	\$ 15,576.00
AWD-004781	Lane, Elizabeth	P	LSUAM Running for Justice? Understanding Women's Path to Prosecutorial and Judicial Office	American Political Science Association (APSA)	\$ 2,250.00	\$ -	\$ -	\$ 2,250.00
AWD-004783	Martin, Elizabeth Carol	P	LSUAM 2022/2023 Astronaut Scholarship Foundation Program (Rachel Coates)	Astronaut Scholarship Foundation (ASF)	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00
AWD-004784	Lively, Julie Ann	P	LSUAM Artificial Reef Research Assistance Program (ARRAP)	LA Dept of Wildlife & Fisheries 40	\$ 69,000.00	\$ -	\$ -	\$ 69,000.00
AWD-004785	Winter, Ty Whitney	P	LSUAM FBI.gov 2022 - Year 15	Federal Bureau of Investigation 02	\$ 160,246.00	\$ -	\$ -	\$ 160,246.00
AWD-004789	Rivas, Fatima	P	LSUAM Elucidating the mode of action of the abietanes to develop potential therapeutic agents	NIH-National Institute of General Medical Sciences (NIGMS)	\$ 411,836.00	\$ -	\$ -	\$ 411,836.00

AWD-004790	Hutchinson, Cory John Mukhopadhyay, Supratik Schneider, Helmut	C C P	LSUAM FY2022 HP-CMV Grant Program	US Department of Transportation - Federal Motor Carrier Safety Administration (FMCSA)	\$ 950,003.00	\$ -	\$ 950,003.00
AWD-004792	Cronin, James T	P	LSUAM Roseau Cane Die-Back: Multidisciplinary approaches to address plant decline and opportunities for restoration	LSU Ag Center 05	\$ 236,340.00	\$ -	\$ 236,340.00
AWD-004793	Konsoer, Kory Matthew Hiatt, Matthew	C P	LSUAM Roseau Cane Die-Back: Multidisciplinary approaches to address plant decline and opportunities for restoration: Field measurements of overbank flooding	LSU Ag Center 05	\$ 124,604.00	\$ -	\$ 124,604.00
AWD-004794	Quirk, Tracy	P	LSUAM Roseau Cane Die-Back: Multidisciplinary: Tipping Points and Intraspecific Variation in Roseau Cane Salinity and Flooding Tolerance	LSU Ag Center 05	\$ 213,209.00	\$ -	\$ 213,209.00
AWD-004795	Meng, Xuelian	P	LSUAM Roseau Cane Die-Back: Multidisciplinary approaches to address plant decline and opportunities for restoration	LSU Ag Center 05	\$ 158,330.00	\$ -	\$ 158,330.00
AWD-004797	Franzen, Sarah Puka, Tagimamao Melanie Colten, Craig E	C C P	LSUAM Navigating Tokelau's Diasporic Imaginaries	The Society of Woman Geographers (SWG)	\$ 12,000.00	\$ -	\$ 12,000.00
AWD-004798	Krause, John Jason	P	LSUAM LSU Support for FY22 CTR Threat Reduction Activities	US Department of State	\$ 230,060.00	\$ -	\$ 230,060.00
AWD-004799	Flake, John C Thompson, Karsten E	C	LSUAM H2theFuture: A Transformative Energy Cluster Strategy to Decarbonize the South Louisiana Industrial Corridor (LSU Construction)	US Department of Commerce-Economic Development Administration (EDDA) 02	\$ 2,400,000.00	\$ -	\$ 2,400,000.00
AWD-004800	Khonsari, Michael M	P	LSUAM Investigation of Fatigue Fracture Entropy (FFE) for Discontinuous Fiber Reinforced Polymers	Trane Technologies	\$ 49,994.00	\$ -	\$ 49,994.00
AWD-004801	Doran, Peter	P	LSUAM NAICAN 8: Oceans Across Space and Time	Cornell University 02	\$ 95,962.00	\$ -	\$ 95,962.00
AWD-004802	Sprungler, Phillip	P	LSUAM In-situ synchrotron characterization of levitated aerospace alloys under dynamic processes for optimization of advanced manufacturing methods	University of Louisiana at Lafayette (ULL) 02	\$ 23,440.00	\$ -	\$ 23,440.00
AWD-004803	George, Kevin	P	LSUAM No More Red Ink at Louisiana University Lab School 22-23	LA Dept of Education 18	\$ 7,916.00	\$ -	\$ 7,916.00
AWD-004805	Bart, Sophie A	P	LSUAM Acquisition of Goods and Services	US Department of Agriculture-ARS 25	\$ 5,400.00	\$ -	\$ 5,400.00
AWD-004806	Clayton, Jeffrey C	P	LSUAM Shocks and expanding ejecta in Supernova 1987A	Space Telescope Science Institute (STScI)	\$ 9,762.00	\$ -	\$ 9,762.00
AWD-004807	Cox, Christopher Haebig, Eileen	A P	LSUAM Retrieval-Based Word Learning in Autism Spectrum Disorder (NIH)	NIH-National Institute on Deafness & Other Communication Disorders	\$ 178,596.00	\$ -	\$ 178,596.00
AWD-004808	Palardy, Genevieve Barbalata, Corina	C P	LSUAM On-line thermally informed framework for high-accuracy robotic 3D printing of thermosets	LA Board of Regents 11	\$ 39,416.00	\$ -	\$ 39,416.00
AWD-004809	Blanchard, Leslie Davis	P	LSUAM Proposal for Leadership Disposition Coaching for Development - Iberville Parish Schools 22-23	Iberville Parish School System 06	\$ 20,000.00	\$ -	\$ 20,000.00
AWD-004810	Blanchard, Leslie Davis	P	LSUAM Proposal for Leadership Disposition Development Coaching - South Baton Rouge Charter Academy 2022-2023	South Louisiana Charter Foundation, Inc. 01	\$ 9,000.00	\$ -	\$ 9,000.00

