

# **Combined Proposal and Award Activity Report**

Prepared by Office of Sponsored Programs
& Sponsored Program Accounting

#### January 2020

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

Proposals Submitted by OSP: p. 6-12

Awards Budgeted by SPA: p. 13-15

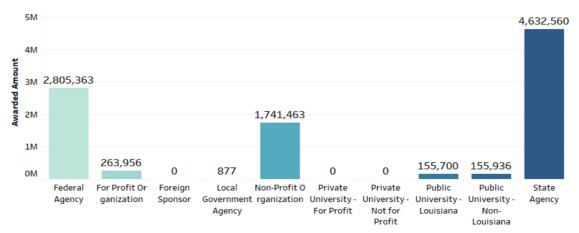
Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 16-18

# SUMMARY January 1, 2020 through January 31, 2020

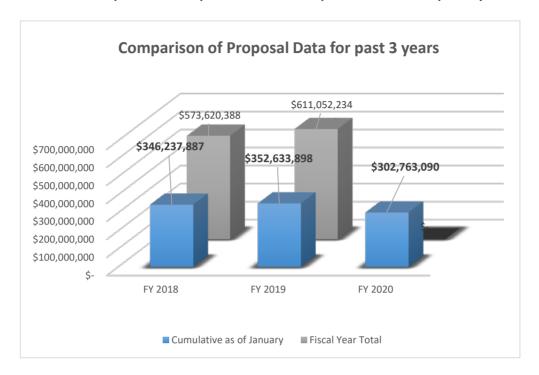
		Jai	nuary 2020	July - January 202			
Proposals Submitted by OSP	145	\$	68,204,542	\$	302,763,090		
Awards Budgeted by SPA	47	\$	9,755,855	\$	98,689,303		
Expenditures				\$	75,415,474		

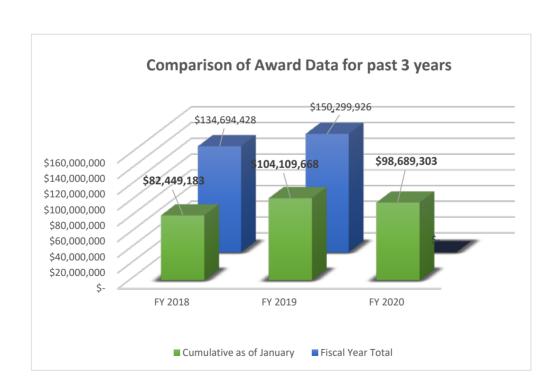
#### **Awards by Sponsor January 2020**

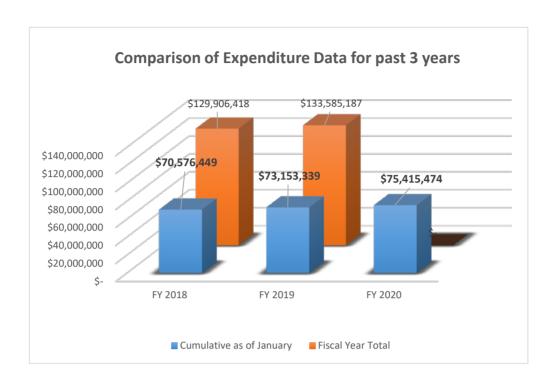
Sponsor Type	Number of Awards	Awa	rded Amount
Federal Agency	10	\$	2,805,363
For Profit Organization	10	\$	263,956
Foreign Sponsor	0	\$	-
Local Government Agency	1	\$	877
Non-Profit Organization	8	\$	1,741,463
Private University-For Profit	0	\$	-
Private University-Not For Profit	0	\$	-
Public University-Louisiana	3	\$	155,700
Public University-Non-Louisiana	3	\$	155,936
State Agency	12	\$	4,632,560
TOTAL	47	\$	9,755,855



## 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.

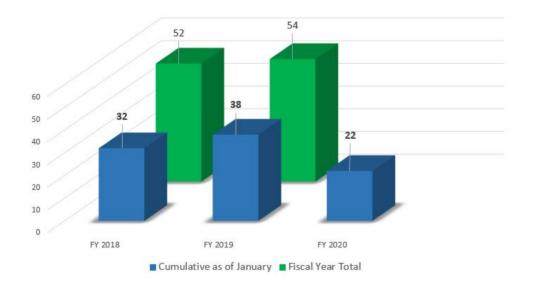
Expenditure numbers are based off of the cost center charged at time the report is generated.

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

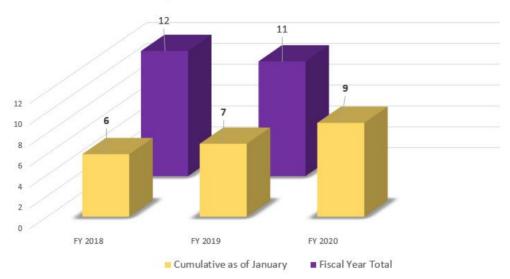
## **Comparison of Invention Disclosures**



## **Comparison of Total U.S. Patent Applications**



# Comparison of Total U.S. Patents Issued





Principal Investigator	Type	Agency	<u>Title</u>	Amount			
Co-PI(s)							
Strength, Steven	Р	LA Transportation Research Center (LTRC)	Local Technical Assistance Program	\$	1,020,448.00		
Wolfson, Wendy	P	Iberville Parish Council	Iberville Parish support for Shelter medicine	\$	8,000.00		
Taboada, Joseph	C		(02/01/2020 - 01/31/2021)				
Kutter, Thomas J	Р	The Research Foundation for the State University of New York	Side Muon Range Detector Maintenance and Repairs Within the T2K Near Detector Complex	\$	24,000.00		
Neubrander, Frank M	Р	East Baton Rouge Parish School System (EBRPSS)	EBRPSS-LSU Partnership	\$	134,999.69		
Tsai, Frank Tsung-Ch	Р	US Geological Survey (USGS)	Louisiana Water Resources Research Institute 104B	\$	125,000.00		
Dowling, Jonathan	Р	US Army Research Office (ARO)	From Quantum Computation to Quantum Sensing, Imaging, and Metrology	\$	7,500.00		
Twilley, Robert R	Р	National Sea Grant College Program	2018-2021 Sea Grant Omnibus	\$	39,176.00		
Tsai, Frank Tsung-Ch	Р	3 3					
Midway, Stephen R	P						
Shaw, Richard Franci	C						
Edwards, Jean Renee	P						
Haberlie, Alex	C						
Keim, Barry David	c						
Sylvester, Judith L	C						
Blanchard, Pamela Bo	C						
Trepanier, Jill C	Р						
Friedland, Carol Jea	P						
Lee, Yongcheol	С						
Rohli, Robert V	c						
Hou, Aixin	Р						
Bethel, Matthew Byro	С						
Bargu Ates, Sibel	C						
Hiatt, Matthew	Р						
Hawke, John Phillip	С						
Deng, Zhiqiang	Р						
Dilullo, Danielle	С						
ively, Julie Ann	Р						
Caffey, Rex Hall	Р						
Kron, Roy E III	Р						
Daigle, Melissa Tros	С						
Pace, Niki LeAnnette	С						
Wilkins, James Gille	Р						
Lindstedt, Dianne Ma	Р						
Lea, Kathryn Elizabe	С						
Lipton, Robert P	Р	National Science Foundation (NSF)	Structural Spectra and Applications to Heterogeneous Media	\$	46,000.00		
Keim, Barry David	Р	University of Oklahoma (OU)	Southern Climate Impacts Planning Program	\$	20,000.00		
Edwards, Jean Renee	С	, , ,	(SCIPP) Phase III: Helping Communities Build		ŕ		
Sathiaraj, David	С		Resilience to Weather and Climate Extremes				
,							
Wang, Ying	Р	LA Board of Regents (BOR)	High-safety zinc-ion rechargeable batteries for space applications	\$	12,500.00		
Twilley, Robert R	Р	National Science Foundation (NSF)	A National Center for Mississippi River Basin:	\$	24,996,583.00		
Arbuthnot, Keena	c .	, , , , , , , , , , , , , , , , , , , ,	Collaborative Ecosystem Design with Nature	7	,,		
Birch, Traci	c		and Culture (MRB DESIGN CENTER)				
Blanchard, Pamela Bo	c		and calcule (MIND DESIGN CENTER)				
Caffey, Rex Hall	C						
DeLorme, Denise E	c						
Hagen, Scott C	c						
Quirk, Tracy	C						
Willson, Clinton S	C						

