



Combined Proposal and Award Activity Report

Prepared by Office of Sponsored Programs
& Sponsored Program Accounting

October 2019

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

Proposals Submitted by OSP: p. 6-13

Awards Budgeted by SPA: p. 14-18

Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 19-21

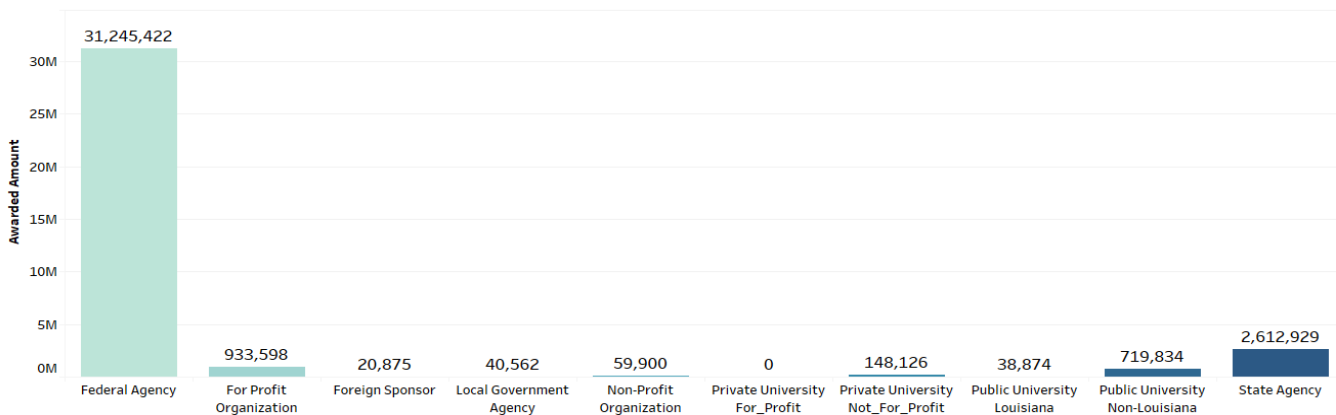
SUMMARY

October 1, 2019 through October 31, 2019

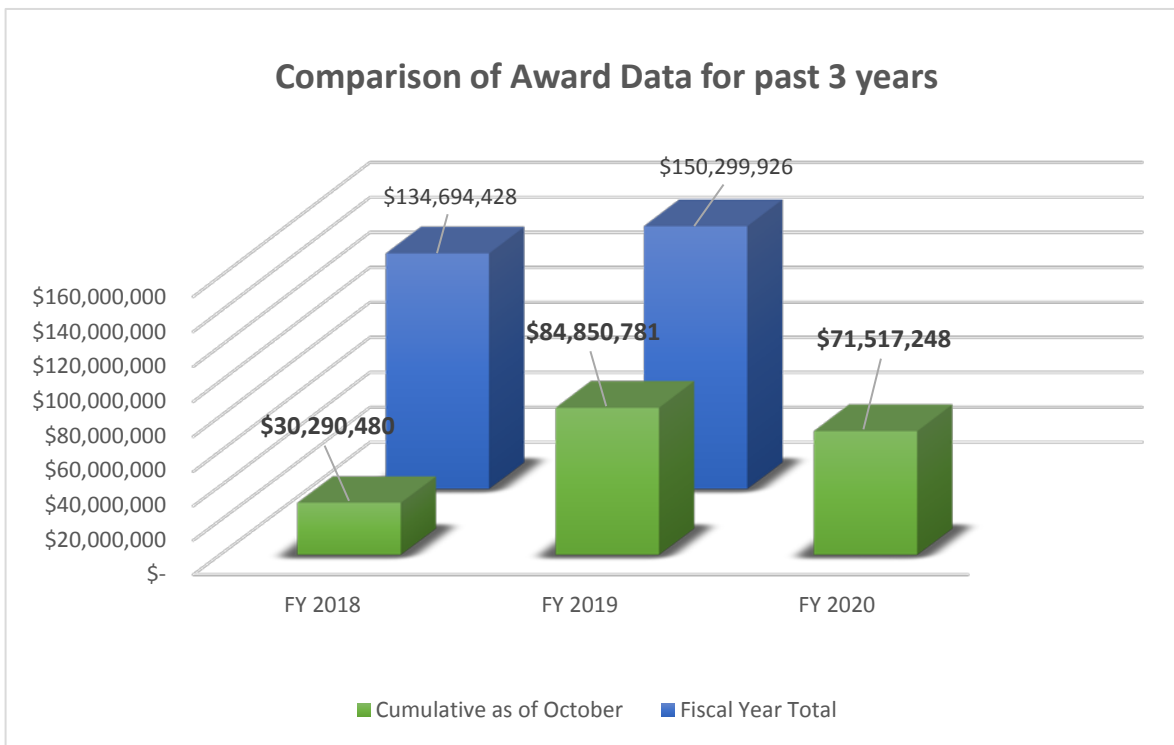
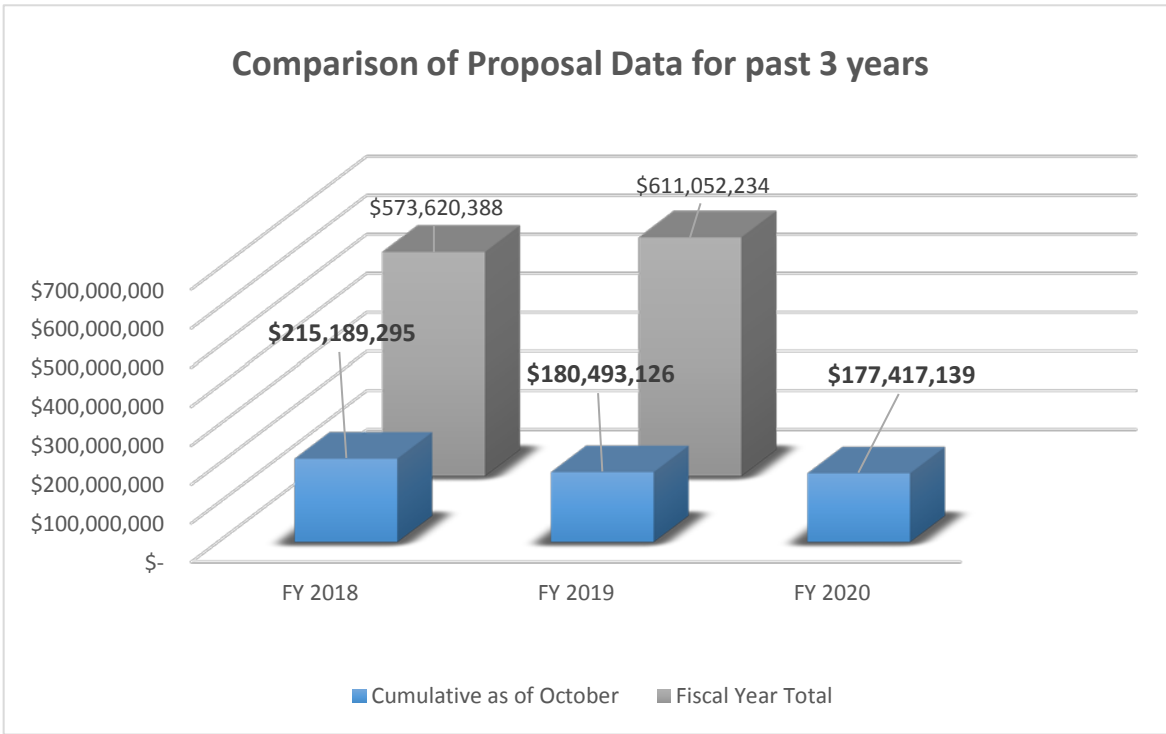
		October 2019		July - October 2019
Proposals Submitted by OSP	171	\$ 62,203,086	\$	177,417,139
Awards Budgeted by SPA	70	\$ 35,820,120	\$	71,517,248
Expenditures	--	--	\$	44,644,461

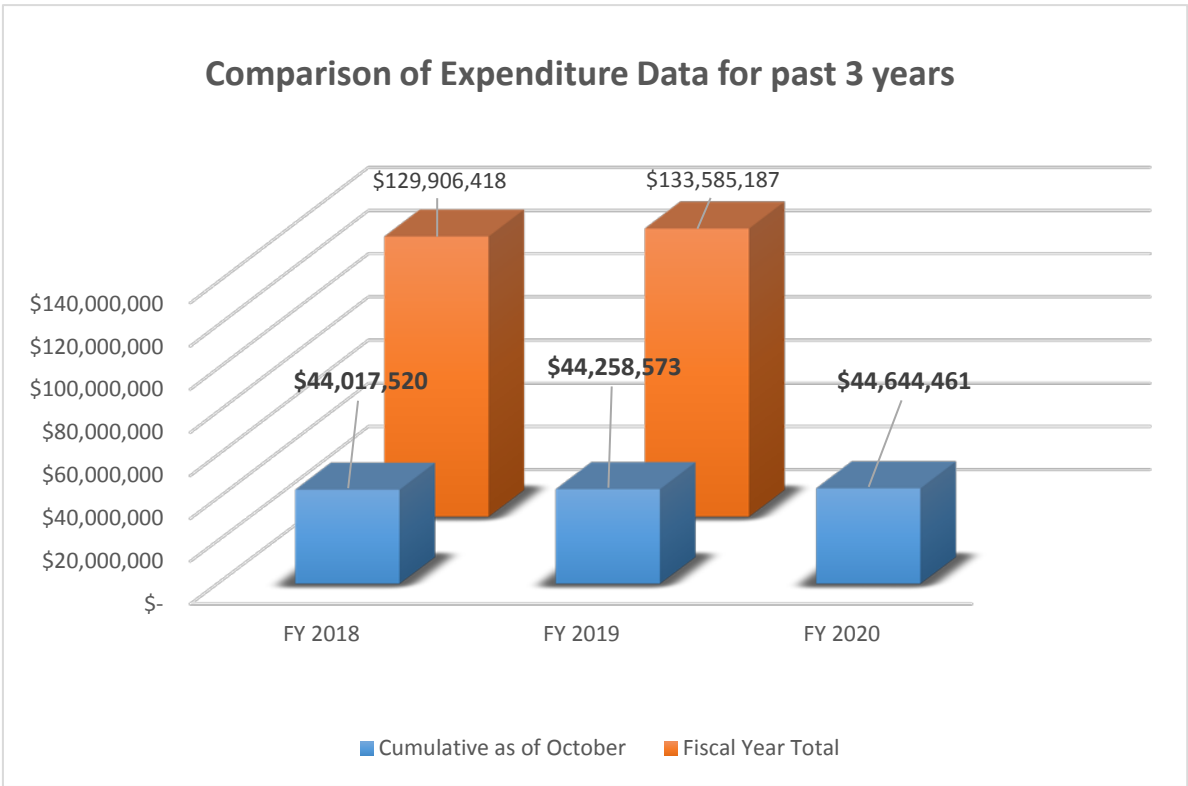
Awards by Sponsor October 2019

Sponsor Type	Number of Awards	Awarded Amount
Federal_Agency	28	\$ 31,245,422
For_Profit_Organization	7	\$ 933,598
Foreign_Sponsor	1	\$ 20,875
Local_Government_Agency	2	\$ 40,562
Non-Profit_Organization	6	\$ 59,900
Private_University-For_Profit	0	\$ -
Private_University-Not_For_Profit	2	\$ 148,126
Public_University-Louisiana	1	\$ 38,874
Public_University-Non-Louisiana	8	\$ 719,834
State_Agency	15	\$ 2,612,929
TOTAL	70	\$ 35,820,120