AWD-004811	Oetting, Janna B	P	LSUAM Pediatric HIV/AIDS Cohort Study (PHACS): 2022	Harvard T.H. Chan School of Public Health 03	\$ 18,824.00	\$ -	\$ 18,824.00
AWD-004812	Mahmoudi, Ali	P	LSUAM Thermodynamic Framework for Additively Manufactured (AM) components subjected to fatigue	LA Board of Regents 11	\$ 6,500.00	\$ -	\$ 6,500.00
AWD-004813	Mahmoudi, Ali	P	LSUAM Thermodynamic Framework for Additively Manufactured (AM) components subjected to fatigue	LA Board of Regents 11	\$ 2,000.00	\$ -	\$ 2,000.00
AWD-004814	Oetting, Janna B	P	LSUAM Pediatric HIV/AIDS Cohort Study (PHACS) Data and Operations Center (DOC)	Harvard T.H. Chan School of Public Health 03	\$ 17,820.00	\$ -	\$ 17,820.00
AWD-004815	Bach, Jacqueline Goldgaber, Deborah Reams, Margaret Anne Willson, Clinton S Hooper-Bui, Linda M Dooley, Kerry M	C C C C P	LSUAM LSU NAS GRSP (Gulf Renaissance Scholar Program)	National Academy of Sciences	\$ 109,432.00	\$ -	\$ 109,432.00
AWD-004816		P	LSUAM Ammonia Oxidation Catalyst Development	Gaylord Chemical Company, LLC	\$ 6,600.00	\$ -	\$ 6,600.00
AWD-004819	Sun, Chao	P	LSUAM Improved Substation Bus Analysis Program	Entergy Services, Inc. 02	\$ 75,000.00	\$ -	\$ 75,000.00
AWD-004820	Roy, Alma Faye Balasuriya, Udeni	C P	LSUAM USDA - NIFA - NAHNL - Level 1 Support FY2022	US Department of Agriculture-NIFA 04	\$ 250,000.00	\$ -	\$ 250,000.00
AWD-004824	Mayne, Jeffrey S	P	LSUAM FY2022 Homeland Security National Training Program (HSNTP)	US Department of Homeland Security-Federal Emergency Management Agency-FEMA 02	\$ 22,000,000.00	\$ -	\$ 22,000,000.00
AWD-004829	Kumar, Revati Kuroda, Daniel	C P	LSUAM Structure and Dynamics of Solvate Ionic Liquid Electrolytes: Experiments, Modeling and Applications in Energy Storage	US Department of Energy (DOE)	\$ 261,812.00	\$ -	\$ 261,812.00
AWD-004830	Upton, Gregory Brian Jr	P	LSUAM Economic Impacts of ibV Projects in Louisiana	ibV Energy Partners LLC	\$ 60,000.00	\$ -	\$ 60,000.00
AWD-004832	Dirikolu, Levent	P	LSUAM Race Horse Testing for Louisiana State Racing Commission	LA State Racing Commission	\$ 1,450,000.00	\$ -	\$ 1,450,000.00
AWD-004833	Daigle, Melissa Trosclair Falgout, Julie Pace, Niki LeAnnette Bethel. Matthew Byron Spivey, James Jerome	C C C P	LSUAM Planning for a nature-based solutions approach to the Pointe-au-Chien Indian Tribe's climate change adaption efforts	National Academy of Sciences	\$ 100,000.00	\$ -	\$ 100,000.00
AWD-004834		P	LSUAM Intensified Alkenyl Benzenes Production via Modular Redox Dehydrogenation	North Carolina State University 08	\$ 98,813.00	\$ -	\$ 98,813.00
AWD-004839	Berryman, Charles W Wang, Chao	C P	LSUAM Pollution Prevention Project FY2023: Louisiana Partnership for Pollution Prevention and Environmental Justice through the Economy, Energy, and Environment (E3) Framework	US Environmental Protection Agency (EPA)	\$ 207,582.00	\$ -	\$ 207,582.00
AWD-004844	Owoyele, Opeoluwa Schoegl, Ingmar Michael Menon, Shyam K	C C P	LSUAM A small volume, property measurement-based, pre-screening approach for sustainable aviation fuels enabled by functional relationship development using multi-fidelity machine learning algorithms	US Department of Energy (DOE)	\$ 250,000.00	\$ -	\$ 250,000.00
AWD-004849	Leichman, Jeffrey M Leupin, Alexandre	C P	LSUAM CFFS Center of Excellence 2022 Annual Agreement	Embassy of France	\$ 3,500.00	\$ -	\$ 3,500.00
AWD-004851	Fava, Colleen Helen Guzik, T Gregory	C P	LSUAM Scientific and Technical Management for the Nanofiber Filters FY22 R3 Project	LA Board of Regents 11	\$ 10,000.00	\$ -	\$ 10,000.00
AWD-004852	Jackson, Percy	P	LSUAM Vote Your Voice College Grants Program	Community Foundation of Greater Atlanta (CFGa)	\$ 13,000.00	\$ -	\$ 13,000.00