Wilson-Kennedy, Zaki	С				
Schwarz, Andrew	Р	LSU Board of Supervisors	Making Learning Fun: Developing an Interactive Big Data Analytics Game for Undergraduate Education	\$	50,000.00
Kaiser, Hartmut	Р	UT-Battelle, LLC (Oak Ridge National Lab- ORNL)	- Development of the DCA application using HPX	\$	139,264.00
Neubrander, Frank M	Р	LA Department of Education (LDOE)	Environmental Education Initiatives 19-20	\$	17,850.00
Xue, Zuo	Р	US Geological Survey (USGS)	Assess Hydrological and Sediment's Response to Hurricane Florence (2018) at the Land-Ocean Interaction Zone	\$	199,874.00
Stout, Rhett Whitman Langohr, Ingeborg	P C	The Terra Cor Institution	North Amercian CWD Project (The Terra Cor Institution)	\$	191,600.00
Douglas, William Lak	Р	Landscape Architecture Foundation (LAF)	2020 LAF Case Study Investigation Program	\$	11,200.00
Hammons, Hayden Mann	С			,	
Huang, Weishan	Р	Oak Ridge Associated Universities (ORAU)	Heterogeneity of regulatory T cells during pulmonary inflammation at the single cell level	\$	5,000.00
Wang, Tuo	P	Arnold and Mabel Beckman Foundation	New Spectroscopic Methods for Resolving the Structural Fingerprint of Complex Carbohydrates in Cell	\$	300,000.00
Russo, Adelaide M	Р	McGraw-Hill Education	French Textbooks	\$	7,500.00
Barbalata, Corina Benfield, Mark C de Queiroz, Marcio Gilbert, Hunter Brya Hiatt, Matthew Holstein, Daniel Sun, Mingxuan Ye, Jinwei Zhou, Xiangwei	P C C O O O C O O	National Science Foundation (NSF)	RII Track-2 FEC: Data-driven Marine Robotics for Quantifying Multi-scale Coastal Hydrodynamics and Ecological Functions	\$	3,992,500.00
Gartia, Manas Ranjan	P	National Science Foundation (NSF)	Inverse-designed Nanophobic Structures for	\$	440,583.00
Veronis, Georgios	C	Tradicial Science Countains (13)	Ultrasensitive Three-Dimensional Orientation Imaging of Single Molecules Using Second	Ψ	110,303.00
Huang, Weishan	Р	MegaRobo	Harmonic Generation Signaling regulation of immune homeostasis	\$	71,218.00
Berkowitz, Dana Alli	Р	University of South Carolina	The Paradox of Advanced Maternal Age:Social Determinants of Health, Biomedical Risk, and Women s Experiences with First Births after Age 35	\$	97,900.00
Hassan, Hany	Р	Transportation Research Board	Highway Safety Behavioral Strategies for Rural Areas.	\$	299,898.00
Lin, Hai	Р	Oak Ridge Associated Universities (ORAU)	Investigation of Mycelium Biocompsite as a Green Building Material	\$	5,000.00
Schneider, Helmut Mukhopadhyay, Suprat Wolshon, Paul B Zhu, Yimin	P C C	Transportation Research Board	Development of Crash Prediction Models for Short-Term Durations	\$	650,000.00
Snyder, Brian F Bargu Ates, Sibel	P C	National Oceanic and Atmospheric Administration (NOAA)	Social, Cultural and Economic Impacts of CyanoHABs on the Louisiana-Mississippi Coast: Vulnerability in Changing Coastal System	\$	732,508.00
Hiatt, Matthew	С				
Bargu Ates, Sibel	P	NOAA Great Lakes Environmental Research Laboratory	Enhancing the Capabilities of the 3rd Generation Environmental Sample Processor (3G ESP) for HAB Toxin Detection Through Integration with an Autonomous Surface Vehicle (ASV)	\$	25,556.00
Miller, Paul Benfield, Mark C Hagen, Scott C Huang, Haosheng Li, Chunyan	P C C C	Texas A&M University	Cooperative Institute for Integrated Data, Science, Engineering, and Prediction	\$	10,006,776.99

Rohli, Robert V Walker, Nan D Xu, Kehui Xue, Zuo	C C C			
Elseifi, Mostafa A	Р	Transportation Research Board	Verification of Traffic Speed Deflection Devices' (TSDDs) Measurements	\$ 400,000.00
Bargu Ates, Sibel	Р	Tulane University	A Molecularly Thin Skin to Flocculate and Sink Harmful Algae	\$ 331,544.00
Butler, Leslie G Ham, Kyungmin	P C	Refined Imaging, LLC	Development and Validation of X-ray Interferometry for Lung COPD Imaging	\$ 81,899.00
Spivak, David	Р	Seacoast Science, Inc.	Contaminate detection using large area molecularly imprinted chemiresistors	\$ 274,995.00
Mehraeen, Shahab Maas, Andrew J Mahmoud, Anas	P C C	National Science Foundation (NSF)	A power system transmisson-distribution co- simuilation algorithm	\$ 249,999.00
Devireddy, Ramachand Gartia, Manas Ranjan	P C	National Science Foundation (NSF)	Nanoparticle Mediated Pathways for Controlled Stem Cell Differentiation	\$ 438,661.00
Gaarde, Mette B Schafer, Kenneth J	P C	University of Central Florida (UCF)	NSF ST Center for Infrared-Driven Intense-Field Science (IRIS)	\$ 1,150,000.00
Tsai, Frank Tsung-Ch	Р	University of Alabama	RII Track-2 FEC: IGDM Southeast: A Platform for Harnessing Big Hydrological Datasets for Integrated Groundwater Management	\$ 800,000.00
Deng, Zhiqiang	Р	Tulane University	Harnessing Big Data to Predict, Monitor and Mitigate Harmful Algal Blooms	\$ 449,824.00
Mousa, Momen Ragab Hassan, Marwa Mohame	P C	US Department of Transportation	Viability Assessment and Cost-Effectiveness of Using High-Modulus Asphalt Concrete (HMAC) as Base Course in Asphalt Pavements in	\$ 40,000.00
Mohammad, Louay N Murray, Kermit	C P	Texas A&M University	Proteomics and Lipidomics of Closed-head Injury (CHI): Brain Pathogenesis and Therapy	\$ 1,086,805.00
Overton, Edward B	Р	National Oceanic and Atmospheric Administration (NOAA)	Task Order (TO) 7: M/V Golden Ray Response Support	\$ 9,723.00
Peterson, Cynthia B Bentley, Samuel J Sr Elliott, Emily Marie Haynie, Stacia Lyn Jeong, Shinhee Nickerson, Kathleen Norton, Haley Nicole Wilson-Kennedy, Zaki	P C O C C C	National Science Foundation (NSF)	LSU ADVANCE Catalyst	\$ 299,996.00
Bargu Ates, Sibel	P	Tulane University	Harnessing Big Data to Predict, Monitor and Mitigate Harmful Algal Blooms (HAB2HABs)	\$ 395,102.00
Jin, Tao Chen, Senlin Ju, Boryung Li, Xin Zhang, Jian	P C C C	National Institutes of Health (NIH)	SMART-FIT: Toward Constructing a Personalized Intelligent Health Library for Tackling Obesity	\$ 1,446,380.00
Galvez, Fernando Kelly, Morgan W	P C	Bigelow Laboratory for Ocean Sciences	Data-Driven Approaches to Assess Ecosystem Impacts of Per- and Polyfluoroalkyl Substances (PFAS)	\$ 1,048,206.00
Midway, Stephen R Birch, Traci	P C	National Science Foundation (NSF)	Collaborative Proposal: MRA: Scale, Space, and Time: a Unifying Approach to Aquatic Invasions	\$ 263,511.00
Hiatt, Matthew Spielmann, Guillaume Cho, Eunhan	C P C	American College of Sports Medicine	The Effect of Acute Exercise and Hypoxia on Natural Killer Cell Bioenergetics and Cytotoxic Function in Older Adults	\$ 4,890.00
Hall, Laura Riggs Kadic, Lawrence Rademacher, Nathalie	P C C	American College of Veterinary Surgeons (ACVS)	s An ex vivo comparison of metacarpophalangeal joint techniques in the horse	\$ 6,996.00

Wylie, Kathleen Bard	Р	US Department of Housing & Urban Development (HUD)	Hotline Services for US Department of Housing and Urban Development Office of Inspector General	\$ 235,803.00
Dallas, Tad	Р	National Science Foundation (NSF)	MRA: Understanding spatial patterns of abundance and occupancy in terms of taxa, traits, and space	\$ 274,542.00
Bauer, Nichole	Р	National Science Foundation (NSF)	Feminizing Political Institutions: Does Increasing the Number of Women in Politics Change How Citizens Stereotype Political Institutions?	\$ 280,055.00
Sharma, Jyotsna Lee, Hwang	P C	LA Board of Regents (BOR)	Application of Satellite-borne Quantum Gravimetry Data for Geophysical Exploration - A	\$ 38,526.00
Snyder, Brian F	Р	Gulf Offshore Research Institute	MMEERSET Phase One: developing platform- based offshore aquaculture using a multi-use approach at Station Padre	\$ 18,708.00
Vaidyanathan, Ramach	Р	National Science Foundation (NSF)	Collaborative Research: CyberTraining: Implementation: Medium: Broadening Adoption of Parallel and Distributed Computing in Undergraduate Computer Science and Engineering Curricula	\$ 72,231.00
De Jesus Crespo, Reb Mukhopadhyay, Suprat	P C	Coastal Carolina University (CCU)	RII Track-2 FEC: Development of ecological and public risk forecasts tools for vector borne	\$ 513,352.00
Tzanov, Martin Mihay	Р	Office of Science/Department of Energy	Research in Neutrino Physics	\$ 631,853.00
Sheehy, Daniel E	Р	National Science Foundation (NSF)	Transport and Hydrodynamics of Graphene	\$ 374,286.00
Bart, Sophie A	P	Bayer CropScience	Colony feeding study evaluating the chronic effects of new molecules on honey bee (Apis mellifera) colony performance under free foraging conditions in North Carolina	\$ 18,649.00
Long, Ling	Р	Simons Foundation	The arithmetic of modular forms and hypergeometric functions	\$ 42,000.00
Ramanujam, Jagannath Brenner, Susanne Brylinski, Michal Coghill, Lyndon Mich Kim, Nayong	P C C C	National Science Foundation (NSF)	MRI: Acquisition of Gumbo: An Innovative Infrastructure for Enhancing Computational and Data Science in Louisiana	\$ 999,999.00
Quirk, Tracy	P	National Science Foundation (NSF)	Collaborative Research: Intraspecific responses of a coastal foundation species to climate change and effects on key ecological processes: Role of plant genotype and microbial community diversity	\$ 486,746.00
Orozco, Rafael	Р	National Science Foundation (NSF)	Documenting Spanish in Louisiana: A Sociolinguistic Research Initiative	\$ 286,313.00
McPeak, Kevin Michae Arges, Christopher G Dorman, James Haber, Louis H Magana-Loaiza, Omar	P C C C	National Science Foundation (NSF)	MRI: Acquisition of a Near-Field Optical Microscope for Multidisciplinary Research and Education at Louisiana State University	\$ 665,000.00
Hassan, Hany	Р	US Department of Transportation	Exploring traffic safety problems and challenges of older roads' users in Louisiana: Causes and countermeasures	\$ 30,000.00
Yan, Le Byerly, Zachary Chen, Feng Kutter, Thomas J Peng, Lu	P C C C	National Science Foundation (NSF)	CC* Compute: Deep Bayou: Accelerating Scientific Discoveries with A GPU Cluster	\$ 398,760.00
Naraghi-Pour, Mortez	Р	Clarkson Aerospace Corporation	Machine Learning Techniques for Wireless Communication Systems	\$ 275,007.00
Wang, Tuo Grove, Anne Macnaughtan, Megan A	P C C	National Science Foundation (NSF)	MRI: Acquisition of a solid/liquid-state 700 MHz NMR instrument for the Southeast	\$ 1,361,561.00