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

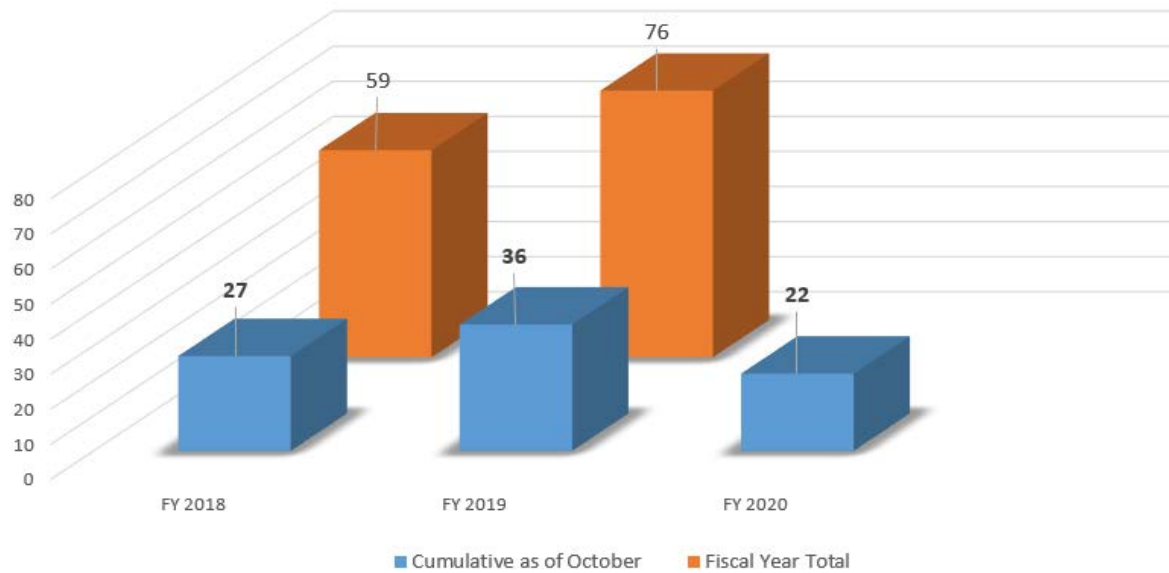




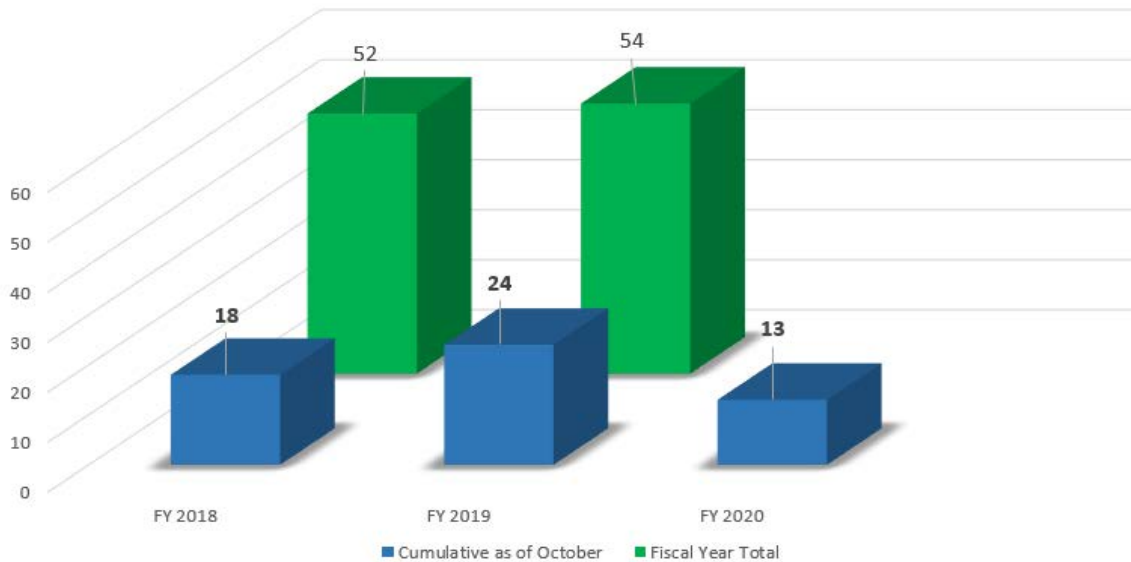
Report Footnotes: Proposal and award numbers are based off of project credit at time the report is generated.
 Expenditure numbers are based off of the cost center charged at time the report is generated.

Comparison of Invention & Patent & Revenue for past 3 years

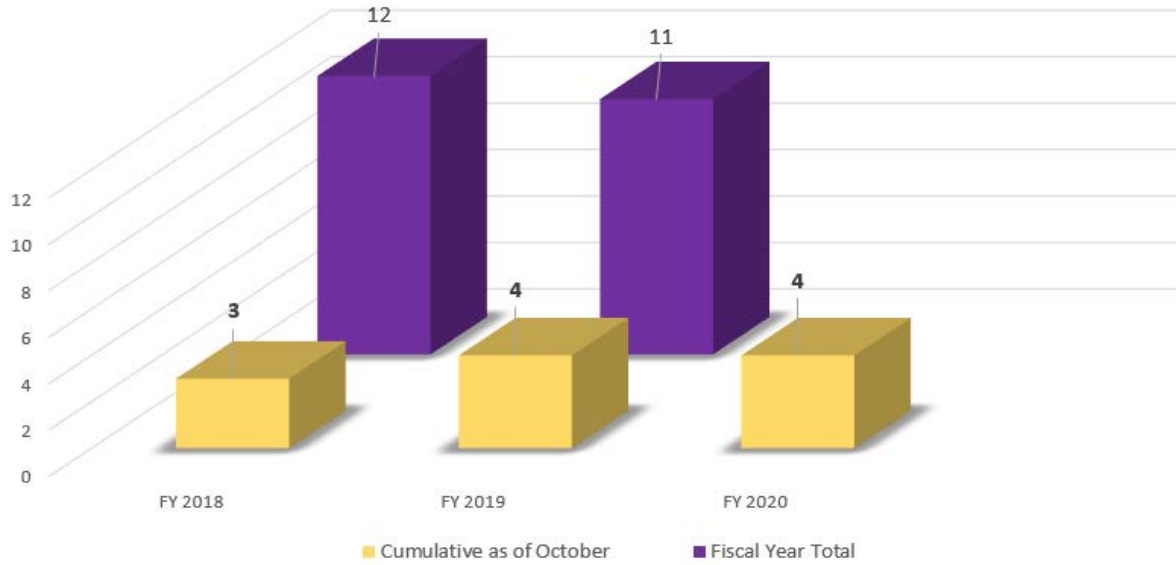
Comparison of Invention Disclosures



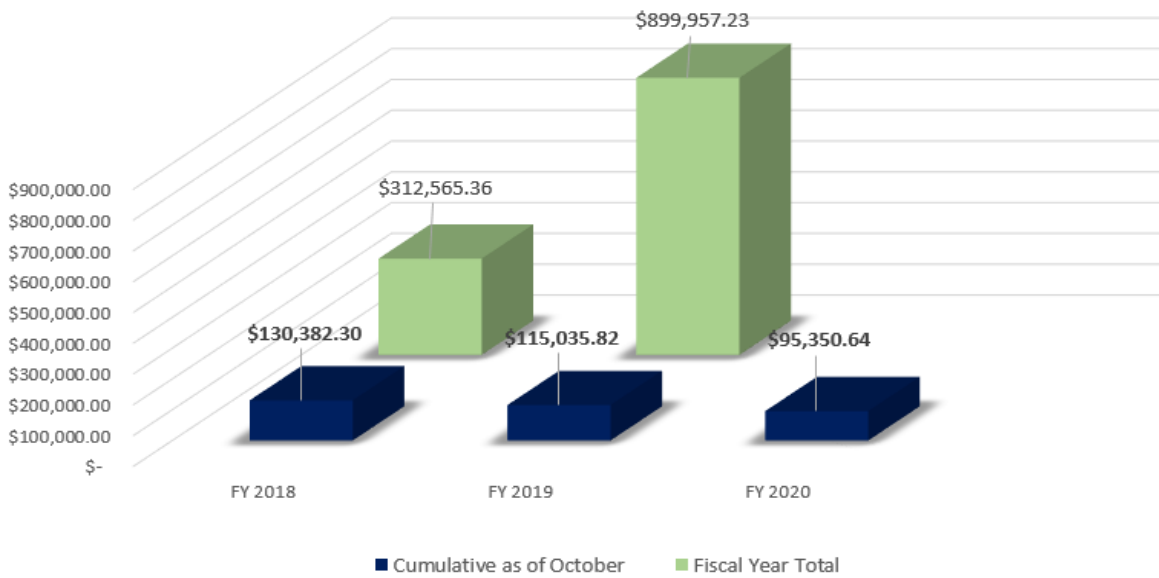
Comparison of Total U.S. Patent Applications