AWD-004853	Basirico, Laura Marie	P	LSUAM Assessing Avian Toxicity Resulting from the La Pampilla Refinery Oil Spill in Peru	Universidad Cientifica del Sur	\$ 10,000.00	\$ -	\$ 10,000.00
AWD-004854	Doering, Jonathon	P	LSUAM Assessing Avian Toxicity Resulting from the La Pampilla Refinery Oil Spill in Peru - PI: Doering	Universidad Cientifica del Sur	\$ 5,000.00	\$ -	\$ 5,000.00
AWDC-000379	Wylie, Kathleen Bardy	P	LSUAM National Center for Disaster Fraud	US Department of Justice-Criminal Division	\$ -	\$ 929,571.00	\$ 929,571.00
AWDC-000642	Matthews, Bobby Lynn	P	LSUAM Pre-Assessment Notary Test	Office of the Secretary of State of Louisiana	\$ -	\$ 22,460.00	\$ 22,460.00
AWDC-001060	Wylie, Kathleen Bardy	P	LSUAM LSU Hotline Call Center	Architect of the Capitol	\$ -	\$ 2,423.00	\$ 2,423.00
AWDC-001204	Blackmon, Jeffery C Jr	C	LSUAM Structure of Nuclei Far from Stability	US Department of Energy (DOE)	\$ 436,000.00	\$ -	\$ 436,000.00
AWDC-001212	Wilson, Gemma	P	LSUAM Research in Elementary Particle Physics & Cosmic Ray Physics	US Department of Energy (DOE)	\$ -	\$ 250,000.00	\$ 250,000.00
AWDC-001215	Deibel, Catherine M	C	LSUAM Time Resolved High Harmonic Spectroscopy: a	US Department of Energy (DOE)	\$ -	\$ -	\$ -
	Tzanov, Martin Mihaylov	P	Coherently Enhanced Probe of Charge Migration				
Grand Total				\$ 33,926,059	\$ 7,254,561	\$ 41,180,620	