Norther Lass, Manob E	Peterson, Cynthia B	С				
Mollier, Deborah Lyn P Mollier, Deborah Lyn Mo	Rivera-Laos, Mario E	С				
Packgross, The State University of New Jarsey	Hymei, Thomas Michae	Р	-	•	\$	5,000.00
Jersey   Implications for Martian Hydrology and Habitability	Hollier, Deborah Lyn	Р	Office of Postsecondary Education	SSS Grant Application	\$	387,566.00
Chaney, Cassandro D Research Control The Intergenerational Impact of Religion and Spirituality on The Development and Practice of Virtues in African American Families  McCauley, Charles T P American Veterinary Medical Foundation  Nincent, Lauren Mae O Dassanayake, Maheshi Virtues in African American Equality Summer Research Scholarship Program Application Form 2020 Dassanayake, Maheshi P University of Missouri Accellect: A Cohesive approach to better understand the mechanisms driving the uptake of nutrients and toxic elements by plants for a better and safer human nutrition.  Rhodes, Judith Lee P East Baton Rouge Parish School System (EBRSS) Grant External Evaluator  University of California at San Diego  Walimuni Devage, Sun P Walimuni Devage, Sun P Walimuni Devage, Sun P Walimuni Devage, Sun P For MASA Marshall Space Flight Center What processes preserved compositional similarity across large volcanic provinces on walimuni Devage, Sun P For Office of Science/Department of Energy Christofferson, Rebe P Forida International University (FU)  Christofferso	Walimuni Devage, Sun	Р	- · · · · · · · · · · · · · · · · · · ·	Implications for Martian Hydrology and	\$	144,231.00
Spirituality on The Development and Practice of Virtues in African American Families	Hollier, Deborah Lyn	Р	Office of Postsecondary Education	•	\$	253,032.00
Foundation   Research Scholarship Program Application   Form 2020	Chaney, Cassandra D	Р	Texas Tech University (TTU)	Spirituality on The Development and Practice of	\$	73,816.00
Dassanayake, Maheshi P University of Missouri AccelNet: A cohesive approach to better understand the mechanism driving as a better and safer human nutrition.  Riving J P East Baton Rouge Parish School System Cupit, Leanna C (ERRPS) Grant External Evaluator (ERRPS) Grant External Evaluator University of California at San Diego Understanding the cohesion of martian soils \$ 128,166.00 Wallmuni Devage, Sun P NASA Marshall Space Flight Center Similarity across large volcanic provinces on Mars while the lithosphere thickened?  Kutter, Thomas J P Office of Science/Department of Energy, Research in Elementary Particle Physics \$ 1,030,384.00 Philosophere thickened?  Kutter, Thomas J P Office of Science/Department of Energy, Research in Elementary Particle Physics \$ 1,030,384.00 Philosophere thickened?  Kutter, Thomas J P I LA Board of Regents (BOR) Solar-driven microbial electrodialysis cells for water recycling and H2 generation in space  Harmon, Brendan P National Sea Grant College Program Development Collaborative Student Project (LTRC)  Schneider, Helmut P Mississippl State University (Miss State) Personand Phark Road Healthy Living Sustainable Scanson, Nicholas P Mississippl State University (Miss State) Program: Track-2 Focused EPSCoR Collaborative Student Project Collaborations (Rill Track -2 FEC)  Whitchnryb, David Ea Gartla, Mansa Ranjan P La Board of Regents (BOR) Synthesis of Perovskite CspBar3 single crystals Scarsh, Seung-Jong P University of Nevada, Las Vegas (UNLV) Rill Track -2 FEC: Harmessing multi-modal data for precision risk assessment and early detection of complex diseases  Frick, Paul Joseph P The Mind Research Network Forensic, Imaging, Risk and Ethics (FIRE) COBRE S 341,525.00  Davis, Thompson Elde P Collegiate Academies P Sychology Externs at Collegiate Academies S 17,000.00  Davis, Thompson Elde P Collegiate Academies P Sychology Externs at Collegiate Academies S 5,000.00  Da	·			Research Scholarship Program Application	\$	6,000.00
understand the mechanisms driving the uptake of nutrients and toxic elements by plants for a better and safer human nutrition.  Rhodes, Judith Lee			Hairanita of Missouri		<b>د</b>	00.075.00
Cupit, Leanna C (EBRPSS) Grant External Evaluator Skok, John Roma C University of California at San Diego Understanding the cohesion of martian soils \$ 128,166.00 Wallmuni Devage, Sun P Wallmuni Devage, Sun P NASA Marshall Space Flight Center Summing P Nash Marshall Space Flight Center What processes preserved compositional similarity across large volcanic provinces on Mars while the lithosphere thickened?  Kutter, Thomas J P Office of Science/Department of Energy Research in Elementary Particle Physics \$ 1,030,354.00 Enring the four dimensional vector exposure space (ADVES) of Aedes mosquitos in Colombia Searano, Nicholas P National Sea Grant College Program Plank Road Healthy Living Sustainable Development Collaborative Student Project Stameshwar, Sabarethi P LA Transportation Research Center (LTRC)  Schneider, Helmut P Mississippi State University (Miss State) Program: Track-2 Focused EPSCoR Collaborative Student Project Collaborative	Dassariayake, Mariestii	P	University of Missouri	understand the mechanisms driving the uptake of nutrients and toxic elements by plants for a	÷	89,975.00
Walimuni Devage, Sun P Walimuni Devage, Sun P NASA Marshall Space Flight Center Similarity across large volcanic provinces on similarity across large volcanic provinces on Mars while the lithosphere thickened?  Kutter, Thomas J P Office of Science/Department of Energy Research in Elementary Particle Physics \$ 1,030,354.00 Christofferson, Rebe P Florida International University (FIU) Defining the four dimensional vector exposure \$ 644,332.00 Serrano, Rebe P Florida International University (FIU) Defining the four dimensional vector exposure \$ 644,332.00 Serrano, Nicholia P Serrano, Nicholas P LA Board of Regents (BOR) Solar-driven microbial electrodialysis cells for water recycling and H2 generation in space  Harmon, Brendan P Serrano, Nicholas P LA Transportation Research Center (LTRC) Quantifying and enhancing the time-dependent extreme event resilience of road networks  Schneider, Helmut P Mississispipi State University (Miss State) P LA Board of Regents (BOR) Synthesis of Perovskite CsPbBr3 single crystals Collaborations (RII Track-2 FEC)  Whitchurch, David Ea Gartia, Manas Ranjan P LA Board of Regents (BOR) Synthesis of Perovskite CsPbBr3 single crystals for high spectral resolution gamma ray detector  Frick, Paul Joseph P The Mind Research Network Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph P The Mind Research Network Forensic, Imaging, Risk and Ethics (FIRE) COBRE State, Stephania A P LO Illiana State University of America Psychology Externs at Collegiate Academies New Orleans New Orleans Frialty-associated Dysbiosis Impairs Host Immune Responses to Influenza Vaccination Langohr, Ingeborg P Louisiana State University Agricultural Targeting intestinal mast cells, Janus kinase and \$ 3,644.00	•		=		\$	81,968.00
Walimuni Devage, Sun         P         NASA Marshall Space Flight Center similarity across large volcanic provinces on Mars while the lithosphere thickened?         \$         180,651.00           Kutter, Thomas J         P         Office of Science/Department of Energy Provinces on Mars while the lithosphere thickened?         \$         1,030,354.00           Christofferson, Rebe         P         Florida International University (FIU)         Defining the four dimensional vector exposure space (ADVES) of Aedes mosquitos in Colombia         \$         644,332.00           Zhu, Xiuping         P         LA Board of Regents (BOR)         Solar-driven microbial electrodialysis cells for water recycling and H2 generation in space         \$         11,891.00           Harmon, Brendan         P         National Sea Grant College Program Pack Road Healthy Living Sustainable Development Collaborative Student Project         \$         29,600.00           Scarrano, Nicholas         P         LA Transportation Research Center (LTRC)         Quantifying and enhancing the time-dependent \$         29,600.00           Kameshwar, Sabarethi         P         LA Transportation Research Center (LTRC)         Quantifying and enhancing the time-dependent \$         29,500.00           Hutchinson, Cory Joh         C         Collaborations (RII Track -2 FEC)         1,293,924.00           Hutchinson, Cory Joh         C         Collaborations (RII Track -2 FEC)         5         1,29			University of California at San Diego	Understanding the cohesion of martian soils	\$	128,166.00
Similarity across large volcanic provinces on Mars while the lithosphere thickened?   Kutter, Thomas J	•		NACA Marshall Coasa Flight Coatan	What are a second as a second	<u> </u>	100 (51 00
Christofferson, Rebe P Florida International University (FIU) Defining the four dimensional vector exposure space (4DVES) of Aedes mosquitos in Colombia  Zhu, Xiuping P LA Board of Regents (BOR) Solar-driven microbial electrodialysis cells for water recycling and H2 generation in space  Harmon, Brendan P National Sea Grant College Program Plank Road Healthy Living Sustainable Development Collaborative Student Project  Kameshwar, Sabarethi P LA Transportation Research Center (LTRC) CURRC)  EXEMPLIANCE COLLARCH  Hutchinson, Cory Joh Mukhopadhyay, Suprat Whitchurch, David Ea Gartia, Manas Ranjan P LA Board of Regents (BOR)  Frick, Paul Joseph P The Mind Research Network  P Collegiate Academies P Collegiate Academies P Collegiate Academies P Collegiate Academies P The Herb Society of America Langohr, Ingeborg P LSU Health Sciences Center (LSUHSC) in New Orleans  Exposed (ADVES) of Aedes mosquitos in Colombia  Solar-driven microbial electrodialysis cells for water recycling and H2 generation in space  \$ 11,891.00  \$ 11,891.00  \$ 11,891.00  \$ 23,000.00  Pank Road Healthy Living Sustainable Development Collaborative Student Project Quantifying and enhancing the time-dependent extreme event resilience of road networks  \$ 29,600.00  EPSCOR Research Infrastructure Improvement Program: Track-2 Focused EPSCOR Collaborations (RII Track-2 FEC)  Whitchurch, David Ea Gartia, Manas Ranjan P LA Board of Regents (BOR) Synthesis of Perovskite CsPbBr3 single crystals for high spectral resolution gamma ray detector  Park, Seung-Jong P University of Nevada, Las Vegas (UNLV) RII Track-2 FEC: Harnessing multi-modal data for precision risk assessment and early detection of complex diseases  Frick, Paul Joseph P The Mind Research Network Forensic, Imaging, Risk and Ethics (FIRE) COBRE \$ 3449,853.00  Davis, Thompson Elde P Collegiate Academies P Sychology Externs at Collegiate Academies P Sychology Externs at Collegiate Academies P The Herb Society of America P Region  Cormier, Stephania A P LSU Health Sciences Center (LSUHSC) in Image in	walimuni Devage, Sun	Р	NASA Marshall Space Flight Center	similarity across large volcanic provinces on	\$	180,651.00
Zhu, Xiuping   P   LA Board of Regents (BOR)   Solar-driven microbial electrodialysis cells for water recycling and H2 generation in space   \$ 11,891.00	Kutter, Thomas J	Р	Office of Science/Department of Energy	Research in Elementary Particle Physics	\$	1,030,354.00
Harmon, Brendan P National Sea Grant College Program Plank Road Healthy Living Sustainable Serrano, Nicholas P LA Transportation Research Center Quantifying and enhancing the time-dependent \$ 29,600.00 (LTRC) extreme event resilience of road networks  Schneider, Helmut P Mississippi State University (Miss State) EPSCoR Research Infrastructure Improvement \$ 1,293,924.00 Program: Track-2 Focused EPSCoR Collaborations (RII Track-2 FEC)  Mukhopadhyay, Suprat C Whitchurch, David Ea C Gartia, Manas Ranjan P LA Board of Regents (BOR) Synthesis of Perovskite CSPbBr3 single crystals for high spectral resolution gamma ray detector  Park, Seung-Jong P University of Nevada, Las Vegas (UNLV) RII Track-2 FEC: Harnessing multi-modal data for precision risk assessment and early detection of complex diseases  Frick, Paul Joseph P The Mind Research Network Forensic, Imaging, Risk and Ethics (FIRE) COBRE \$ 341,525.00  Davis, Thompson Elde P Collegiate Academies Psychology Externs at Collegiate Academies \$ 17,000.00  Davis, Thompson Elde P The Herb Society of America Herbs and Their Uses in the 19th-Century New \$ 5,000.00  Cormier, Stephania A P LSU Health Sciences Center (LSUHSC) in New Orleans Faity-associated Dysbiosis Impairs Host Immune Responses to Influenza Vaccination \$ 3,644.00	Christofferson, Rebe	Р	Florida International University (FIU)	_	\$	644,332.00
Serrano, Nicholas Kameshwar, Sabarethi P LA Transportation Research Center (LTRC)  Schneider, Helmut P Mississippi State University (Miss State) Hutchinson, Cory Joh Mukhopadhyay, Suprat C Whitchurch, David Ea Gartia, Manas Ranjan P LA Board of Regents (BOR)  Park, Seung-Jong C Research Infrastructure Improvement Frick, Paul Joseph P The Mind Research Network  Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph P The Herb Society of America Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) COBRE Frick, Paul Joseph Forensic, Imaging, Risk and Ethics (FIRE) Forensic, Imaging, Risk and Ethics	Zhu, Xiuping	Р	LA Board of Regents (BOR)	•	\$	11,891.00
Kameshwar, SabarethiPLA Transportation Research Center (LTRC)Quantifying and enhancing the time-dependent extreme event resilience of road networks\$29,600.00Schneider, HelmutPMississippi State University (Miss State) Program: Track-2 Focused EPSCoR Collaborations (RII Track -2 FEC)EPSCOR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations (RII Track -2 FEC)\$1,293,924.00Hutchinson, Cory Joh Mukhopadhyay, Suprat Whitchurch, David Ea Gartia, Manas RanjanPLA Board of Regents (BOR)Synthesis of Perovskite CsPbBr3 single crystals for high spectral resolution gamma ray detector\$12,500.00Park, Seung-JongPUniversity of Nevada, Las Vegas (UNLV) for precision risk assessment and early detection of complex diseases\$449,853.00Lee, KisungCThe Mind Research NetworkForensic, Imaging, Risk and Ethics (FIRE) COBRE\$341,525.00Davis, Thompson Elde Douglas, William LakPCollegiate Academies PPsychology Externs at Collegiate Academies Herbs and Their Uses in the 19th-Century New Orleans Region\$5,000.00Cormier, Stephania APLSU Health Sciences Center (LSUHSC) in New OrleansFrailty-associated Dysbiosis Impairs Host Immune Responses to Influenza Vaccination\$380,685.00Langohr, IngeborgPLouisiana State University AgriculturalTargeting intestinal mast cells, Janus kinase and\$3,644.00			National Sea Grant College Program		\$	3,000.00
CLTRC  extreme event resilience of road networks   Schneider, Helmut   P   Mississippi State University (Miss State)   EPSCOR Research Infrastructure Improvement   Program: Track-2 Focused EPSCOR   Schneider, Helmut   Program: Track-2 Focused EPSCOR   Collaborations (RII Track -2 FEC)   Program: Track-2 Focused EPSCOR   Collaborations (RII Track -2 FEC)   Collaborations   Collaborations (RII Track -2 FEC)   Collaborations   Collaborations   Collaborations (RII Track -2 FEC)   Collaborations			LA Transportation Research Center	Quantifying and enhancing the time-dependent	\$	29,600.00
Hutchinson, Cory Joh C Mukhopadhyay, Suprat C Whitchurch, David Ea C Gartia, Manas Ranjan P LA Board of Regents (BOR) Synthesis of Perovskite CsPbBr3 single crystals for high spectral resolution gamma ray detector for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detection of complex diseases for precision risk assessment and early detector for precision risk assess	·		•		·	ŕ
Gartia, Manas Ranjan P LA Board of Regents (BOR) Synthesis of Perovskite CsPbBr3 single crystals for high spectral resolution gamma ray detector  Park, Seung-Jong P University of Nevada, Las Vegas (UNLV) RII Track-2 FEC: Harnessing multi-modal data for precision risk assessment and early detection of complex diseases  Frick, Paul Joseph P The Mind Research Network Forensic, Imaging, Risk and Ethics (FIRE) COBRE \$ 341,525.00  Davis, Thompson Elde P Collegiate Academies Psychology Externs at Collegiate Academies \$ 17,000.00  Douglas, William Lak P The Herb Society of America Herbs and Their Uses in the 19th-Century New \$ 5,000.00  Orleans Region  Cormier, Stephania A P LSU Health Sciences Center (LSUHSC) in New Orleans Immune Responses to Influenza Vaccination  Langohr, Ingeborg P Louisiana State University Agricultural Targeting intestinal mast cells, Janus kinase and \$ 3,644.00	Hutchinson, Cory Joh	C C	Mississippi State University (Miss State)	Program: Track-2 Focused EPSCoR	\$	1,293,924.00
Frick, Paul Joseph P Collegiate Academies Psychology Externs at Collegiate Academies \$ 17,000.00 Douglas, William Lak P The Herb Society of America Herbs and Their Uses in the 19th-Century New Orleans P LSU Health Sciences Center (LSUHSC) in New Orleans Park, Seung-Jong P Louisiana State University Agricultural Targeting intestinal mast cells, Janus kinase and \$ 3,644.00	· ·					
Frick, Paul Joseph P The Mind Research Network Forensic, Imaging, Risk and Ethics (FIRE) COBRE \$ 341,525.00  Davis, Thompson Elde P Collegiate Academies Psychology Externs at Collegiate Academies \$ 17,000.00  Douglas, William Lak P The Herb Society of America Herbs and Their Uses in the 19th-Century New \$ 5,000.00  Orleans Region  Cormier, Stephania A P LSU Health Sciences Center (LSUHSC) in New Orleans  Langohr, Ingeborg P Louisiana State University Agricultural Targeting intestinal mast cells, Janus kinase and \$ 3,644.00	Gartia, Manas Ranjan	Р	LA Board of Regents (BOR)	- ·	\$	12,500.00
Lee, Kisung C detection of complex diseases  Frick, Paul Joseph P The Mind Research Network Forensic, Imaging, Risk and Ethics (FIRE) COBRE \$ 341,525.00  Davis, Thompson Elde P Collegiate Academies Psychology Externs at Collegiate Academies \$ 17,000.00  Douglas, William Lak P The Herb Society of America Herbs and Their Uses in the 19th-Century New \$ 5,000.00  Orleans Region  Cormier, Stephania A P LSU Health Sciences Center (LSUHSC) in New Orleans  New Orleans  Langohr, Ingeborg P Louisiana State University Agricultural Targeting intestinal mast cells, Janus kinase and \$ 3,644.00	Park, Seung-Jong	Р	University of Nevada, Las Vegas (UNLV)	<u> </u>	\$	449,853.00
Davis, Thompson Elde P Collegiate Academies Psychology Externs at Collegiate Academies \$ 17,000.00  Douglas, William Lak P The Herb Society of America Herbs and Their Uses in the 19th-Century New \$ 5,000.00  Orleans Region  Cormier, Stephania A P LSU Health Sciences Center (LSUHSC) in New Orleans  Immune Responses to Influenza Vaccination  Langohr, Ingeborg P Louisiana State University Agricultural Targeting intestinal mast cells, Janus kinase and \$ 3,644.00	Lee, Kisung	С		detection of complex diseases		
Douglas, William Lak P The Herb Society of America Herbs and Their Uses in the 19th-Century New \$ 5,000.00 Orleans Region  Cormier, Stephania A P LSU Health Sciences Center (LSUHSC) in New Orleans New Orleans  Langohr, Ingeborg P Louisiana State University Agricultural Targeting intestinal mast cells, Janus kinase and \$ 3,644.00	Frick, Paul Joseph	Р	The Mind Research Network	Forensic, Imaging, Risk and Ethics (FIRE) COBRE	\$	341,525.00
Cormier, Stephania A P LSU Health Sciences Center (LSUHSC) in New Orleans Region  Langohr, Ingeborg P Louisiana State University Agricultural Targeting intestinal mast cells, Janus kinase and \$ 3,644.00	•		<u> </u>			
New Orleans Immune Responses to Influenza Vaccination  Langohr, Ingeborg P Louisiana State University Agricultural Targeting intestinal mast cells, Janus kinase and \$ 3,644.00		Р	·	Orleans Region	\$	
	Cormier, Stephania A	Р			\$	380,685.00
	Langohr, Ingeborg	Р	· -		\$	3,644.00