Comparison of Total U.S. Patents Issued



Comparison of Total Revenue for Licensing of Intellectual Property



Proposals Submitted by OSP

October 2019

<u>Principal Investigator</u> <u>Co-PI(s)</u>	<u>Type</u>	<u>Agency</u>	<u>Title</u>	<u>Amount</u>
Winter, Ty Whitney	P	Dept of Justice - DOJ	Prisoner Operations Division (POD) FY 2020	\$ 260,000
Norwood, Rhonda Guy	P	Northwestern State University	Title IV-E Child Welfare Project 2017- 2020	\$ 157,464
Wilmot, Chester G	P	Louisiana Transportation Research Center (LTRC)	ITE Trip Generation Modification Factors for Louisiana	\$ 416
Guo, Shengmin	P	University of Alabama in Huntsville	Thermal Protection System Testing	\$ 2,000
Giaime, Joseph A	P	California Institute of Technology	Head of Livingston Laser Interferometer Gravitational Wave Observatory	\$ 139,612
DeLong, Kristine L	P	Haus der Kulturen der Welt Museum	Cayman Corals as an Anthropocene Marker for the Tropical Atlantic Project with the Anthropocene Working Group	\$ 44,838
Doerrler, William Jr	P	National Institutes of Health - NIH	Role of a conserved Burkholderia membrane protein in intrinsic colistin resistance	\$ 389,028
Costello, Gina Raye	C	University of Nevada, Las Vegas	...And 25 of our closest friends: the Louisiana Digital Library as Community-Focused Data	\$ 49,845
Ziegler, Scott	P			
Cardin, Rhonda Diane	P	Association of American Veterinary Medical Colleges-AAVMC	2019 The Boehringer Ingelheim Veterinary Scholars Program	\$ 3,456
Taboada, Joseph				
Laine, Roger A	P	National Institutes of Health - NIH	Purification, Tumor Hemorrhage Activity and Molecular Characterization of the Serratia Marcescens API of Coley's Toxin	\$ 666,000
Bart, Sophie A	P	National Science Foundation - NSF	Collaborative Research: Developing Records of Hydroclimate Variability in the Southeastern United States over the Holocene	\$ 177,583
Zimmer, Andrew	P	National Science Foundation - NSF	Geometry in several complex variables	\$ 251,880
Baumgartner, Jennife	C	National Endowment for the Arts - NEA	Playing with Ecological Robots: Encouraging STE(A)M in Early Childhood	\$ 55,308
de Queiroz, Marcio	C			
Gilbert, Hunter Brya	C			
Harmon, Brendan	C			
Nam, Hye Yeon	P			
Armbrust, Kevin Lawr	C	Environmental Protection Agency - EPA	A Total Environment Approach to Flood Resilience in an Industrial Urban Landscape	\$ 793,284
Estes, Tammara	C			
Lam, Siu Ngan	C			
Lomnicki, Slawomir	C			
Reams, Margaret Anne	C			
Snyder, Brian F	P			
Guo, BeiBei	C	American Cancer Society	Personalized evaluation of radiotherapy techniques for breast cancer	\$ 787,636
Zhang, Rui	P			
Long, Ling	P	National Science Foundation - NSF	Hypergeometric Functions and Modular Forms	\$ 297,264
Tu, Fang-Ting	C			
Zeitlin, Anton	P	National Science Foundation - NSF	ENUMERATIVE INVARIANTS, FLAT CONNECTIONS AND SUPERGEOMETRY	\$ 237,791
Huang, Weishan	P	National Institutes of Health - NIH	Molecular and Functional Heterogeneity of therapeutic T cells in allergic airway inflammation	\$ 1,863,076
Penn, Arthur L	C			
Marley, Scott T	P	Dept of Energy - DOE	Investigating the Structure and Decay Properties of Unstable Nuclei	\$ 410,000
Castle, Ralph Ray	P	National Marrow Donor Program	Be the Match Marrow Donation	\$ 1,000
Chen, Senlin	P	National Institutes of Health - NIH	Adaptation, Implementation, and Sustained Impact of an Evidence-based Adolescent Obesity Prevention Intervention in Rural Louisiana Schools	\$ 3,022,640
Dowling, Jonathan	P	Dept of Army, Research Office	Quantum Computation to Quantum Sensing, Imaging and Metrology	\$ 247,278
Butler, Leslie G	C	Adelphi Technology, Inc.	Lignose and Sugar Quantification in Living Biofuel Plants	\$ 119,896
Schneider, Gerald Jo	P			
Aymond, Patti	P	National Center for Women & Information Technology (NCWIT)	Learning Circles for Recruiting and Retaining Females in Computer Science at LSU	\$ 10,000
Jones, Sarah Cooley	C			
Lee, Yong-Hwan	P	National Institutes of Health - NIH	Tumorigenic Roles of Covalent Control of PFKFB3	\$ 1,791,835
Emami, Niloufar	P	LSU Foundation	Buoyant Concrete: Investigations of precast concrete systems at the intersection of water and land	\$ 99,996
Okeil, Ayman M	C			
Sun, Chao	C			

Calamia, Matthew Ray	P	LSU- Pennington Biomedical Research Center	Driving performance and cognitive change in the continuum of cognitively normal, mild cognitive impairment, and dementia	\$	1,331,073
Moles, Aimee	C	Louisiana Department of Education	Project Advancing Wellness and Resilience Education (AWARE)	\$	422,734
Purser, Carolin	C				
Rhodes, Judith Lee	P				
Noell, George Jr	C	Louisiana Department of Education	AWARE: Louisiana School Behavioral Health Support Program	\$	410,154
Rhodes, Judith Lee	P				
Harms, Kyle E	P	Texas Ecological Laboratory	The formation of the phytochemical landscape of sodium across natural settings in Texas	\$	68,384
Santiago-Rosario, Lu	C	National Science Foundation - NSF	Collaborative Research: Syzygy Methods for Polynomial Systems	\$	199,222
Hoffman, Jerome W	P				
Brumfield, Robb Thom	P	University of Connecticut	Leveraging Non-Model Organisms and Comparative Methods To Understand Microbiome Evolution	\$	150,000
Xie, Weiwei	P	Johnson & Johnson	Emergent Quantum Phenomena in Superconducting Materials	\$	150,000
Lomnicki, Slawomir	P	North Carolina State University	Multimedia exposure pathways of particulate matter contamination released by open thermal treatment of hazardous waste in Colfax, LA and potential health impacts	\$	89,556
Sumners, Glenn E	P	Institute of Internal Auditors Research Foundation	LSUCIA - Internal Audit Foundation Academic Fund #18	\$	12,000
Lorenzo, Juan M	P	NASA Marshall Space Flight Center	Analog Lunar Environment for Advancing Seismic Studies (ALEASS)	\$	232,512
Wang, Qingyang	P	National Science Foundation - NSF	EAGER: Subtle and Harmful: Millisecond-scale Viral Denial of Service (VDoS) Attacks	\$	200,000
Wylie, Kathleen Bard	P	Social Security Administration	Social Security Administration, Office of the Inspector General Hotline	\$	720,000
Bohnert, Adam	P	National Institutes of Health - NIH	Transgenerational regulation of organelle function and homeostasis	\$	1,739,734
Mitchell, Roland W	C	Board of Regents - BOR	Board of Regents Graduate Fellow Program 2020-2023	\$	90,000
Richardson, Malcolm	P				
Rovaris, Dereck Jose	C				
Wicks, Carol M	C				
Karki, Bijaya B	P	National Science Foundation - NSF	Collaborative Research: Understanding the Role of Hydrogen and Melting in the Water Transport Across the Transition Zone-Lower Mantle Boundary	\$	204,289
Kim, Joomyeong	P	National Institutes of Health - NIH	Lineage sorting based on the variable gene dosages of Peg3	\$	1,850,000
Beck, Melissa R	C	National Science Foundation - NSF	Exploring the Impact of Cognitive Processing Styles on Multidisciplinary Learning in Building Design and Engineering	\$	627,275
Emami, Niloufar	C				
Zhu, Yimin	P				
Emami, Niloufar	P	Johnson & Johnson	Design and fabrication of additive flexible formwork for the construction of concrete modules	\$	147,000
Huang, Weishan	P	National Institutes of Health - NIH	Regulatory T cell stability and fate conversion during mucosal inflammation	\$	1,850,000
Johnson, Alyssa	P	National Institutes of Health - NIH	Tubular lysosomes in health and disease	\$	1,738,743
Curry, Jennifer	A	Bureau of Justice Assistance	An Academic-Based Training Initiative to Improve Police Responses for People with Mental Illness and Intellectual and Developmental Disabilities	\$	2,254,000
Dinecola, Cassie M	A				
Mayne, Jeffrey S	P				
Wittenberg, Brittany	A				
Persaud, Patricia	P				
Persaud, Patricia	P	Johnson & Johnson	Better Earth Models for Locating Man-Made Earthquakes in Louisiana	\$	146,359
Bulut, Aynur	P	Johnson & Johnson	2020 J&J WiSTEM2D Scholars Award Program	\$	150,000
Nam, Hye Yeon	P	Johnson & Johnson	Robots in Nature	\$	150,000
Devireddy, Ramachand	P	National Institutes of Health - NIH	MITOCHONDRIAL FUNCTION IN FROZEN-THAWED ADULT STEM CELLS	\$	536,337
Herrmann, Achim	P	American Chemical Society	Provenance analysis of clastic turbidites in the Camerino Basin (Apennines, Italy): A garnet geochemistry approach	\$	110,000
Ogundele, Olalekan M	P	National Institutes of Health - NIH	SK channel regulation of firing rate homeostasis in the hippocampal neural network	\$	1,789,044
Doran, Peter	P	Stone Aerospace/ PSC, Inc.	MicroX: Miniaturized Intelligent Cave-diving RObotic eXplorer	\$	104,342