Comparison of Proposal Data for past 3 years

October 2022

Colleges	Cumulative as of October 2020		Cumulative as of October 2021		Cumulative as of October 2022	
	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested
Academic Affairs	1.05 \$	11,750.00	1.45 \$	27,841.79	2.60 \$	80,500
Administrative	0.40 \$	45,859.28	0.00 \$	-	0.00 \$	-
Athletics	1.00 \$	75,000.00	0.00 \$	-	0.00 \$	-
Center for Computation and Technology	2.05 \$	185,188.40	0.00 \$	-	0.00 \$	-
Center for Energy Studies	1.15 \$	544,933.87	0.50 \$	99,999.16	4.05 \$	1,801,812
Centers and Institutes	6.20 \$	931,606.27	1.50 \$	209,994.24	4.00 \$	419,231
College of Agriculture	5.55 \$	670,675.83	3.48 \$	646,919.72	8.20 \$	474,121
College of Art and Design	3.63 \$	1,288,483.00	5.33 \$	718,313.68	3.66 \$	702,425
College of Business	10.00 \$	2,199,652.18	5.10 \$	1,118,241.18	4.10 \$	602,500
College of Engineering	114.15 \$	50,796,154.19	88.19 \$	27,540,355.38	106.00 \$	37,308,229
College of Human Sciences and Education	25.50 \$	6,952,010.94	35.15 \$	11,457,681.92	31.95 \$	10,071,421
College of Humanities and Social Sciences	25.64 \$	9,379,949.06	28.65 \$	12,854,670.10	22.41 \$	9,191,508
College of Music and Dramatic Arts	3.50 \$	662,005.80	0.50 \$	19,980.16	3.75 \$	634,158
College of Science	102.56 \$	35,412,178.18	111.98 \$	44,760,546.02	95.65 \$	44,614,101
College of the Coast and Environment	38.83 \$	18,269,044.21	39.67 \$	15,998,851.87	34.43 \$	12,566,445
Continuing Education	1.00 \$	634,485.00	1.00 \$	449,999.55	3.00 \$	280,371
Graduate School	1.65 \$	372,312.75	2.90 \$	848,067.10	3.55 \$	1,585,048
Honors College					0.00 \$	-
Information Technology Services	1.00 \$	2,054,591.00	0.00 \$	-	1.00 \$	1,184,544
Libraries	1.30 \$	3,100.00	1.00 \$	32,000.00	0.00 \$	-
Louisiana Sea Grant	5.70 \$	3,813,882.78	2.20 \$	59,510.38	8.81 \$	6,234,214
LSU Online	0.00 \$	-	0.00 \$	-	0.00 \$	-
Paul M. Hebert Law Center	1.00 \$	522,363.60	1.00 \$	526,803.60	0.00 \$	-
School of Mass Communication	4.45 \$	187,529.77	1.00 \$	1,000.00	1.59 \$	3,800,343
School of Veterinary Medicine	39.75 \$	14,700,626.13	38.50 \$	19,316,744.12	38.70 \$	40,176,151
SNCsRT	17.95 \$	11,104,928.12	18.50 \$	26,511,187.48	16.55 \$	26,418,934
University College	1.00 \$	5,000.00	1.00 \$	326,427.84	1.00 \$	401,131
VP Research and Economic Development	2.00 \$	90,000.00	7.40 \$	2,730,203.60	5.00 \$	2,068,969
Total as of October	418.00 \$	160,913,310	396.00 \$	166,255,338.89	400.00 \$	200,616,157.00
Total of Fiscal Year	1296.00	\$512,193,123	1188.00 \$	471,422,362.00	--	--