Krause, John Jason	Р	US Department of State (DOS)	Securing WMD Expertise at Higher Education Institutions	\$	146,955.00
Tu, Fang-Ting	Р	Simons Foundation	Modular Forms and Hypergeometric Systems	\$	42,000.00
Mukhopadhyay, Suprat Zhu, Yimin	P C	Florida Institute for Human and Machine Cognition (IHMC)	Al Institute: Planning: Institute for Research on Augmented Immersive Learning	\$	80,000.00
Krause, John Jason	Р	US Department of State (DOS)	FY20 Countering WMD Threats in Iraq - Safety Plans and Standard Operating Procedure Development	\$	193,748.00
Krause, John Jason	Р	US Department of State (DOS)	FY20 Global Biosecurity Engagement Activities	\$	365,793.00
Arce Amador, Gabriel Hassan, Marwa Mohame	P C	US Department of Transportation	Development of Novel Ultra-High Performance Engineered Cementitious Composites (UHP- ECC) for Durable and Resilient Transportation Infrastructure	\$	45,000.00
Arce Amador, Gabriel Hassan, Marwa Mohame	P C	US Department of Transportation	Evaluation of Alternative Sources of Supplementary Cementitious Materials (SCMs) for Concrete Materials in Transportation Infrastructure	\$	45,000.00
Mousa, Momen Ragab Arce Amador, Gabriel Hassan, Marwa Mohame	P C C	US Department of Transportation	Determination of the Optimal Parameters for Self-Healing Efficiency of Encapsulated Bacteria in Concrete in a Simulated Subtropical Climate	\$	45,000.00
Krause, John Jason	Р	US Department of State (DOS)	FY20 Strengthening International Nonproliferation Norms	\$	467,345.00
Krause, John Jason	Р	US Department of State (DOS)	FY20 - Global Chemical Security Engagement Activities - Fundamentals of Criminal Intelligence for Chemical Terrorism Plot Investigations	\$	144,109.00
DiCarlo, Cynthia F Grantham-Caston, Mic	P C	LA Department of Education (LDOE)	Louisiana early childhood key training modules - Managing a Commitment to Leadership and Professionalism	\$	10,000.00
Hassan, Hany	Р	LA Transportation Research Center (LTRC)	Examining drivers' behaviors to truck- platooning operations in connected vehicles environment	\$	30,000.00
Bulut, Aynur	Р	Simons Foundation	Long-time regularity issues in nonlinear dispersive PDE	\$	42,000.00
Lee, Yongcheol	Р	US Department of Transportation	Deep Reinforcement Learning-based Project Prioritization for Rapid Post-Disaster Recovery of Transportation Infrastructure Systems	\$	20,000.00
Lin, Hai Chen, Shengli	P C	US Department of Transportation	Calculating Pile Downdrag: Experimental and Numerical Investigations	\$	30,000.00
Jafari, Navid H	Р	US Department of Transportation	Mining of Unmanned Aerial System Operations and Data to Improve Emergency Operations during Natural Disasters	\$	20,000.00
Lin, Hai	Р	US Department of Transportation	Rapid Repair of Cracks on the Embankment Slopes Using Bio-Cement	\$	30,000.00
Mousa, Momen Ragab Hassan, Marwa Mohame	P C	US Department of Transportation	Development of Decision Trees for the Selection of Pavement Maintenance and Rehabilitation Activities in South-Central United States	\$	40,000.00
Mariotti, Giulio Mousa, Momen Ragab Hassan, Marwa Mohame	P P C	The Wetland Foundation US Department of Transportation	Conference travel grant - Kendall Valentine Durability and Service Life of Pavement Markings for Asphalt and Concrete Pavements in Louisiana	\$ \$	1,400.00 40,000.00
Sun, Chao	Р	US Department of Transportation	Efficient, Low-cost Bridge Cracking Detection and Quantification Using Deep-learning and UAV Images	\$	29,999.00