Ogundele, Olalekan M	P	National Institutes of Health - NIH	Functional significance of the VTA-glutamate terminals in hippocampal working memory encoding	\$	1,296,964
Sun, Chao	P	Louisiana Transportation Research Center (LTRC)	2019-20 Capstone Senior Design Projects, LSU (National Concrete Canoe Competition)	\$	5,000
Yao, Shaomian	P	Board of Regents - BOR	Molecular base of loss of osteogenic differentiation capability in human tissue-derived stem cells	\$	19,875
Feng, Jiming	P	National Institutes of Health - NIH	Immunotherapeutic potential of golgi peptide in experimental allergic encephalomyelitis (EAE)	\$	360,558
Casper, William	P	National Science Foundation - NSF	Noncommutative Algebra, Integrable Systems and Special Functions	\$	122,813
Kroeger, Rhiannon	P	Ohio State University	Declining Teen Fertility and Increasing Population Heterogeneity within the Latino/Hispanic Population	\$	42,080
Buckner, Julia D	C	University of North Carolina at Charlotte	A Cross-National Multi-Method Examination of Entrapment and Suicide	\$	104,918
Tucker, Raymond	P				
Cormier, Stephania A	P	National Institutes of Health - NIH	Systems genetics investigation of susceptibility to RSV induced acute lower respiratory tract infection	\$	407,000
Destouni, Aspasia					
Dorman, James	C	National Institutes of Health - NIH	Harmful algal bloom toxin monitoring by ligand responsive luminescent nanomaterials	\$	139,360
Melvin, Adam Thomas	P				
Heidelberg, Roy Lest	C	LA Department of Health(was LA Dept of Health & Hospitals)	Analysis and Projection of Medicaid Enrollees	\$	127,758
Llorens, Jared James	C				
Richardson, James A	P				
Mukhopadhyay, Suprat	P	Rhombus Power Inc.	Practical Causal Models	\$	109,344
Grove, Anne	P	National Institutes of Health - NIH	Regulation of a gene associated with c-di-GMP production and biofilm formation in Vibrio cholerae	\$	138,876
Tucker, Raymond	P	American Foundation for Suicide Prevention (AFSP)	Transgender and Gender Diverse Veteran Transition Related Medical Intervention: Prevalence, Access, and Relationship with Current and Historical Suicidal Thoughts and Behaviors	\$	89,458
Sage, Daniel S	P	National Science Foundation - NSF	Connections and q-connections, geometric Langlands, and modular Schur-Weyl duality	\$	229,665
Long, Ling	C	National Security Agency (NSA)	Southern Regional Number Theory Conference	\$	21,990
Tu, Fang-Ting	P				
Martinez, Juan Jose	P	National Institutes of Health - NIH	Ankyrin-repeat proteins (ARPs) in Spotted Fever Group Rickettsia	\$	389,590
Bohnert, Adam	P	National Institutes of Health - NIH	Lysosomes in spermatocyte development and male reproductive health	\$	399,244
Johnson, Alyssa	P				
Mehraeen, Shahab	P	University of Louisiana at Lafayette	Investigation of Inverter-Based Watt and VAR Control Techniques along with Storage Systems to Enable High Solar Penetration Case Study: Selected Medium Voltage Feeders Powered by Entergy Louisiana	\$	36,792
Spivey, James Jerome	P	Pennsylvania State University	Catalytic gasification of liquid-CO2/coal/biomass with a drop tube furnace	\$	381,947
Dalecki, Marc	P	National Institutes of Health - NIH	Combined Aerobic and Resistance Exercise to improve T-cell metabolism and Cognitive-Motor function in older adults with Type 2 Diabetes - CARE trial	\$	419,002
Irving, Brian A	C				
Spielmann, Guillaume	P				
Beck, Melissa R	C	Board of Regents - BOR	Neuroscience Equipment and Training to Enhance Student Research Outcomes through LSU MIND (Multidisciplinary Initiative for Neuroscience Discovery)	\$	997,278
Cox, Christopher	C				
Donovan, Neila J	C				
Duncan, Susan	C				
Elliott, Emily Marie	P				
Greening, Steven Gra	C				
Haebig, Eileen	C				
Hartzheim, Daphne Ur	C				
Lucas, Heather	C				
Magana-Loaiza, Omar	P	Board of Regents - BOR	Multiphoton Quantum Simulation through the Control of	\$	199,708
Brumfield, Robb Thom	P	National Geographic Society	Avian exploration of the remote Cordillera Azul	\$	29,820
Tucker, Raymond	P	Oklahoma State University	Identifying Concealed Suicide Ideation via Implicit Cognition	\$	22,803

Barbalata, Corina	C	Board of Regents - BOR	LSU Advanced Manufacturing Minor and Manufacturing Unit	\$	164,706
Gilbert, Hunter Brya	C				
Ikuma, Laura H	C				
Jeon, Hyun Woo	P				
Knapp, Gerald M	C				
Palardy, Genevieve	C				
Bharti, Bhuvnesh	C	Board of Regents - BOR	SAXS multi-purpose sample environment based on a modular size exclusion chromatography instrument	\$	162,088
Cherry, Michael L	C				
Schneider, Gerald Jo	C				
Siebenbuerger, Miria	P				
Zhang, Donghui	C				
Daniel, Annie Jean H	P	Board of Regents - BOR	Developing a Pipeline to Healthcare Careers by Preparing Underrepresented Minority Undergraduate Students to Enter a Career in Healthcare through Mentorship	\$	830,500
Draayer, Jerry P	C	Michigan State University	FRIB Theory Bridge Faculty Program	\$	-
Launey, Kristina Dim	P				
Kim, Yunjung	P	National Institutes of Health - NIH	Toward an articulatory model of speech intelligibility in Parkinson's disease: A segment-specific approach	\$	370,714
Gilroy, Shawn	P	Auburn University	Quantifying errors of bias and discriminability during conditional discriminations in children diagnosed with ASD	\$	3,406
Coghill, Lyndon Mich	C	American Kennel Club (AKC) Canine Health Foundation	Identification of the Genetic Basis of Pigment-Related Congenital Deafness in Dogs	\$	105,365
Strain, George M	P				
Jung, Jangwook	P	American Heart Association	Engineering basement membrane proteoglycans to promote cardiac repair after myocardial infarction	\$	231,000
Emami, Niloufar	P	Architectural Research Centers Consortium (ARCC)	Flexi-form: design and fabrication of additive flexible formwork for the design of concrete interlocking modules	\$	5,000
Gartia, Manas Ranjan	P	American Heart Association	Molecular imaging of doxorubicin-induced cardiomyopathy using polarized second harmonic generation (SHG) microscopy	\$	231,000
Wang, Jianwei	P	American Chemical Society	Molecular modeling of interactions of geological fluids with earth materials in reservoir rock	\$	110,000
Johnston, Andrea	C	National Institutes of Health - NIH	BPH/5: A model of maternal obesity and non-alcoholic fatty liver disease as risk factors for preeclampsia	\$	407,000
Sones, Jennifer Lifo	P				
Faircloth, Brant C	P	Board of Regents - BOR	A DNA Tapestation to Support Genomic Analyses in Biological Sciences	\$	29,070
Bargu Ates, Sibel	C	Board of Regents - BOR	Acquisition of sample preparation instrumentation to improve research and teaching in the Biological Sciences	\$	107,437
Dassanayake, Maheshi	C				
Herrmann, Achim	P				
Smith, Aaron P	C				
Bharti, Bhuvnesh	P	Board of Regents - BOR	Ecofriendly and cost-effective alternative for oil spill cleanup	\$	39,975
Chen, Yuanhang	C	Board of Regents - BOR	Below Ground Truth	\$	999,444
Romagnoli, Jose A	C				
Sharma, Jyotsna	C				
Taylor, Charles	P				
Trahan, Gregory Geor	A				
Tyagi, Mayank	C				
Williams, Wesley C	C				
Zhou, Xiangwei	C				
Zimmer, David R	A				
Gaschen, Frederic P	C	American College of Veterinary Internal Medicine (ACVIM)	Fellowship in small animal gastroenterology-hepatology	\$	25,000
Johnston, Andrea	P				
Plummer, Earl Ward	P	W.M. Keck Foundation	Novel instrumentation for probing dynamical behavior in quantum materials	\$	1,000,000
Sprunger, Phillip	C				
Zhang, Jiandi	C				

Arges, Christopher G	C	Board of Regents - BOR	Departmental Enhancement: Empower Research for Industry Engagement	\$	1,000,000
Bharti, Bhuvnesh	C				
Devireddy, Ramachand	C				
Francis, Joseph	C				
Gartia, Manas Ranjan	C				
Guo, Shengmin	C				
Ikuma, Laura H	C				
Jeon, Hyun Woo	C				
Jung, Jangwook	C				
Khonsari, Michael M	C				
Kizilkaya, Orhan	C				
Li, Guoqiang	C				
Martin, Elizabeth Ca	C				
Melvin, Adam Thomas	C				
Meng, Wen Jin	C				
Menon, Shyam K	C				
Monroe, William Todd	C				
Mukhopadhyay, Suprat	C				
Nahmens, Isabelina	C				
Nikitopoulos, Dimitr	P				
Palardy, Genevieve	C				
Park, Kidong	C				
Park, Sunggook	C				
Sharma, Jyotsna	C				
Wahab, Muhammad A	C				
Wang, Ying	C				
Xu, Jian	C				
Yao, Shaomian	C				
Bharti, Bhuvnesh	C	Board of Regents - BOR	Robotic Diagnostic Tools for Biomedical and Materials Applications using Multiphoton Endoscopic Probe	\$	160,000
Choi, Jin-Woo	C				
de Queiroz, Marcio	C				
Devireddy, Ramachand	C				
Francis, Joseph	C				
Gartia, Manas Ranjan	P				
Gilbert, Hunter Brya	C				
Haber, Louis H	C				
Jeon, Hyun Woo	C				
Jung, Jangwook	C				
Li, Guoqiang	C				
Menon, Shyam K	C				
Palardy, Genevieve	C				
Park, Kidong	C				
Park, Sunggook	C				
Wang, Ying	C				
Xu, Jian	C				
Barbalata, Corina	C	Board of Regents - BOR	Smart robotic composites manufacturing research laboratory	\$	155,983
Chen, Jianhua	C				
de Queiroz, Marcio	C				
Gilbert, Hunter Brya	C				
Ikuma, Laura H	C				
Jeon, Hyun Woo	C				
Knapp, Gerald M	C				
Li, Guoqiang	C				
Mukhopadhyay, Suprat	C				
Palardy, Genevieve	P				
Park, Seung-Jong	C				
Sun, Mingxuan	C				
Ye, Jinwei	C				
Blackburn, John	C	Board of Regents - BOR	Expanding Louisiana's Pipeline for Careers in Agricultural Leadership, Education, and Extension: A Statewide Partnership to Support Baccalaureate Degree Completion	\$	330,231
Roberts, Frank Richa	C				
Stair, Kristin S	P				
Laine, Roger A	P	National Institutes of Health - NIH	Isolating and Identifying the Streptococcus pyogenes API of Coley's Toxin Components	\$	407,000