Comparison of Award Data for past 3 years

October 2022

College	Cumulative as of October 2020				Cumulative as of October 2021				Cumulative as of October 2022			
	Oct - New (2020)		Oct - Continuing (2020)		Oct - New (2021)		Oct - Continuing (2021)		Oct - New (2022)		Oct - Continuing (2022)	
	Oct - New (2020)	Oct - Continuing (2020)	Oct - Total (2020)	Oct - New (2021)	Oct - Continuing (2021)	Oct - Total (2021)	Oct - New (2022)	Oct - Continuing (2022)	Oct - Total (2022)	Oct - New (2022)	Oct - Continuing (2022)	Oct - Total (2022)
Academic Affairs	\$ 164,277.00	\$ 12,290.00	\$ 176,567.00	\$ 31,358.00	\$ 90,165.00	\$ 121,523.00	\$ 1,285,731.00	\$ 90,321.00	\$ 1,376,052.00			
Administrative	\$ 118,229.00	\$ -	\$ 118,229.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Athletics	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Center for Computation and Technology	\$ 432,132.00	\$ 37,726.00	\$ 469,858.00	\$ 99,968.00	\$ -	\$ 99,968.00	\$ -	\$ 99,968.00	\$ -	\$ 99,968.00	\$ 99,968.00	
Center for Energy Studies	\$ -	\$ -	\$ -	\$ 56,383.00	\$ 163,763.00	\$ 220,146.00	\$ 138,000.00	\$ -	\$ -			\$ 138,000.00
Centers and Institutes	\$ 954,475.00	\$ 18,000.00	\$ 972,475.00	\$ 346,853.00	\$ -	\$ 346,853.00	\$ 169,740.00	\$ 4,222.00	\$ 4,222.00			\$ 173,962.00
College of Agriculture	\$ 600.00	\$ 30,000.00	\$ 30,600.00	\$ 108,591.00	\$ 30,000.00	\$ 138,591.00	\$ 66,580.00	\$ -	\$ -			\$ 66,580.00
College of Art and Design	\$ -	\$ (5,600.00)	\$ (5,600.00)	\$ 240,000.00	\$ -	\$ 240,000.00	\$ 100,570.00	\$ 200,000.00	\$ 200,000.00			\$ 300,570.00
College of Business	\$ 566,277.00	\$ 155,156.00	\$ 721,433.00	\$ 31,968.00	\$ 3,853,645.00	\$ 3,885,613.00	\$ 672,984.00	\$ 227,694.00	\$ 227,694.00			\$ 900,678.00
College of Engineering	\$ 10,469,437.00	\$ 2,118,938.00	\$ 12,588,375.00	\$ 25,259,404.00	\$ 5,972,937.00	\$ 31,232,341.00	\$ 7,921,743.00	\$ 4,890,354.00	\$ 4,890,354.00			\$ 12,812,097.00
College of Human Sciences and Education	\$ 1,318,364.00	\$ 1,961,112.00	\$ 3,279,476.00	\$ 1,283,440.00	\$ 843,019.00	\$ 2,126,459.00	\$ 4,567,588.00	\$ 1,771,383.00	\$ 1,771,383.00			\$ 6,338,971.00
College of Humanities and Social Sciences	\$ 1,195,828.00	\$ 1,059,347.00	\$ 2,255,175.00	\$ 1,024,400.00	\$ 732,085.00	\$ 1,756,485.00	\$ 2,290,278.00	\$ 555,551.00	\$ 555,551.00			\$ 2,845,829.00
College of Music and Dramatic Arts	\$ 35,389.00	\$ -	\$ 35,389.00	\$ 44,980.00	\$ -	\$ 44,980.00	\$ 19,980.00	\$ 25,000.00	\$ 25,000.00			\$ 44,980.00