Arges, Christopher G P Spivak, David P	! (	Morris Animal Foundation  LA Transportation Research Center (LTRC)  The Electrochemical Society (ECS)  US Department of Transportation	Assessing potential for antiviral resistance in feline herpesvirus Deep Learning for Enhanced Security of Connected Vehicles Probing concentration polarization in intermediate temperature polymer electrolyte membrane fuel cells Catalyst Regeneration of RAP-Binder in Asphalt	\$ \$ \$	5,000.00 30,000.00 50,000.00 24,998.00
Arges, Christopher G P	l (	LA Transportation Research Center (LTRC)	Assessing potential for antiviral resistance in feline herpesvirus Deep Learning for Enhanced Security of Connected Vehicles Probing concentration polarization in intermediate temperature polymer electrolyte	\$	30,000.00
	l (	LA Transportation Research Center (LTRC)	Assessing potential for antiviral resistance in feline herpesvirus  Deep Learning for Enhanced Security of	\$	30,000.00
Aly, Aly Mousaad P	ı	Morris Animal Foundation	Assessing potential for antiviral resistance in	\$	5,000.00
Lewin, Andrew P			important urban vectors		
De Jesus Crespo, Reb P	- 1	University of Southern Mississippi	Flooding risk and effects on medically important urban vectors	\$	26,196.00
Mukhopadhyay, Suprat P Zhu, Yimin C	l	US Department of Transportation	Combining Virtual Reality and Machine Learning for Enhancing the Resiliency of Transportation Infrastructure in Extreme Events	\$	20,000.00
Chen, Senlin P		University of Georgia (UGA)	Bracing up Research on Adolescents' preVention of Obesity: BRAVO! Hispanic Boys	\$	65,035.00
Wang, Chao P	l	US Department of Transportation	Automated Road Damage Classification based on Analysis of Crowdsourced Vehicle Vibration Data	\$	20,000.00
Calamia, Matthew Ray P		LSU Pennington Biomedical Research Center (PBRC)	Use of a novel computerized preclinical Alzheimer's cognitive composite (cPACC) to measure cognitive change in community dwelling elderly	\$	1,060,894.00