Gilbert, Hunter Brya	C	Board of Regents - BOR	Targeted Departmental Enhancement Proposal: Updated Equipment for ME 4201 Machine Design Laboratory	\$	121,379
Li, Guoqiang	C				
Palardy, Genevieve	C				
Walker, Eamonn Daire	P				
Chaney, Cassandra D	A	Board of Regents - BOR	The Expansion of Online Curricular Offerings in LSU's Child and Family Studies Program	\$	710,624
Harmeyer, Erin	P				
Plauche, Hannah Pear	A				
Wittenberg, Brittany	C				
Cameron, Bruce	C	Board of Regents - BOR	Enhancement of Education and Research Infrastructure in Fashion Automation by Building a Holistic Fashion Technology Lab	\$	199,459
Liu, Chuanlan	C				
Stannard, Casey Rhea	C				
Xia, Sibe	P				
Heo, Jun	P	Board of Regents - BOR	Creative Sandbox Project: Enhancing the Collaborative and Creative Learning Environment	\$	77,938
Jeong, Yongick	C				
Park, Hyojung	C				
Porter, Lance	C				
Peng, Lu	P	Board of Regents - BOR	iChain: Intelligent Blockchain Connected Deep Learning Service Platform	\$	40,000
Irving, Brian A	P	Board of Regents - BOR	Enhancing Tools for Bioenergetic Analyses for Research and Teaching	\$	195,971
Spielmann, Guillaume	C				
Benton, Michael G	C	National Institutes of Health - NIH	Plasmonic Chiral Contrast Agents for Optical Coherence Tomography	\$	524,482
McPeak, Kevin Michae	P				
Davis, Thompson Elde	C	Board of Regents - BOR	Workforce Development: LSU Early Childhood Leaders Program	\$	999,979
Dicarlo, Cynthia F	P				
Balasuriya, Udeni	P	University of Illinois	Unified Request for Cooperative Agreement Funding for NAHLN Laboratories to Enhance Network Testing Capabilities and Capacities	\$	53,475
Gartia, Manas Ranjan	P	National Institutes of Health - NIH	High Resolution Second Harmonic Generation Imaging in Deep Tissue for Cardiac Remodeling Characterization	\$	589,158
Garno, Jayne C	P	National Science Foundation - NSF	Surface reactions and molecular assembly of trifunctional organosilanes at solid interfaces investigated with physical experiments and molecular simulations	\$	517,938
Kumar, Revati	C				
Duncan, Susan	P	University of New Orleans	Transcranial Direct Current Stimulation to Frontal Language Regions in Children with Autism Spectrum Disorder	\$	41,825
Kato, Naohiro	C	Board of Regents - BOR	Achieving commercial scale algae cultivation for sustainable nutraceutical production	\$	348,849
Snow, Samuel David	P				
Rao, Dandina N	P	Board of Supervisors of LSU and A&M College (Board)	Exploring the Applicability of Single-Well Gas-Assisted Gravity Drainage Process in Tuscaloosa Marine Shale Resource in Louisiana	\$	70,700
Cai, Chunsheng	P	Board of Regents - BOR	Cost Effective Engineered Rehabilitation and Construction of Residential Houses in Coastal Communities	\$	212,000
Garno, Jayne C	P	National Science Foundation - NSF	Collaborative Research: Electronic properties of porphyrin andphthalocyanine nanomaterials covalently linked to surfaces: Physicalexperiments and theoretical modeling	\$	401,199
Kizilkaya, Orhan					
Almeida, Mauricio Ag	P	Legacy Directional Drilling, LLC	Design and Construction of an Autonomous Drilling Rig Robot	\$	10,000
Taruffelli, Brittany	C	Public Sector Consultants, Inc.	Electricity Market Restructuring in the United States	\$	52,000
Upton, Gregory Brian	P				
Zhang, Donghui	P	National Science Foundation - NSF	Investigating the Effect of Coronal Charge Patterning on the Solution Structure of Amphiphilic Polypeptoid Multiblock Copolymers	\$	691,696
Balasuriya, Udeni	P	Dept of Agriculture - USDA	Building Animal Disease Diagnostic Testing Capacity within the National Animal Health Laboratory	\$	70,360
Haebig, Eileen	P	National Institutes of Health - NIH	Retrieval-Based Word Learning in Autism Spectrum Disorder	\$	446,731
Lawrence, Jimmy	P	American Chemical Society	Elucidating Phase Separation of Precision Polymeric Ligands to Access Chemically Anisotropic Nanomaterials and Programmable Nanostructures	\$	110,000
Murray, Kermit	P	National Science Foundation - NSF	Laser Ablation Microsampling for Mass Spectrometry Imaging	\$	466,075

Park, Kidong	P	Board of Regents - BOR	Rolled Scaffold Bioreactor for Biopharmaceutic production	\$	121,000
Mukhopadhyay, Suprat	P	Board of Regents - BOR	Commercialization of a Low Shot Recognition System for High Resolution Satellite Imagery	\$	40,000
Aly, Aly Mousaad	P	Board of Regents - BOR	Resilience-Based Integration of Solar Energy with Critical Infrastructure under Hurricanes	\$	154,293
Xu, Jian	P	Board of Regents - BOR	Design a proof-of-concept non-ionizing-radiation imaging scheme to aid the diagnosis of critical dental diseases that cannot be detected by the prevalent dental X-ray/CT	\$	40,000
Yao, Shaomian	C				
Xu, Jian	P	Board of Regents - BOR	Innovative Raman spectroscopic imaging system for intraoperative diagnosis in head and neck cancer surgery	\$	40,000
Saini, Yogesh	P	University of Texas Medical Branch	Role of High Mobility Group Box 1 protein in Respiratory Syncytial Virus Pathogenesis.	\$	106,895
Gilbert, Hunter Brya	P	Board of Regents - BOR	Smart, Portable Sleeve for Treatment of Lymphedema	\$	34,003
Jafari, Navid H	C	Board of Regents - BOR	Developing Disaster Debris Prediction and Management Frameworks by Integrating Urban-Level Building and Infrastructure Data	\$	218,042
Lee, Yongcheol	P				
Sun, Chao	P	Board of Regents - BOR	Developing a holistic structural health monitoring system for offshore wind farms	\$	210,188
Elgrishi, Noemie	C	National Science Foundation - NSF	Charge Transport and Reactivity in Glyme Based Electrolytes: A Multiscale Joint Computational and Experimental Investigation	\$	699,480
Kumar, Revati	P				
Kuroda, Daniel	C				
Rao, Dandina N	P	Board of Regents - BOR	Development of Gas-Assisted Gravity Drainage (GAGD) Process for Improving Oil Recovery from Tuscaloosa Marine Shale (TMS) Resource in Louisiana	\$	258,593
Lawrence, Jimmy	P	Board of Regents - BOR	Developing versatile additives to convert commodity polymers into high-value functional materials	\$	40,000
Almeida, Mauricio Ag	P	Board of Regents - BOR	Application of Distributed Fiber Optic Sensing for Improving Well Control	\$	319,872
Sharma, Jyotsna	C				
Clayton, Ashley Broo	P	Oregon State University	Institutional Agents: Exploring High School Counselors College Knowledge in California Title I Schools	\$	17,436
Saghayezhian, Mohamm	C	National Science Foundation - NSF	Tailoring Topologically Non-Trivial Quantum Spin Structures at Oxide Interfaces through Induced Non-Centrosymmetry	\$	493,561
Zhang, Jiandi	P				
Farasat, Mehdi	C	Board of Regents - BOR	A data-driven approach for enhancing electric power grid resilience against flood-induced hazards	\$	263,995
Kargarian Marvasti, Ozdemir, Celalettin	C				
Trepanier, Jill C	P	Board of Regents - BOR	Application of Distributed Fiber Optic Sensing for Sand Detection in Offshore Production	\$	255,082
Sharma, Jyotsna	C				
Williams, Wesley C	C				
Taylor, Charles	P	Board of Regents - BOR	Material Characterization of Amniotic Tissue	\$	212,439
Taylor, Charles	P	Board of Regents - BOR	Electrospun Heart Valve Leaflet with Immunoprivileged Material	\$	40,000
Zhou, Xiangwei	P	National Science Foundation - NSF	Collaborative Research: MLWiNS: Learning Inspired Vehicular Edge Networking for Harmonious Transportation Mobility	\$	249,999
Givens, Stephanie Re	P	University of Alaska/Fairbanks	Teaching Through Technologies	\$	5,000
Choi, Jin-Woo	P	Envirotronics, LLC	Development of a system for water desalination using	\$	32,000
Tucker, Raymond	P	Knexus Research Corporation	Automated Analysis and Identification of Risk Factors (AAIRF)	\$	5,000
Champney, Roberto	C	National Action Council for Minorities in Engineering	Proposed NACME and Louisiana State University Partnership 2020-2024: An Integrated Program for Improving College of Engineering URM Student Success at LSU	\$	275,000
Harvey, Craig M	C				
Jones, Sarah Cooley	P				
Brylinski, Michal	P	National Institutes of Health - NIH	Linking genotype to phenotype in complex diseases with intelligent informatics systems and panomics data science	\$	1,781,204
Busch, Konstantin	C				
Wu, Hsiao-Chun	C				
Gartia, Manas Ranjan	P	National Institutes of Health - NIH	Label-free lipidomics study using spectroscopy	\$	419,118
Gutfreund, Zevi	P	Spencer Foundation	Unmaking the New Orleans School Crisis: Exploring the Barriers to Integration After the Resistance of 1960	\$	50,000

Cardin, Rhonda Diane	P	University of Southern California	Small Molecule Inhibitors Targeting CMV	\$	887,817
Ditusa, John F	C	Board of Regents - BOR	Acquisition of low temperature, high magnetic field scanning tunneling microscope for research and education in Quantum Materials	\$	700,000
Jin, Rongying	C				
Kurtz, Richard L	C				
Plummer, Earl Ward	P				
Shelton, William All	C				
Sprunger, Phillip	C				
Stadler, Shane	C				
Young, David P	C				
Zhang, Jiandi	C				
Duncan, Susan	P	National Institutes of Health - NIH	Effects of Transcranial Direct Current Stimulation (tDCS) on Spaced Discourse Treatment for Chronic Post-Stroke Aphasia	\$	436,194
Spivak, David	P	National Science Foundation - NSF	A General Mechanophore Protecting Group for Organic Synthesis	\$	541,971
Dance, Michael	C	National Oceanic and Atmospheric Administration (NOAA)	Freshwater discharge variability in productive northern Gulf of Mexico estuaries	\$	433,097
Midway, Stephen R	C				
Miller, Paul	P				
White, John R	C				
Miller, Paul	P	National Oceanic and Atmospheric Administration (NOAA)	Understanding the Mechanisms Leading to Early Warning of Meteorological and Hydrological Drought in the U.S. Caribbean	\$	151,539
Sadek, Husam	P	Louisiana Tech University	A Novel and Cost-Effective Warm Mix Asphalt Additive Developed from an Industrial Waste in Louisiana: Field Trials and Advanced Laboratory Tests	\$	43,750
Devireddy, Ramachand	C	National Science Foundation - NSF	Understanding the Effect of Novel Plasma Coating to Prevent Implant Related Failures	\$	475,808
Doerrler, William Jr	C				
Gartia, Manas Ranjan	P				
Lam, Siu Ngan	P	National Oceanic and Atmospheric Administration (NOAA)	Integrating Quantifiable Impact Reporting and Drought Vulnerability Assessment for the Southern Plains Drought Early Warning region	\$	363,746
Mihunov, Volodymyr	C				
Jin, Rongying	C	National Science Foundation - NSF	Manifestation of Broken Symmetry in Layered Topological Quantum Materials: Surface versus Bulk	\$	642,950
Plummer, Earl Ward	P				
Walimuni Devage, Sun	P	Johns Hopkins University	Improving elemental characterization of features on Vesta and Ceres using Dawn GRaND data	\$	138,132
Dorman, James	P	National Science Foundation - NSF	The Role of Intermediate Structures in the Synthesis of Ferroelectric Nanomaterials	\$	312,660
Tobin, Kerri	P	Purdue University	Engaging Homeless/Unaccompanied Youth to Solve Community Engineering Problems	\$	374,785
Pojman, John Anthony	P	Dept of Navy	Reduction of Volatile Organic Compounds Through Development of Novel Next Generation Cure-On-Demand Ultra High Solid Non-Skid Coating	\$	144,970
Brandt, Steven Rober	P	National Science Foundation - NSF	Collaborative Research: Frameworks: The Einstein Toolkit ecosystem: Enabling fundamental research in the era of multi-messenger astrophysics	\$	427,321
Diener, Peter	C				
Mak, Chun Kuen	C	Grayson-Jockey Club Research Foundation Inc	Use of Alternogest to prevent pregnancy loss in Mares	\$	15,000
Pinto, Carlos R	P				
Taruffelli, Brittany	C	Board of Regents - BOR	Integrating Utility Scale Solar and Storage into the Transmission Grid: An Economics and Engineering Approach	\$	196,364
Upton, Gregory Brian	P				
Lee, Yongcheol	P	Board of Regents - BOR	Automated Building Code Compliance Checking and Disaster Resilience Evaluation of Building Information Models	\$	40,000
Lee, Kisung	C				
Gartia, Manas Ranjan	P	Board of Regents - BOR	An Automated, Low-Cost, and High-Throughput Complete Blood Count Analyzer	\$	40,000
Park, Sunggook	C				
Zhu, Yimin	C	Board of Regents - BOR	Virtual Co-presence for Enhanced Safety Training and Planning in Construction and Manufacturing	\$	184,298
Li, Xin	P				
Berryman, Charles W	C				
Total				\$	62,203,086