College of Science	\$ 16,358,204.00	\$ 5,596,535.00	\$ 21,954,739.00	\$ 8,151,563.00	\$ 3,726,182.00	\$ 11,877,745.00	\$ 13,017,125.00	\$ 5,523,493.00	\$ 5,523,493.00			\$ 18,540,618.00
College of the Coast and Environment	\$ 2,764,283.00	\$ 432,138.00	\$ 3,196,421.00	\$ 2,872,848.00	\$ 1,825,355.00	\$ 4,698,203.00	\$ 2,240,715.00	\$ 1,375,137.00	\$ 1,375,137.00			\$ 3,615,852.00
Continuing Education	\$ -	\$ 300,000.00	\$ 300,000.00	\$ 321,483.00	\$ -	\$ 321,483.00	\$ -	\$ 150,000.00	\$ 150,000.00			\$ 150,000.00
Graduate School	\$ 27,000.00	\$ 459,091.00	\$ 486,091.00	\$ 113,865.00	\$ 504,257.00	\$ 618,122.00	\$ 453,423.00	\$ 704,101.00	\$ 704,101.00			\$ 1,157,524.00
Honors College							\$ -	\$ -	\$ -			\$ -
Information Technology Services	\$ 2,253,971.00	\$ -	\$ 2,253,971.00	\$ -	\$ -	\$ -	\$ -	\$ 1,184,544.00	\$ 1,184,544.00			\$ 1,184,544.00
Libraries	\$ -	\$ -	\$ -	\$ 32,000.00	\$ -	\$ 32,000.00	\$ 36,800.00	\$ -	\$ -			\$ 36,800.00
Louisiana Sea Grant	\$ 122,329.00	\$ 158,165.00	\$ 280,494.00	\$ 36,282.00	\$ 10,738.00	\$ 47,020.00	\$ 435,005.00	\$ 196,877.00	\$ 196,877.00			\$ 631,882.00
LSU Online	\$ -	\$ 699,999.00	\$ 699,999.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
Paul M. Hebert Law Center	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
School of Mass Communication	\$ 81,721.00	\$ 181,900.00	\$ 263,621.00	\$ 29,870.00	\$ 197,834.00	\$ 227,704.00	\$ 345,067.00	\$ 287,091.00	\$ 287,091.00			\$ 632,158.00
School of Veterinary Medicine	\$ 1,746,929.00	\$ 712,468.00	\$ 2,459,397.00	\$ 2,911,854.00	\$ 778,510.00	\$ 3,690,364.00	\$ 3,071,148.00	\$ 1,221,715.00	\$ 1,221,715.00			\$ 4,292,863.00
SNC SRT	\$ 30,769,717.00	\$ 1,952,799.00	\$ 32,722,516.00	\$ 28,387,708.00	\$ 790,680.00	\$ 29,178,388.00	\$ 29,076,449.00	\$ 1,726,653.00	\$ 1,726,653.00			\$ 30,803,102.00
University College	\$ 401,131.00	\$ 5,000.00	\$ 406,131.00	\$ 5,000.00	\$ 401,131.00	\$ 406,131.00	\$ -	\$ -	\$ -			\$ -
VP Research and Economic Development	\$ 1,030,000.00	\$ 41,999.00	\$ 1,071,999.00	\$ 748,360.00	\$ 30,000.00	\$ 778,360.00	\$ 301,000.00	\$ 865,352.00	\$ 865,352.00			\$ 1,166,352.00
Total Count of October	210	136	346	225	110	335	202	118	320			
Total Amount of Fiscal Year	\$ 70,810,293.00	\$ 15,927,063.00	\$ 86,737,356.00	\$ 72,138,178.00	\$ 19,950,301.00	\$ 92,088,479.00	\$ 66,210,128.00	\$ 21,099,456.00	\$ 87,309,382.00			
Total of Fiscal Year			\$ 166,143,557.00			\$ 180,190,684.00			--			