Award ID	Principal Investigator Co- PI(s)	Type	<u>Award Name</u>	Agency	New		Conti	nuing	Tota	<u>l</u>
AWD-000393	Shi, Jonathan Wang, Chao Jeon, Hyun Woo	P C C	LSUAM   Louisiana State University - Industrial Assessment Center (LSU- IAC)	US Department of Energy (DOE)	\$	-	\$	100,000.00	\$	100,000.00
AWD-000514	Queen, Michael Todd	Р	LSUAM   Kids Orchestra 2016-2017	Kids' Orchestra	\$	-	\$	(7,200.00)	\$	(7,200.00
AWD-000753	Frick, Paul Joseph	Р	LSUAM   Editorship of Journal Abnormal Child	Springer Publishing Company	\$	14,216.00	\$	-	\$	14,216.00
AWD-001072	Neubrander, Frank M	Р	LSUAM   Cain Center Professional Development Consortium - Local School Boards	Cain Center Professional Development Consortium - Local School Boards	\$	877.00	\$	-	\$	877.00
AWD-001573	Spielmann, Guillaume Johannsen, Neil Irving, Brian A	C C P	LSUAM   Resistance Exercise and Low-Intensity Physical Activity Breaks in Sedentary Time to Improve Skeletal Muscle and Cardiometabolic Health in Older Adults REALPA Breaks in Sedentary Time Pilot Study	NIH-National Institute on Aging   01	\$	30,093.00	\$	-	\$	30,093.00
AWD-001863	Mukhopadhyay, Supratik	P	LSUAM   Frameworks based on Generative Adversarial Networks for Classification and Segmentation of High Resolution Satellite Imagery	Rhombus Power Inc.	\$	47,400.00	\$	-	\$	47,400.00
AWD-001886	Teruyama, Ryoichi	Р	LSUAM   Regulation of Supraoptic Oxytocin Neurons by Oxytocin Receptor Expressing Neurons in the Perinuclear Zone of the Hypothalamus	NIH-National Institute of Child Health and Human Development	\$	-	\$	158,940.00	\$	158,940.00
AWD-001905	Gupta, Ipsita	Р	LSUAM   Mitigating Risks to Hydrocardbon Release Through Integrative Advanced Materials for Wellbore Plugging and Remediation	Oklahoma State University   02	\$	-	\$	91,199.00	\$	91,199.00
AWD-001960	Mayne, Jeffrey S	Р	LSUAM   School Emergency Management Program	LA Dept of Education   20	\$	-	\$	744,119.00	\$	744,119.00
AWD-002163	Schneider, Helmut	Р	LSUAM   Provide Vehicle Information to Carfax, Inc.	Carfax, Inc.   02	\$	14,950.00	\$	-	\$	14,950.00
AWD-002202	Schneider, Helmut	Р	LSUAM   Provide Vehicle Information to Experian Automotive	Experian Automotive   01	\$	14,950.00	\$	-	\$	14,950.00
AWD-002452	Krause, John Jason	Р	LSUAM   LSU NCBRT Support for FY19 Global Threat Reduction Activities	US Department of State	\$	485,000.00	\$	-	\$	485,000.00
AWD-002488	Esselstyn, Jacob A	P	LSUAM   New perspectives on Pneumocystis: Combining clinical and evolutionary expertise to better understand mammalian fungal pathogens	LA Board of Regents   02	\$	3,000.00	\$	-	\$	3,000.00
AWD-002567	Bharti, Bhuvnesh	Р	LSUAM   CARERR: Helical propulsion for tunneling through porous membranes	National Science Foundation (NSF)	\$	454,960.00	\$	-	\$	454,960.00
AWD-002588	Walker, Nan D Huang, Haosheng Justic, Dubravko Haag, Alaric Sullivan	C P C	LSUAM   Development of an unstructured-grid nesting method for the study of Loop Current Frontal Eddies	National Academy of Sciences	\$	224,584.00	\$	-	\$	224,584.00
AWD-002594	Begat, Vanessa	Р	LSUAM   US Army Support of EBR VEX Robotics	Department of the Army	\$	5,000.00	\$	-	\$	5,000.00

AWD-002595	Arges, Christopher G	Р	LSUAM   Lactic Acid Recovery Using Resin-Wafer Electrodeionization	Corumat, Inc.	\$ 8,000.00	\$ -	\$ 8,000.00
AWD-002596	Mitchell, Brant Dylan	Р	LSUAM   Learning Science Corporation - CJIS Policy and Procedures Phase II	Pulse Technology Services, LLC	\$ 3,793.00	\$ -	\$ 3,793.00
AWD-002597	Lipton, Robert P	P	LSUAM   DMREF/Collaborative Research: Designing Mutable Metamaterials with Photo-Adaptive Meta-Atoms	National Science Foundation (NSF)	\$ 399,761.00	\$ -	\$ 399,761.00
AWD-002598	Mitchell, Brant Dylan	Р	LSUAM   LMD TO 03-2019 - Building Automation	Louisiana Military Department (LMD)	\$ 88,000.00	\$ -	\$ 88,000.00
AWD-002601	Banse, Heidi	P	LSUAM   Comparison of the equine glandular gastric microbiome in horses with and without EGGD	Boehringer Ingelheim Animal Health USA, Inc (BIAH)   01	\$ 64,647.00	\$ -	\$ 64,647.00
AWD-002605	Bourdin, Blaise A	Р	LSUAM   Phase-Field Simulation of Natural Fracture Networks	Chevron Energy Technology Company   01	\$ 36,000.00	\$ -	\$ 36,000.00
AWD-002609	Wang, Tuo	P	LSUAM   CAREER: Functional Structure and Dynamics of Complex Carbohydrates Via Sensitivity- Enhanced Solid-State NMR and Database Development	National Science Foundation (NSF)	\$ 346,000.00	\$ -	\$ 346,000.00
AWD-002610	Young, David P	P	LSUAM   Tuning the structure- property relationships in intermetallic superconductors and magnetic systems with chemical doping	National Science Foundation (NSF)	\$ 450,512.00	\$ -	\$ 450,512.00
AWD-002611	Kutter, Thomas J	Р	LSUAM   ProtoDUNE II Mechanical Mock-Up and Field Cage Endwalls	Fermi National Accelerator Laboratory	\$ 317,603.00	\$ -	\$ 317,603.00
AWD-002612	Chambers, Matthew	P	LSUAM   Photochemical Upgrading of Light Hydrocarbons Mediated by Early Transition Metal Oxo Complexes	American Chemical Society Petroleum Research Fund	\$ 110,000.00	\$ -	\$ 110,000.00
AWD-002614	Schwarz, Andrew	P	LSUAM   Making Learning Fun: Developing an Interactive Big Data Analytics Game for Undergraduate Education	LSU Board of Supervisors	\$ 50,000.00	\$ -	\$ 50,000.00
AWD-002615	Shirley, Mark Gerard Bui, Thanh Thu	P C	LSUAM   Improving Crew Overboard Recovery for Commercial Fishing Vessels in the Gulf of Mexico	University of Texas Health Science Center at Tyler	\$ 27,000.00	\$ -	\$ 27,000.00
AWD-002616	Huang, Weishan Penn, Arthur L	P C	LSUAM   Heterogeneity and molecular signatures of therapeutic T cells in allergic airway inflammation	NIH-National Institute of Allergy and Infectious Diseases	\$ 375,096.00	\$ -	\$ 375,096.00
AWD-002617	Bilskie, Matthew Vernon Hagen, Scott C Twilley, Robert R	C P C	LSUAM   Annual Implementation and Maintenance of ASGS/CERA (ADCIRC Surge Guidance System/Coastal Emergency Risks Assessment)	Coastal Protection & Restoration Authority (CPRA)   12	\$ 54,350.00	\$ -	\$ 54,350.00
AWD-002620	Haque, Muzammel Coghill, Lyndon Michael Kousoulas, Konstantin G Alling, Christopher Jambunathan, Nithya Lewin, Andrew	C C C C C	LSUAM   Genomic and phylogenetic analysis of Canine herpesvirus isolates using Next-Generation Sequencing	American Kennel Club (AKC) Canine Health Foundation	\$ 13,776.00	\$ -	\$ 13,776.00