Awards Budgeted by SPA

October 2019

<u>Award ID</u>	<u>Principal Investigator</u> <u>Co-PI(s)</u>	<u>Type</u>	<u>Award Name</u>	<u>Agency</u>	<u>New</u>	<u>Continuing</u>	<u>Total</u>
AWDC-000562	Ditusa, John F	P	LSUAM Dr. Wayne Newhauser as Chief of Medical Physics at MBPCC	Mary Bird Perkins Cancer Center	\$ -	\$ 19,444	\$ 19,444
AWDC-000832	Twilley, Robert R	P	LSUAM Integrated Approaches to Creating Community Resilience Designs in a Changing Climate	University of North Carolina At Chapel Hill 03	\$ -	\$ 180,000	\$ 180,000
AWDC-001909	Kousoulas, Konstantin G	P	LSUAM 2015 Louisiana Biomedical Research Network (LBRN)	NIH-National Institute of General Medical Sciences (NIGMS)	\$ 152,100	\$ -	\$ 152,100
AWDC-000227	Jin, Rongying Plummer, Earl Ward	C P	LSUAM Surface and Bulk Properties of Layered Transition-Metal Compounds: Manifestati	National Science Foundation (NSF)	\$ -	\$ 200,000	\$ 200,000
AWDC-000980	Moulton, Jeffrey Allen	P	LSUAM Interagency Cooperative Agreement for the Transformational Technology and Cyber Research Center (TTCRC)	LA Dept of Economic Development (LED)	\$ -	\$ 1,408,740	\$ 1,408,740
AWDC-001757	Koppelman, David M Peng, Lu	P C	LSUAM Acceleration of Graph Analytics Codes	Office of Naval Research 01	\$ -	\$ 9,375	\$ 9,375
AWDC-001924	Agullo Rodenas, Ivan	P	LSUAM Career: the Early Universe as a Window to Quantum Gravity	National Science Foundation (NSF)	\$ -	\$ 90,000	\$ 90,000
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	\$ -	\$ 74,508	\$ 74,508
AWDC-000767	Chakrabarty, Prosanta	P	LSUAM Secretary Funding from the American Society of Ichthyologists and	American Society of Ichthyologists and Herpetologists (ASIH)	\$ -	\$ 15,000	\$ 15,000
AWDC-001588	Keller, Roy	P	LSUAM Louisiana EPSCoR Research Infrastructure Improvement: SBIR Phase Zero Subcontr	LA Board of Regents 01	\$ -	\$ 30,000	\$ 30,000
AWD-000818	Doran, Peter	P	LSUAM LTER: Ecosystem Response to Amplified Landscape Connectivity in the McMurdo Dry Valleys, Antarctica	University of Colorado at Boulder 01	\$ -	\$ 206,966	\$ 206,966
AWD-000804	Verma, Lisa A	P	LSUAM FY 17-19 Revise/Update/Develop/Deliver Training Materials & Courses to DCFS Employees	LA Dept of Children & Family Services 04	\$ -	\$ 100,000	\$ 100,000
AWD-000999	Givens, Joseph R	P	LSUAM LSU Ronald E. McNair Scholars Program	US Department of Education	\$ -	\$ 310,538	\$ 310,538
AWD-000549	O'Brien, David Borue	P	LSUAM Louisiana Notary Exam	Office of the Secretary of State of Louisiana	\$ -	\$ 32,810	\$ 32,810
AWD-000792	Richardson, Malcolm II	P	LSUAM Graduate Research Fellowship Program (GRFP)	National Science Foundation (NSF)	\$ -	\$ (65,833)	\$ (65,833)

AWD-001072	Neubrandner, Frank M	P	LSUAM Cain Center Professional Development Consortium - Local School Boards	Cain Center Professional Development Consortium - Local School Boards	\$	602	\$	-	\$	602
AWD-001868	Arges, Christopher G Kumar, Revati	P C	LSUAM Understanding and Manipulating Counterion Condensation within Charged Polymer Electrolytes for Selective and Low Resistant Membrane Separations	US Department of Energy (DOE)	\$	-	\$	165,276	\$	165,276
AWD-001813	Kutter, Thomas J Tzanov, Martin Mihaylov	P C	LSUAM Development of a Novel 3D-Projection Scintillator Tracker Technology for Near Detectors in Neutrino Experiments	Brookhaven Science Associates, LLC 01	\$	11,000	\$	-	\$	11,000
AWD-001968	Ding, Guoli Ramanujam, Jagannathan	C C	LSUAM Phylax Engine Enhancement and Visualizations Development	Booz Allen Hamilton, Inc. (BAH)	\$	499,912	\$	-	\$	499,912
AWD-002079	Christofferson, Rebecca Catherine Dugas, Tammy Renee Langohr, Ingeborg Noel, Alexandra	C P C P	LSUAM Center for Lung Biology and Disease	NIH-National Institute of General Medical Sciences (NIGMS)	\$	-	\$	1	\$	1
AWD-001938	Cherry, Michael L Wilson-Kennedy, Zakiya Sheni	C P	LSUAM Louis Stokes Regional Center for Excellence: LSAMP - NSF International Center of Excellence (NICE)	National Science Foundation (NSF)	\$	-	\$	132,906	\$	132,906
AWD-002480	Cherry, Michael L	P	LSUAM Advanced Particle Astrophysics Telescope	Washington University 02	\$	10,000	\$	-	\$	10,000
AWD-001931	Hutchinson, Cory John	P	LSUAM CARTS Traffic Records Support (2018 - 2019)	LA Dept of Public Safety & Corrections- LA Highway Safety Commission	\$	42,038	\$	-	\$	42,038
AWD-002175	Colomb, Kandra Shorter Moles, Aimee Robison, Samuel Berwyn Winchester, Elizabeth Atkinson	C C P C	LSUAM Strategic Prevention Framework Partnerships for Success	LA Dept of Health & Hospitals-Office of Behavioral Health 05	\$	-	\$	367,288	\$	367,288
AWD-002489	Kuehny, Jeff S	P	LSUAM ACCEPtS Course Improvement/Support Grant	University of Arkansas	\$	15,960	\$	-	\$	15,960
AWD-001883	Melvin, Adam Thomas	P	LSUAM CAREER: Degron-based substrates: A novel toolkit for biosensing and targeted inhibition	National Science Foundation (NSF)	\$	-	\$	100,001	\$	100,001
AWD-002147	Dicarlo, Cynthia F	P	LSUAM Louisiana State University CCAMPIS	US Department of Education	\$	92,301	\$	-	\$	92,301
AWD-002481	Bethel, Matthew Byron Daigle, Melissa Trosclair Lea, Kathryn Elizabeth	P C C	LSUAM Developing a Coastal Resilience Index for Use with Indigenous Communities in the Gulf of Mexico Region to Support Coastal Hazards Preparedness	US Environmental Protection Agency (EPA)	\$	299,575	\$	-	\$	299,575
AWD-001626	Neubrandner, Frank M	P	LSUAM Cain Center Professional Development Consortium - State Agencies	Cain Center Professional Development Consortium - State Agencies	\$	3,272	\$	-	\$	3,272

AWD-002114	Moles, Aimee Rhodes, Judith Lee Robison, Samuel Berwyn	C C P	LSUAM Louisiana State Opioid Response (LASOR)	LA Dept of Health & Hospitals-Office of Behavioral Health 08	\$ 117,000	\$ 232,086	\$ 349,086
AWD-002010	Meyer, Michelle Mitchell, Brant Dylan	C P	LSUAM Behavioral and Vulnerability Study for Southwest Louisiana	US Army Corps of Engineers-ERDC	\$ -	\$ 174,941	\$ 174,941
AWD-002454	Liu, Kam-Biu	P	LSUAM A Multi-proxy, Multi-site Investigation of Hurricane Maria's Storm Deposition in Puerto Rico	Florida A&M University Board of Trustees (FAMU)	\$ 17,965	\$ -	\$ 17,965
AWD-002451	Armbrust, Kevin Lawrence	P	LSUAM Development of In-vitro Assays that are Predictive of Developmental Toxicity in a Euryhaline Fish Model	Oregon State University 01	\$ 89,549	\$ -	\$ 89,549
AWD-001969	Nevarez, Javier G	P	LSUAM Alligator Veterinary Diagnostic Services for the Louisiana Alligator Industry/Louisiana Department of Wildlife and Fisheries (LDWF)	LA Dept of Wildlife & Fisheries 17	\$ -	\$ 29,760	\$ 29,760
AWD-002461	Jones, Kathe A	P	LSUAM FY18 Assistance to Firefighters Grant Program	US Department of Homeland Security-Federal Emergency Management Agency-FEMA 02	\$ 345,370	\$ -	\$ 345,370
AWD-002470	Dassanayake, Maheshi Elder, Bret D	C P	LSUAM Spatial dynamics of host-pathogen coevolution in a changing environment	US Department of Agriculture-NIFA 02	\$ 2,168,000	\$ -	\$ 2,168,000
AWD-002350	Chen, Feng	P	LSUAM SHF: Small: Redesigning the System Architecture for Ultra-High Density Data Storage	National Science Foundation (NSF)	\$ 400,000	\$ -	\$ 400,000
AWD-002288	Wilde, Mark M	P	LSUAM CIF: Small: Resource Theories of Quantum Channels	National Science Foundation (NSF)	\$ 426,551	\$ -	\$ 426,551
AWD-002414	Dowling, Jonathan	P	LSUAM Development and Demonstration Cavity-QED-based Operations and Protocols for Quantum Networks	US - Israel Binational Science Foundation (BSF)	\$ 20,875	\$ -	\$ 20,875
AWD-002476	Gartia, Manas Ranjan Kim, Yong-ha Lu, Fengyuan Xie, Weiwei	C C P C	LSUAM LSU Expanded Nuclear Science and Engineering Graduate Fellowship Service	US Nuclear Regulatory Commission (NRC)	\$ 400,000	\$ -	\$ 400,000
AWD-002477	Leichman, Jeffrey M	P	LSUAM Interactive VR Simulation of an Eighteenth-Century Paris Fair Theatre: VESPACE	National Endowment for the Humanities	\$ 93,656	\$ -	\$ 93,656
AWD-002452	Krause, John Jason	P	LSUAM LSU NCBRT Support for FY19 Global Threat Reduction Activities	US Department of State	\$ 801,964	\$ -	\$ 801,964
AWD-002507	Giaime, Joseph A	P	LSUAM Head of Livingston Laser Interferometer Gravitational Wave Observatory	California Institute of Technology-Ligo Laboratory 03	\$ 138,126	\$ -	\$ 138,126
AWD-002447	Dassanayake, Maheshi Larkin, John C Oh, Dong-Ha Smith, Aaron P	P C C C	LSUAM EDGE CT: NSF-BSF: Developing Functional Genomics Tools for Emerging Extremophyte Models	National Science Foundation (NSF)	\$ 1,000,000	\$ -	\$ 1,000,000