Comparison of Expenditure Data for past 3 years

October 2022

First Level Cost Center Hierarchy	Oct-2020	FY 2021	Oct-2021	FY 2022	Oct-2022
Academic Affairs	\$ 188,885	\$ 606,463	\$ 200,753	\$ 1,158,072	\$ 362,780
Administrative	\$ -	\$ 13,883	\$ 17,753	\$ 22,041	\$ 24,208
Center for Computation and Technology	\$ 792,220	\$ 1,739,488	\$ 528,807	\$ 1,300,538	\$ 402,297
Center for Energy Studies	\$ 91,512	\$ 174,234	\$ 66,527	\$ 168,623	\$ 52,783
Centers and Institutes	\$ 1,613,257	\$ 3,803,480	\$ 348,606	\$ 845,582	\$ 326,519
College of Agriculture	\$ 59,484	\$ 306,764	\$ 49,406	\$ 149,744	\$ 64,933
College of Art and Design	\$ 21,170	\$ 66,538	\$ 70,761	\$ 524,934	\$ 59,197
College of Business	\$ 1,237,490	\$ 4,480,394	\$ 2,017,114	\$ 5,389,532	\$ 1,903,643
College of Engineering	\$ 8,114,303	\$ 23,349,317	\$ 7,941,210	\$ 24,128,381	\$ 9,622,297
College of Human Sciences and Education	\$ 1,342,938	\$ 3,987,884	\$ 2,016,474	\$ 6,144,034	\$ 2,683,948
College of Humanities and Social Sciences	\$ 856,106	\$ 2,554,719	\$ 983,625	\$ 2,963,950	\$ 1,212,029
College of Music and Dramatic Arts	\$ 7,167	\$ 56,435	\$ 11,025	\$ 45,370	\$ 54,731
College of Science	\$ 8,833,976	\$ 25,448,123	\$ 7,747,508	\$ 24,623,107	\$ 8,959,997
College of the Coast and Environment	\$ 1,800,704	\$ 6,088,136	\$ 2,723,355	\$ 8,688,676	\$ 3,679,368
Continuing Education	\$ 364,854	\$ 1,062,654	\$ 55,384	\$ 748,224	\$ 171,731
Graduate School	\$ 592,038	\$ 1,657,525	\$ 778,202	\$ 1,614,813	\$ 342,833
Honors College	\$ -	\$ -	\$ -	\$ 2,208	\$ -
Information Technology Services	\$ 570,433	\$ 2,408,829	\$ 722,082	\$ 1,023,110	\$ 483,031
LSU Online	\$ 78,772	\$ 1,121,726	\$ 593,988	\$ 1,030,469	\$ -
Libraries	\$ 1,400	\$ 4,131	\$ -	\$ 18,298	\$ 18,494
Louisiana Sea Grant	\$ 954,633	\$ 3,189,940	\$ 1,140,242	\$ 3,867,645	\$ 1,359,187
Paul M. Hebert Law Center	\$ -	\$ -	\$ -	\$ 237,865	\$ 49,340
SNC SRT	\$ 6,523,697	\$ 23,700,298	\$ 8,095,151	\$ 28,960,729	\$ 12,186,797
School of Mass Communication	\$ 87,774	\$ 662,655	\$ 42,677	\$ 254,988	\$ 112,057
School of Veterinary Medicine	\$ 4,510,168	\$ 13,494,561	\$ 3,915,159	\$ 13,768,955	\$ 4,675,491
University College	\$ 232,034	\$ 683,463	\$ 265,997	\$ 714,781	\$ 241,203
VP Research and Economic Development	\$ 125,354	\$ 601,146	\$ 245,040	\$ 1,248,628	\$ 844,960
Total	\$ 39,000,368	\$ 121,262,786	\$ 40,576,847	\$ 129,643,297	\$ 49,893,854

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