AWD-002621	Neubrander, Frank M	Р	LSUAM   Impact Charter School - September 2019 to May 2020	Impact Charter School	\$ 26,849.00	\$ -	\$ 26,849.00
AWD-002622	Dorman, James Dooley, Kerry M	P C	LSUAM   Electromagnetic Depolymerization of Waste Plastic	LSU Ag Center   05	\$ 35,000.00	\$ -	\$ 35,000.00
AWD-002623	Li, Chunyan	Р	LSUAM   Barataria Inlets	Water Institute of the Gulf	\$ 6,702.00	\$ -	\$ 6,702.00
AWD-002624	Holton, Robert	Р	LSUAM   The Fabrication Collaborative: Workshop and Symposium	Louisiana State Board of Architectural Examiners	\$ 10,000.00	\$ -	\$ 10,000.00
AWD-002625	Schneider, Helmut	Р	LSUAM   CMV Crash and Hazmat Data Analysis	LA Dept of Public Safety & Corrections-Office of State Police   02	\$ 152,449.00	\$ -	\$ 152,449.00
AWD-002626	Hiatt, Matthew	Р	LSUAM   Monitoring Waves and Currents in Barataria Bay	Coastal Protection & Restoration Authority (CPRA)   12	\$ 226,769.00	\$ -	\$ 226,769.00
AWD-002630	Bohnert, Adam Johnson, Alyssa	C P	LSUAM   Tubular Lysosomes: New Players in Cellular Health and Homeostasis	W. M. Keck Foundation	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
AWD-002636	Rao, Dandina N	Р	LSUAM   Exploring the Applicability of Single-Well Gas-Assisted Gravity Drainage Process in Tuscaloosa Marine Shale Resource in Louisiana	LSU Board of Supervisors	\$ 70,700.00	\$ -	\$ 70,700.00
AWD-002637	Birch, Traci	Р	LSUAM   2019 Early Career Research Fellowship	National Academy of Sciences	\$ 76,000.00	\$ -	\$ 76,000.00
AWD-002639	Purser, Carolin Moles, Aimee Rhodes, Judith Lee	C C P	LSUAM   Project Advancing Wellness and Resilience Education (AWARE)	LA Dept of Education   19	\$ 211,366.00	\$ -	\$ 211,366.00
AWD-002640	Rhodes, Judith Lee Noell, George Jr	P C	LSUAM   AWARE: Louisiana School Behavioral Health Support Program	LA Dept of Education   19	\$ 205,077.00	\$ -	\$ 205,077.00
AWDC-000539	Strength, Steven	Р	LSUAM   LTAP-Local Technical Assistance Program	LA Transportation Research Center (LTRC)	\$ 1,020,448.00	\$ -	\$ 1,020,448.00
AWDC-000682	Thompson, Karsten E Waltrich, Paulo Williams, Wesley C	P C C	LSUAM   Valve Performance Clearinghouse (VPC) Consortium	Valve Performance Clearing (VPC) Consortium	\$ 45,000.00	\$ 15,000.00	\$ 60,000.00
AWDC-000834	Bilskie, Matthew Vernon Hagen, Scott C	C P	LSUAM   Development of an Optimized Tide and Hurricane Storm Surge Model for the Northern Gulf of Mexico (MS, AL, FL) for Use with the ADCIRC Surge Guidance System	University of North Carolina At Chapel Hill   03	\$ -	\$ 37,736.00	\$ 37,736.00
AWDC-001829	Meng, Wen Jin Guo, Shengmin Moldovan, Dorel Nikitopoulos, Dimitris E Haber, Louis H Kurtz, Richard L Voyiadjis, George Z Sprunger, Phillip Moreno, Juana	P A A A A C	LSUAM   Consortium for Innovation in Manufacturing and Materials (CIMM) - NSF	LA Board of Regents   02	\$ -	\$ 1,460,137.00	\$ 1,460,137.00
AWDC-001830	Meng, Wen Jin Moldovan, Dorel Haber, Louis H Voyiadjis, George Z Kurtz, Richard L Moreno, Juana Sprunger, Phillip Guo, Shengmin Nikitopoulos, Dimitris E	P A A A C A	LSUAM   Consortium for Innovation in Manufacturing and Materials (CIMM)	LA Board of Regents   02	\$ -	\$ 430,000.00	\$ 430,000.00
<b>Grand Total</b>					\$ 6,725,928	\$ 3,029,931	\$ 9,755,859

	Cumulative as o	of January 2018	Cumulative as o	of January 2019	Cumulative as of January 2020				
	Proposals	Funds	Proposals	Funds	Proposals	Funds			
Colleges	Submitted	Requested	Submitted	Requested	Submitted	Requested			
Academic Services	1.00 \$	70,604.58	1.50 \$	104,738.88	2.00 \$	112,216			
Administrative	16.26 \$	3,985,595.35	23.87 \$	3,753,336.58	4.60 \$	3,164,978			
Auxiliaries	0.00 \$	-	0.00 \$	-	0.00 \$	-			
Centers and Institutes	9.49 \$	1,942,762.89	10.30 \$	2,682,470.40	1.91 \$	236,790			
Center for Energy Studies	5.63 \$	760,361.05	4.95 \$	583,759.45	8.00 \$	881,055			
College of Humanities and Social Sciences	80.01 \$	17,431,845.60	75.88 \$	11,747,989.83	79.27 \$	14,144,625			
College of Human Sciences and Education	29.07 \$	37,164,350.45	52.55 \$	17,593,071.80	43.49 \$	24,513,324			
College of Music and Dramatic Arts	2.50 \$	103,475.00	3.25 \$	281,876.00	3.70 \$	164,638			
College of Agriculture	5.88 \$	986,765.80	6.07 \$	1,502,087.98	6.20 \$	1,504,026			
College of Art and Design	11.64 \$	534,121.98	9.75 \$	1,090,456.00	20.19 \$	2,914,892			
College of Business	13.00 \$	1,597,258.80	12.30 \$	1,544,909.00	12.05 \$	3,424,068			
College of Engineering	284.39 \$	82,285,189.81	201.94 \$	100,874,286.61	268.83 \$	79,436,869			
College of Science	229.50 \$	81,631,213.21	194.46 \$	76,458,985.12	185.10 \$	76,983,738			
Continuing Education	4.00 \$	440,748.40	4.00 \$	886,232.90	2.72 \$	1,866,067			
Center for Computation and Technology	1.30 \$	263,836.70	0.25 \$	69,009.00	3.10 \$	871,489			
Facility and Property Oversight	0.00 \$	-	0.00 \$	-	0.00 \$	-			
Graduate School	1.90 \$	351,500.00	1.90 \$	708,500.00	1.90 \$	495,000			
Information Technology Services	0.00 \$	-	0.00 \$	-	0.50 \$	199,380			
LSU Online	0.00 \$	-	0.00 \$	-	0.28 \$	291,536			
Libraries	2.50 \$	10,986.74	2.00 \$	43,844.00	2.00 \$	53,285			
Museums	0.00 \$	-	0.00 \$	-	0.10 \$	10,000			
Louisiana Sea Grant	40.09 \$	7,110,494.55	22.69 \$	2,379,946.33	66.05 \$	3,691,984			
VP Research and Economic Development	2.13 \$	3,000,898.30	1.10 \$	31,038.80	0.60 \$	115,869			
College of the Coast and Environment	45.73 \$	7,181,983.24	58.05 \$	46,513,441.44	84.02 \$	49,182,496			
<b>School of Mass Communication</b>	4.15 \$	1,317,468.60	3.12 \$	458,491.03	10.11 \$	358,848			
School of Veterinary Medicine	92.39 \$	52,881,981.67	90.85 \$	48,685,995.78	80.52 \$	27,061,257			
SNCSRT	34.45 \$	42,025,229.29	27.80 \$	32,165,782.50	27.65 \$	7,378,496			
Student Services	0.10 \$	100,000.00	2.00 \$	16,500.00	0.00 \$	-			
University College	1.00 \$	355,757.00	2.00 \$	668,043.00	4.00 \$	1,338,702			
VP Strategic Initiatives	1.80 \$	1,903,495.90	6.73 \$	1,780,518.18	3.11 \$	2,367,463			
Paul M. Hebert Law Center	0.10 \$	799,962.40	0.00 \$	-	0.00 \$	-			
Athletic Department	0.00 \$	-	1.70 \$	8,587.50	0.00 \$	-			
Total as of January	920.00 \$	346,237,887	821.00 \$	352,633,898	922.00 \$	302,763,090			
Total of Fiscal Year	1450.00 \$	573,620,388	1342.00 \$	611,052,234					

