Combined Proposal and Award Activity Report

Prepared by Office of Sponsored Programs
& Sponsored Program Accounting

February 2019

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

Proposals Submitted by OSP: p. 4-8

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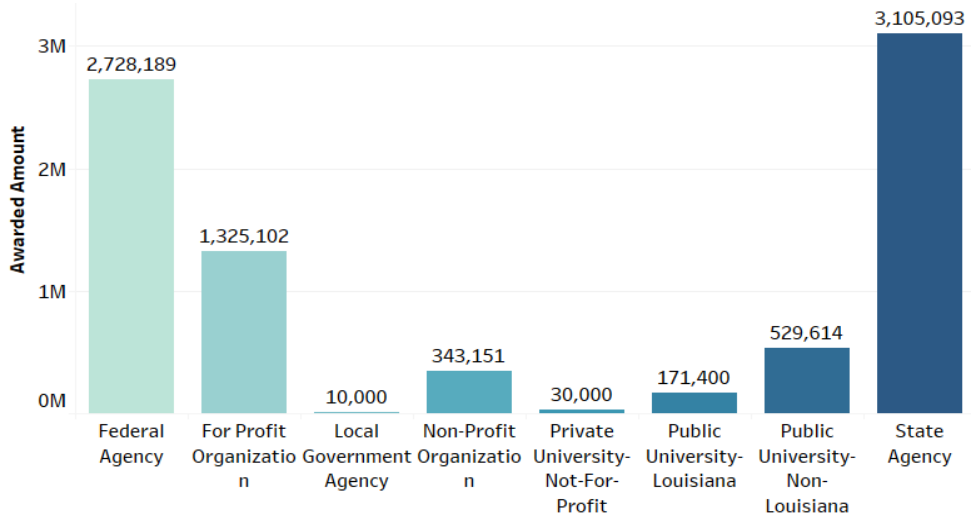
SUMMARY
February 1, 2019 through February 28, 2019

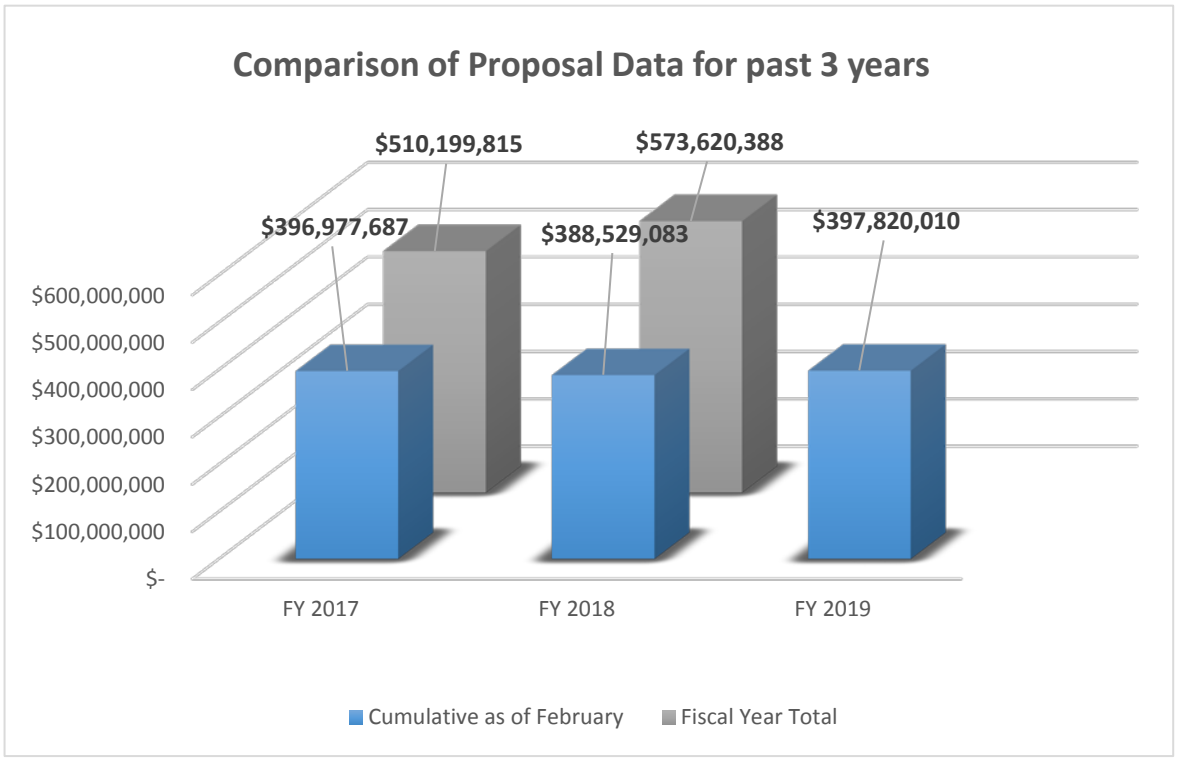
	February 2019		July - February 2019	
Proposals Submitted by OSP	128	$ 45,021,597	$	397,820,010
Awards Budgeted by SPA	43	$ 8,242,549	$	112,352,217
Expenditures	--	--	$	82,920,513