AWD-002491	Snow, Samuel David	P	LSUAM Combining Membrane Bioreactor and Advanced Chlorine Oxidation for Wastewater Reuse: Overcoming the Challenges of Natural Organic Matter	French American Cultural Exchange	\$	10,000	\$	-	\$	10,000
AWD-002496	Teruyama, Ryoichi	P	LSUAM Role of Sexually Dimorphic Oxytocin Receptor Expressing Neurons in the Preoptic Area	NIH-National Institute of Mental Health	\$	216,674	\$	-	\$	216,674
AWD-002446	Winwood, David	P	LSUAM LSU Innovation Park Roadway Access	Research Park Corporation (RPC)	\$	200,000	\$	-	\$	200,000
AWD-002340	Kennedy, Eugene Madden, James J Peterson, Cynthia B Thomas, Gloria Ann Wilson-Kennedy, Zakiya Sheni	C C C C P	LSUAM Scholarship Opportunities Aimed at Retaining Science Scholars	National Science Foundation (NSF)	\$	998,838	\$	-	\$	998,838
AWD-002498	Dance, Michael	P	LSUAM Habitat Use and Movement of Tarpon Along the Texas Coast	Texas A & M University 04	\$	15,000	\$	-	\$	15,000
AWD-002465	Tam, Ka Ming	P	LSUAM Collaborative Research: Elements: Development of MuST, A Multiple Scattering Theory based Computational Software for First Principles Approach to Disordered Materials	National Science Foundation (NSF)	\$	194,898	\$	-	\$	194,898
AWD-002494	Benfield, Mark C	P	LSUAM NFWF II: Monitoring Performance of Artificial Reefs in Coastal Alabama	University of South Alabama	\$	119,886	\$	-	\$	119,886
AWD-002448	Brown, Jeremy M	P	LSUAM Collaborative Research: CIBR: CloudForest: A Portable Cyberinfrastructure Workflow To Advance Biological Insight from Massive, Heterogeneous Phylogenomic Datasets	National Science Foundation (NSF)	\$	358,293	\$	-	\$	358,293
AWD-002472	Gibson, William J	P	LSUAM RESTORE Lowermost Mississippi River Management Program (LMRMP) Task 4.3: Seismic survey of Wills Point, Alliance, Myrtle Grove, and Magnolia lateral bars with thalweg track line RM 70-RM 45 Phase I Myrtle Grove	Coastal Protection & Restoration Authority (CPRA) 04	\$	25,000	\$	-	\$	25,000
AWD-002457	Fava, Colleen Helen Guzik, T Gregory	C P	LSUAM Louisiana NASA EPSCoR Scientific and Technical Management for the "In-Space Manufacturing (ISM-LMA)" FY19 Research Project	LA Board of Regents 02	\$	40,000	\$	-	\$	40,000
AWD-002460	Polito, Michael John	P	LSUAM Toward an Integrated Conservation Plan for the Endangered Peruvian Divingpetrel in Peru: First steps for rodent eradication	LSU School of Veterinary Medicine	\$	38,874	\$	-	\$	38,874

AWD-002450	Bilskie, Matthew Vernon Hagen, Scott C	C P	LSUAM Hydrodynamic Modeling to Support Barrier Island Evolution Assessment	US Department of Interior-USGS 04	\$ 75,000	\$ -	\$ 75,000
AWD-002464	Mayne, Jeffrey S	P	LSUAM FY19 Homeland Security National Training Program (HSNTP)	US Department of Homeland Security- Federal Emergency Management Agency- FEMA 02	\$ 22,000,000	\$ -	\$ 22,000,000
AWD-002462	Allison, Jesse Taggert Neubrandner, Frank M	C P	LSUAM Livingston Parish 19-20 Extern	Livingston Parish Public Schools	\$ 39,960	\$ -	\$ 39,960
AWD-002453	Jafari, Navid H Lam, Siu Ngan	P C	LSUAM RAPID: Collaborative Research: Data Mining and Fusion Between Unmanned Aerial Systems and Social Media Technologies to Improve Emergency Operations	National Science Foundation (NSF)	\$ 90,000	\$ -	\$ 90,000
AWD-002490	Gibson, William J	P	LSUAM Continued Maintenance on the Seapristm in the Gulf of Mexico	Naval Research Laboratory 01	\$ 15,000	\$ -	\$ 15,000
AWD-002449	Taylor, Charles	P	LSUAM Argon Medical Devices: IVC ISO-25539-3:2011 Testing	Argon Medical Devices	\$ 78,000	\$ -	\$ 78,000
AWD-002467	Wang, Chao	P	LSUAM Transforming Construction Labor Productivity and Health through Wearable Assistive Robotic Device	ISC Constructors LLC	\$ 10,000	\$ -	\$ 10,000
AWD-002497	Ikuma, Laura H	P	LSUAM UltraPrep Operating Room Efficiency, Study Protocol Development	PrepTech, LLC	\$ 9,890	\$ -	\$ 9,890
AWD-002478	Terrell, Milton D	P	LSUAM UI Claims Forecast 2019	LA Workforce Commission 02	\$ 9,936	\$ -	\$ 9,936
AWD-002471	Lima, Marybeth	P	LSUAM LSU CCP Park Elementary Project	University Presbyterian Church	\$ 1,000	\$ -	\$ 1,000
AWD-002502	Pojman, John Anthony	P	LSUAM Development of a Cure- on Demand Coating for Plywood	Martco, LLC (dba: RoyOMartin)	\$ 26,451	\$ -	\$ 26,451
AWD-002509	Mitchell, Brant Dylan	P	LSUAM LMD - TO 01-2019 - Learning Management System	Louisiana Military Department (LMD)	\$ 85,000	\$ -	\$ 85,000
AWD-002508	Mitchell, Brant Dylan	P	LSUAM LMD TO 02-2019 - GIS and eMS	Louisiana Military Department (LMD)	\$ 90,000	\$ -	\$ 90,000
AWD-002500	Cardin, Rhonda Diane	P	LSUAM 2019 The Boehringer Ingelheim Veterinary Scholars Program	Association of American Veterinary Medical Colleges (AAVMC)	\$ 3,456	\$ -	\$ 3,456
AWD-002501	Mukhopadhyay, Supratik	P	LSUAM Practical Casual Models	Rhombus Power Inc. 01	\$ 109,344	\$ -	\$ 109,344
Grand Total					\$ 32,006,316	\$ 3,813,807	\$ 35,820,123

Comparison of Proposal Data for past 3 years

October 2019

Colleges	Cumulative as of October 2017		Cumulative as of October 2018		Cumulative as of October 2019	
	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested
Academic Services	0.00	\$ -	0.00	\$ -	1.00	\$ 94,366
Administrative	4.91	\$ 2,262,539	11.00	\$ 2,202,387	2.15	\$ 2,801,229
Auxiliaries	0.00	\$ -	0.00	\$ -	0.00	\$ -
Centers and Institutes	4.14	\$ 1,493,574	8.20	\$ 1,975,522	0.61	\$ 54,414
Center for Energy Studies	2.63	\$ 381,631	3.95	\$ 433,784	5.00	\$ 682,730
College of Humanities and Social Sciences	33.72	\$ 9,135,216	21.55	\$ 7,218,893	33.47	\$ 8,941,358
College of Human Sciences and Education	16.32	\$ 34,516,027	31.24	\$ 15,463,128	27.86	\$ 13,635,113
College of Music and Dramatic Arts	0.50	\$ 12,150	2.25	\$ 160,876	1.70	\$ 107,338
College of Agriculture	0.83	\$ 310,159	4.30	\$ 519,128	3.90	\$ 1,150,514
College of Art and Design	5.14	\$ 288,155	6.75	\$ 920,736	8.53	\$ 836,720
College of Business	7.00	\$ 1,159,957	7.20	\$ 560,973	6.20	\$ 2,131,436
College of Engineering	147.42	\$ 48,773,279	117.34	\$ 34,587,110	144.43	\$ 50,060,877
College of Science	119.90	\$ 53,047,108	117.63	\$ 40,399,455	118.15	\$ 50,564,775
Continuing Education	1.00	\$ 17,500	3.00	\$ 699,957	2.72	\$ 1,866,067
Center for Computation and Technology	1.30	\$ 263,837	0.25	\$ 69,009	1.00	\$ 427,321
Facility and Property Oversight	0.00	\$ -	0.00	\$ -	0.00	\$ -
Graduate School	1.00	\$ 149,000	1.00	\$ 506,000	1.90	\$ 495,000
Information Technology Services	0.00	\$ -	0.00	\$ -	0.00	\$ -
LSU Online	0.00	\$ -	0.00	\$ -	0.28	\$ 291,536
Libraries	1.00	\$ 3,500	1.00	\$ 2,160	2.00	\$ 53,285
Museums	0.00	\$ -	0.00	\$ -	0.10	\$ 10,000
Louisiana Sea Grant	24.30	\$ 734,193	18.40	\$ 881,885	5.00	\$ 1,109,969
VP Research and Economic Development	1.00	\$ 858,316	1.10	\$ 31,039	0.20	\$ 10,870
College of the Coast and Environment	31.69	\$ 4,663,256	31.88	\$ 17,852,172	33.43	\$ 13,705,017
School of Mass Communication	2.10	\$ 841,977	1.71	\$ 52,680	2.00	\$ 79,938
School of Veterinary Medicine	55.35	\$ 17,870,169	55.60	\$ 23,629,130	51.12	\$ 22,006,541
SNCSRT	22.45	\$ 37,048,533	22.80	\$ 31,518,125	17.65	\$ 5,296,618
Student Services	0.10	\$ 100,000	2.00	\$ 16,500	0.00	\$ -
University College	1.00	\$ 355,757	2.00	\$ 668,043	2.00	\$ 698,104
VP Strategic Initiatives	1.10	\$ 103,500	3.85	\$ 119,434	2.60	\$ 306,004
Paul M. Hebert Law Center	0.10	\$ 799,962	0.00	\$ -	0.00	\$ -
Athletic Department	0.00	\$ -	1.00	\$ 5,000	0.00	\$ -
Total as of October	486.00	\$ 215,189,295	477.00	\$ 180,493,126	475.00	\$ 177,417,139
Total of Fiscal Year	1450.00	\$ 573,620,388	1342.00	\$ 611,052,234	--	--