	Cumulative as of January 2018						Cumulative as of January 2019							Cumulative as of January 2020						
	Jan - Continuing						Jan - Continuing						Jan - Continuing							
College	Jar	n - New (2018)		(2018)	Ja	n - Total (2018)	Jai	n - New (2019)		(2019)	Ja	an - Total (2019)	Jan	- New (2020)		(2020)	Jan	- Total (2020)		
Academic Services	\$	155,482.00	\$	117,905.00	\$	273,387.00	\$	689,779.00	\$	111,105.00	\$	800,884.00	\$	198,752.00	\$	84,951.00	\$	283,703.00		
Administrative	\$	1,785,255.00	\$	15,000.00	\$	1,800,255.00	\$	3,000.00	\$	1,857,930.00	\$	1,860,930.00	\$	2,250.00	\$	2,114,013.00	\$	2,116,263.00		
Auxiliaries	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
Center for Computation and Technology	\$	-	\$	74,911.00	\$	74,911.00	\$	-	\$	74,911.00	\$	74,911.00	\$	-	\$	74,913.00	\$	74,913.00		
Center for Energy Studies	\$	122,221.00	\$	97,596.00	\$	219,817.00	\$	556,737.00	\$	29,698.00	\$	586,435.00	\$	211,247.00	\$	-	\$	211,247.00		
Centers and Institutes	\$	511,130.00	\$	65,046.00	\$	576,176.00	\$	472,966.00	\$	948,135.00	\$	1,421,101.00	\$	431,896.00	\$	1,773,561.00	\$	2,205,457.00		
College of Agriculture	\$	70,704.00	\$	28,000.00	\$	98,704.00	\$	30,000.00	\$	5,689.00	\$	35,689.00	\$	51,960.00	\$	35,489.00	\$	87,449.00		
College of Art and Design	\$	41,670.00	\$	-	\$	41,670.00	\$	(293,906.00)	\$	-	\$	(293,906.00)	\$	91,000.00	\$	55,804.00	\$	146,804.00		
College of Business	\$	1,895,656.00	\$	-	\$	1,895,656.00	\$	298,281.00	\$	98,981.00	\$	397,262.00	\$	4,633,498.00	\$	8,833.00	\$	4,642,331.00		
College of Engineering	\$	9,878,734.00	\$	4,118,283.00	\$	13,997,017.00	\$	21,609,507.00	\$	6,615,752.00	\$	28,225,259.00	\$	5,868,319.00	\$	6,562,835.00	\$	12,431,154.00		
College of Human Sciences and Education	\$	2,196,759.00	\$	528,568.00	\$	2,725,327.00	\$	1,396,133.00	\$	825,381.00	\$	2,221,514.00	\$	2,855,878.00	\$	1,660,508.00	\$	4,516,386.00		
College of Humanities and Social Sciences	\$	1,083,262.00	\$	896,247.00	\$	1,979,509.00	\$	2,123,642.00	\$	327,405.00	\$	2,451,047.00	\$	1,362,306.00	\$	603,923.00	\$	1,966,229.00		
College of Music and Dramatic Arts	\$	32,000.00	\$	16,000.00	\$	48,000.00	\$	69,999.00	\$	32,000.00	\$	101,999.00	\$	15,984.00	\$	24,800.00	\$	40,784.00		
College of Science	\$	7,878,001.00	\$	8,469,130.00	\$	16,347,131.00	\$	9,526,659.00	\$	8,833,445.00	\$	18,360,104.00	\$	13,521,428.00	\$	8,311,303.00	\$	21,832,731.00		
College of the Coast and Environment	\$	1,690,971.00	\$	913,431.00	\$	2,604,402.00	\$	367,209.00	\$	3,109,155.00	\$	3,476,364.00	\$	2,085,262.00	\$	470,089.00	\$	2,555,351.00		
Continuing Education	\$	648,646.00	\$	-	\$	648,646.00	\$	1,897,153.00	\$	250,000.00		2,147,153.00	\$	1,041,570.00	\$	250,000.00	\$	1,291,570.00		
Facility and Property Oversight	\$	-	\$	-	\$	-	\$	· · ·	\$	· -	\$		\$	· · ·	\$	· -	\$			
Graduate School	\$	503,000.00	\$	205,000.00	\$	708,000.00	\$	54,000.00		756,000.00	\$	810,000.00	\$	40,500.00	\$	555,167.00	\$	595,667.00		
Information Technology Services	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$		\$	-		
Libraries	\$	24,132.00	\$	-	\$	24,132.00	\$	2,160.00	\$	-	\$	2,160.00	\$	-	\$	-	\$	-		
Louisiana Sea Grant	\$	639,885.00	\$	84,777.00	\$	724,662.00	\$	1,024,353.00	\$	418,450.00	\$	1,442,803.00	\$	402,159.00	\$	836,218.00	\$	1,238,377.00		
Museums	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	· -	\$	-		
Paul M. Hebert Law Center	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
School of Mass Communication	\$	181,459.00	\$	-	Ś	181,459.00	\$	30,240.00	Ś	179,004.00	Ś	209,244.00	Ś	2.000.00	Ś	11,220.00	\$	13,220.00		
School of Veterinary Medicine	\$	2,531,734.00	\$	1,616,591.00	\$	4,148,325.00	\$	2,322,060.00	\$	2,075,143.00	\$	4,397,203.00	\$	6,931,311.00	\$	432,024.00	\$	7,363,335.00		
SNCSRT	\$	24,925,588.00	\$	6,184,748.00	\$	31,110,336.00	\$	26,725,278.00	\$	7,133,955.00	\$	33,859,233.00	\$	30,912,937.00	\$	2,472,624.00	\$	33,385,561.00		
Student Services	\$	225,360.00	\$	21,375.00	\$	246,735.00	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
University College	\$	337,838.00	\$	355,757.00	\$	693,595.00	\$	-	\$	668,043.00	\$	668,043.00	\$	-	\$	698,104.00	\$	698,104.00		
VP Research and Economic Development	\$	-	\$	-	\$	· -	\$	25,000.00	\$	· -	\$	25,000.00	\$	-	\$	•	\$	-		
VP Strategic Initiatives	\$	1,281,331.00	\$	-	\$	1,281,331.00	\$	235,685.00	\$	588,551.00	\$	824,236.00	\$	5,000.00	\$	987,667.00	\$	992,667.00		
Athletics	\$	-	\$	-	\$	=	\$	5,000.00		-	\$	5,000.00	•	-	\$		\$	-		
Total as of January	\$	58,640,818.00	\$	23,808,365.00	\$	82,449,183.00	\$	69,170,935.00	\$	34,938,733.00	\$	104,109,668.00	\$	70,665,257.00	\$	28,024,046.00	\$	98,689,303.00		
Total of Fiscal Year	Ė	. , ,		\$134,694,428	Ė	,	Ė	, ,		\$150,299,926	Ė	,	·			\$0		, ,		

First Level Cost Center Hierarchy		Jan-2018	FY 2018	Jan-2019	FY 2019		Jan-2020	
Athletics	\$	-	\$ -	\$ -	\$ 5,000	\$	-	
Assoc VP Administration and IT/CIO	\$	28,500	\$ 28,500	\$ -	\$ -	\$	-	
Center for Academic Success	\$	72,717	\$ -	\$ 86,046	\$ -	\$	125,622	
Center for Computation and Technology	\$	1,150,436	\$ 1,953,245	\$ 1,411,543	\$ 2,248,123	\$	1,556,979	
Center for Energy Studies	\$	337,527	\$ 789,828	\$ 351,855	\$ 484,846	\$	219,230	
Centers and Institutes	\$	984,520	\$ 1,984,838	\$ 937,849	\$ 1,880,332	\$	1,187,657	
College of Agriculture	\$	262,477	\$ 405,921	\$ 200,262	\$ 415,554	\$	186,938	
College of Art and Design	\$	6,862	\$ 26,556	\$ 32,274	\$ 37,346	\$	2,513	
College of Business	\$	2,435,710	\$ 4,472,010	\$ 2,299,566	\$ 4,071,448	\$	2,105,593	
College of Engineering	\$	12,348,803	\$ 23,368,054	\$ 14,712,435	\$ 24,616,113	\$	12,697,913	
College of Human Sciences and Education	\$	2,052,457	\$ 3,010,674	\$ 1,472,123	\$ 2,783,420	\$	2,270,136	
College of Humanities and Social Sciences	\$	2,316,542	\$ 4,333,919	\$ 2,289,931	\$ 3,786,509	\$	1,895,705	
College of Music and Dramatic Arts	\$	11,175	\$ 74,043	\$ 19,727	\$ 83,726	\$	42,802	
College of Science	\$	14,060,923	\$ 24,650,335	\$ 13,764,492	\$ 24,816,747	\$	13,494,950	
College of the Coast and Environment	\$	4,305,178	\$ 7,960,008	\$ 4,015,273	\$ 6,908,906	\$	4,315,073	
Continuing Education	\$	881,891	\$ 1,499,484	\$ 873,619	\$ 2,116,247	\$	524,985	
Dean of Students	\$	-	\$ -	\$ -	\$ -	\$	-	
Executive VP and Provost	\$	4,586	\$ 6,583	\$ -	\$ -	\$	-	
Facility and Property Oversight	\$	-	\$ -	\$ -	\$ -	\$	-	
Graduate School	\$	444,097	\$ 772,507	\$ 485,914	\$ 720,879	\$	392,580	
Human Resource Management	\$	12,997	\$ 112,070	\$ (102)	\$ (102)	\$	-	
Information Technology Services	\$	883,676	\$ 1,514,178	\$ 1,099,539	\$ 1,868,326	\$	1,726,038	
International Programs	\$	-	\$ 62,365	\$ -	\$ 58,646	\$	-	
LSU Police	\$	-	\$ 12,179	\$ 2,682	\$ 712	\$	-	
Libraries	\$	88	\$ 3,642	\$ 10,630	\$ 14,755	\$	6,716	
Louisiana Sea Grant	\$	1,575,984	\$ 2,909,819	\$ 1,914,526	\$ 3,305,936	\$	1,757,420	
Paul M. Hebert Law Center	\$	3,073	\$ 3,073	\$ -	\$ -	\$	(21)	
SNCSRT	\$	18,854,862	\$ 34,396,284	\$ 19,415,776	\$ 36,144,375	\$	21,542,145	
School of Mass Communication	\$	216,260	\$ 260,501	\$ 363,143	\$ 438,895	\$	23,316	
School of Veterinary Medicine	\$	5,421,461	\$ 11,775,026	\$ 5,775,176	\$ 13,357,789	\$	7,668,264	
Student Health Center	\$	96,433	\$ 227,296	\$ 25,068	\$ 33,973	\$	2,559	
University College	\$	415,188	\$ 697,647	\$ 409,928	\$ 687,492	\$	426,124	
VP Research and Economic Development	\$	45,250	\$ 51,460	\$ 38,817	\$ 155,327	\$	14,376	
VP Strategic Initiatives	\$	647,130	\$ 1,119,522	\$ 683,417	\$ 1,174,082	\$	905,331	
VP Student Affairs	\$	-	\$ -	\$ -	\$ -	\$	22,072	
VProvost Academic Programs and Support Services	\$	699,650	\$ 1,424,849	\$ 461,829	\$ 1,369,785	\$	302,458	
Total	\$	70,576,449	\$ 129,906,418	\$ 73,153,339	\$ 133,585,187	4	75,415,474	

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

Note: CC00401 was transferred to the Center for Academic Success from VProvost Academic Programs and Support Services in August 2019.