Comparison of Award Data for past 3 years

October 2019

College	Cumulative as of October 2017			Cumulative as of October 2018			Cumulative as of October 2019		
	Oct - New (2017)	Oct - Continuing (2017)	Oct - Total (2017)	Oct - New (2018)	Oct - Continuing (2018)	Oct - Total (2018)	Oct - New (2019)	Oct - Continuing (2019)	Oct - Total (2019)
Academic Services	\$ 150,782	\$ 30,100	\$ 180,882	\$ 304,990	\$ 9,520	\$ 314,510	\$ 193,752	\$ 78,371	\$ 272,123
Administrative	\$ 28,500	\$ 15,000	\$ 43,500	\$ 3,000	\$ 1,945,751	\$ 1,948,751	\$ 2,250	\$ 2,114,013	\$ 2,116,263
Auxiliaries	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Center for Computation and Technology	\$ -	\$ 74,911	\$ 74,911	\$ -	\$ 74,911	\$ 74,911	\$ -	\$ 74,913	\$ 74,913
Center for Energy Studies	\$ 57,960	\$ 97,596	\$ 155,556	\$ 320,244	\$ 29,698	\$ 349,942	\$ 68,472	\$ -	\$ 68,472
Centers and Institutes	\$ 256,137	\$ -	\$ 256,137	\$ 468,333	\$ 45,000	\$ 513,333	\$ 325,000	\$ 1,773,561	\$ 2,098,561
College of Agriculture	\$ 10,977	\$ 28,000	\$ 38,977	\$ 30,000	\$ 5,689	\$ 35,689	\$ 51,960	\$ 35,489	\$ 87,449
College of Art and Design	\$ 36,818	\$ -	\$ 36,818	\$ (294,950)	\$ -	\$ (294,950)	\$ -	\$ 55,804	\$ 55,804
College of Business	\$ 789,740	\$ -	\$ 789,740	\$ 19,944	\$ 98,981	\$ 118,925	\$ 922,203	\$ 8,833	\$ 931,036
College of Engineering	\$ 3,735,952	\$ 2,554,154	\$ 6,290,106	\$ 20,581,700	\$ 2,326,260	\$ 22,907,960	\$ 3,549,263	\$ 2,286,478	\$ 5,835,741
College of Human Sciences and Education	\$ 943,736	\$ 263,174	\$ 1,206,910	\$ 782,129	\$ 817,093	\$ 1,599,222	\$ 1,955,683	\$ 1,585,606	\$ 3,541,289
College of Humanities and Social Sciences	\$ 451,645	\$ 394,418	\$ 846,063	\$ 1,746,502	\$ 314,005	\$ 2,060,507	\$ 831,831	\$ 603,923	\$ 1,435,754
College of Music and Dramatic Arts	\$ 32,000	\$ 16,000	\$ 48,000	\$ 60,000	\$ 32,000	\$ 92,000	\$ 15,984	\$ 32,000	\$ 47,984
College of Science	\$ 5,352,441	\$ 4,483,019	\$ 9,835,460	\$ 7,680,764	\$ 4,960,317	\$ 12,641,081	\$ 9,359,760	\$ 5,646,041	\$ 15,005,801
College of the Coast and Environment	\$ 1,476,512	\$ 598,770	\$ 2,075,282	\$ 276,758	\$ 1,509,104	\$ 1,785,862	\$ 1,245,641	\$ 395,089	\$ 1,640,730
Continuing Education	\$ 631,146	\$ -	\$ 631,146	\$ 1,888,403	\$ 250,000	\$ 2,138,403	\$ 201,491	\$ 250,000	\$ 451,491
Facility and Property Oversight	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Graduate School	\$ 503,000	\$ 205,000	\$ 708,000	\$ 54,000	\$ 756,000	\$ 810,000	\$ 40,500	\$ 555,167	\$ 595,667
Information Technology Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Libraries	\$ 1,632	\$ -	\$ 1,632	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Louisiana Sea Grant	\$ 607,985	\$ 19,056	\$ 627,041	\$ 235,882	\$ 418,450	\$ 654,332	\$ 303,075	\$ 686,336	\$ 989,411
Museums	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Paul M. Hebert Law Center	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
School of Mass Communication	\$ 180,459	\$ -	\$ 180,459	\$ -	\$ 179,004	\$ 179,004	\$ -	\$ 11,220	\$ 11,220
School of Veterinary Medicine	\$ 1,694,421	\$ 1,270,609	\$ 2,965,030	\$ 2,216,580	\$ 1,019,145	\$ 3,235,725	\$ 4,412,998	\$ 432,024	\$ 4,845,022
SNCSRT	\$ 2,012,012	\$ (155,801)	\$ 1,856,211	\$ 26,593,370	\$ 6,878,955	\$ 33,472,325	\$ 29,616,144	\$ 157,352	\$ 29,773,496
Student Services	\$ 100,000	\$ 21,375	\$ 121,375	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
University College	\$ 51,499	\$ -	\$ 51,499	\$ -	\$ -	\$ -	\$ -	\$ 698,104	\$ 698,104
VP Research and Economic Development	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -
VP Strategic Initiatives	\$ 1,269,745	\$ -	\$ 1,269,745	\$ 150,000	\$ 38,249	\$ 188,249	\$ -	\$ 940,917	\$ 940,917
Athletics	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total as of October	\$ 20,375,099	\$ 9,915,381	\$ 30,290,480	\$ 63,142,649	\$ 21,708,132	\$ 84,850,781	\$ 53,096,007	\$ 18,421,241	\$ 71,517,248
Total of Fiscal Year		\$134,694,428			\$150,299,926			\$0	

Comparison of Expenditure Data for past 3 years

October 2019

First Level Cost Center Hierarchy	Oct-2017	FY 2018	Oct-2018	FY 2019	Oct-2019
Athletics	\$ -	\$ -	\$ -	\$ 5,000	\$ -
Assoc VP Administration and IT/CIO	\$ -	\$ 28,500	\$ -	\$ -	\$ -
Center for Academic Success	\$ 32,836	\$ -	\$ 71,544	\$ -	\$ 72,603
Center for Computation and Technology	\$ 744,054	\$ 1,953,245	\$ 948,536	\$ 2,248,123	\$ 1,152,432
Center for Energy Studies	\$ 225,431	\$ 789,828	\$ 183,104	\$ 484,846	\$ 173,467
Centers and Institutes	\$ 500,028	\$ 1,984,838	\$ 578,398	\$ 1,880,332	\$ 610,805
College of Agriculture	\$ 195,981	\$ 405,921	\$ 152,008	\$ 415,554	\$ 79,184
College of Art and Design	\$ 1,299	\$ 26,556	\$ 18,054	\$ 37,346	\$ 2,161
College of Business	\$ 1,347,223	\$ 4,472,010	\$ 1,355,229	\$ 4,071,448	\$ 1,107,621
College of Engineering	\$ 7,188,262	\$ 23,368,054	\$ 8,248,659	\$ 24,616,113	\$ 8,069,214
College of Human Sciences and Education	\$ 1,688,077	\$ 3,010,674	\$ 1,025,390	\$ 2,783,420	\$ 1,577,388
College of Humanities and Social Sciences	\$ 1,512,250	\$ 4,333,919	\$ 1,550,768	\$ 3,786,509	\$ 1,197,110
College of Music and Dramatic Arts	\$ 7,200	\$ 74,043	\$ 4,500	\$ 83,726	\$ 20,832
College of Science	\$ 9,768,819	\$ 24,650,335	\$ 8,775,061	\$ 24,816,747	\$ 8,250,867
College of the Coast and Environment	\$ 2,795,130	\$ 7,960,008	\$ 2,609,004	\$ 6,908,906	\$ 2,640,910
Continuing Education	\$ 499,760	\$ 1,499,484	\$ 521,564	\$ 2,116,247	\$ 288,475
Dean of Students	\$ -	\$ -	\$ -	\$ -	\$ -
Executive VP and Provost	\$ 2,925	\$ 6,583	\$ -	\$ -	\$ -
Facility and Property Oversight	\$ -	\$ -	\$ -	\$ -	\$ -
Graduate School	\$ 248,196	\$ 772,507	\$ 246,535	\$ 720,879	\$ 189,637
Human Resource Management	\$ 12,980	\$ 112,070	\$ (102)	\$ (102)	\$ -
Information Technology Services	\$ 484,850	\$ 1,514,178	\$ 623,318	\$ 1,868,326	\$ 760,788
International Programs	\$ -	\$ 62,365	\$ -	\$ 58,646	\$ -
LSU Police	\$ -	\$ 12,179	\$ 2,682	\$ 712	\$ -
Libraries	\$ 88	\$ 3,642	\$ 5,911	\$ 14,755	\$ 6,871
Louisiana Sea Grant	\$ 815,268	\$ 2,909,819	\$ 998,816	\$ 3,305,936	\$ 955,290
Paul M. Hebert Law Center	\$ 3,073	\$ 3,073	\$ -	\$ -	\$ (21)
SNCSRT	\$ 11,428,504	\$ 34,396,284	\$ 11,372,237	\$ 36,144,375	\$ 12,120,275
School of Mass Communication	\$ 214,076	\$ 260,501	\$ 194,177	\$ 438,895	\$ 16,688
School of Veterinary Medicine	\$ 3,099,680	\$ 11,775,026	\$ 3,626,020	\$ 13,357,789	\$ 4,394,383
Student Health Center	\$ 50,450	\$ 227,296	\$ 19,726	\$ 33,973	\$ 2,559
University College	\$ 262,504	\$ 697,647	\$ 262,939	\$ 687,492	\$ 250,821
VP Research and Economic Development	\$ 36,868	\$ 51,460	\$ 21,141	\$ 155,327	\$ 3,177
VP Strategic Initiatives	\$ 422,065	\$ 1,119,522	\$ 494,023	\$ 1,174,082	\$ 466,075
VP Student Affairs	\$ -	\$ -	\$ -	\$ -	\$ 17,115
VProvost Academic Programs and Support Services	\$ 429,643	\$ 1,424,849	\$ 349,328	\$ 1,369,785	\$ 217,736
Total	\$ 44,017,520	\$ 129,906,418	\$ 44,258,573	\$ 133,585,187	\$ 44,644,461

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