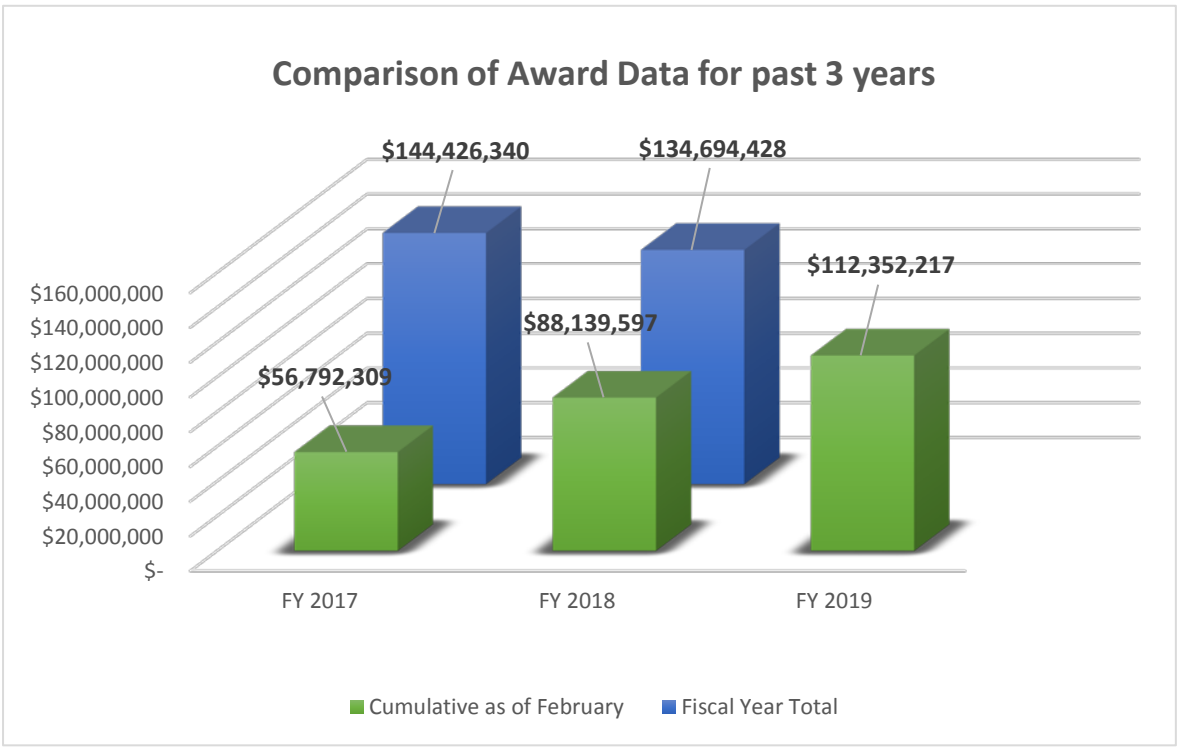
Awards by Sponsor February 2019

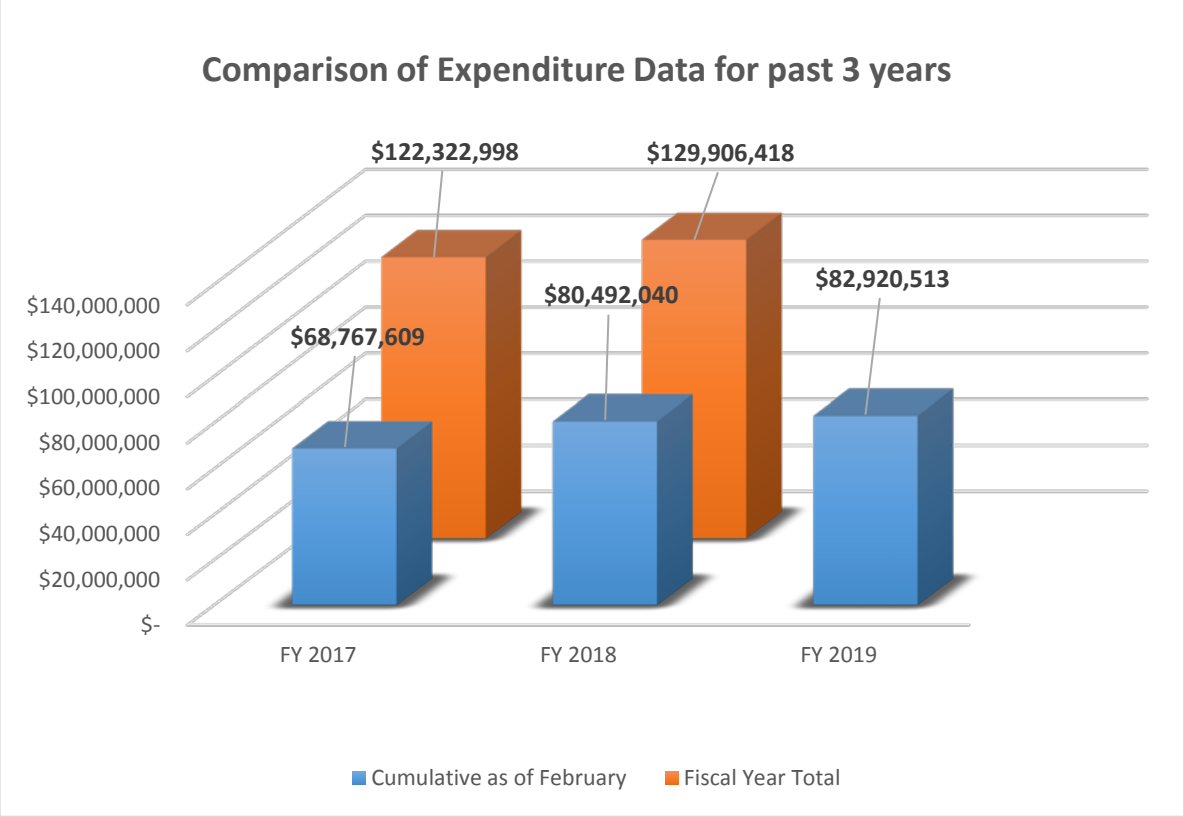
Sponsor Type	Number of Awards	Awarded Amount
Federal Agency	10	$ 2,728,189
For-Profit Organization	8	$ 1,325,102
Local Government Agency	2	$ 10,000
Non-Profit Organization	3	$ 343,151
Private University-Not-For-Profit	1	$ 30,000
Public University-Louisiana	4	$ 171,400
Public University-Non-Louisiana	5	$ 529,614
State Agency	10	$ 3,105,093
TOTAL	43	$ 8,242,549



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.

Proposals Submitted by OSP — February 2019

Principal Investigator Co-PI(s)	Agency	Title		Amount
He, Hongyu	Fred Hutchinson Cancer Research Center	Statistical Methods for Adherence Issues in HIV Prevention Research	$	14,800
Overton, Edward B	National Oceanic and Atmospheric Administration (NOAA)	Technical Support Services for Assessment of Chemical Hazards Associated with Oil and Hazardous Materials Releases (TO#001)	$	165,000
Barnes, Stephen Rans Lomotey, Jonathan Rhodes, Judith Lee Rizzuto, Tracey Elle	City Parish of East Baton Rouge	Performance Partnership Pilots (P3) Evaluation	$	88,326
Winter, Ty Whitney	Federal Bureau of Investigation	InfraGard XV	$	334,884
Draayer, Jerry P Dytrych, Tomas Launey, Kristina Dim	National Science Foundation - NSF	Collaborative Research: Advancing first-principle symmetry-guided nuclear modeling for studies of nucleosynthesis and fundamental symmetries in nature	$	11,840
Richard, Golden G II	National Security Agency (NSA)	Intergovernmental Personnel Act (IPA) Agreement - Golden Richard	$	64,196
Peng, Lu Richard, Golden G II Sun, Mingxuan	National Science Foundation - NSF	RII Track-2 FEC: A Big Data-Centric Framework to Improve Cybersecurity, Privacy, and Infrastructure Resilience	$	3,999,647
Christofferson, Rebe	e-ASIA Joint Research Program	Investigating the sylvatic transmission and reservoir potential of Zika, dengue, and chikungunya viruses of long-tailed macaques proximate to human populations of Thailand and Cambodia	$	99,999
DeLorme, Denise E Hagen, Scott C Wilson, Zakiya S	National Science Foundation - NSF	NRT: A Living Laboratory for Interdisciplinary Graduate Education and Convergent Research	$	2,992,775
Elderd, Bret D	National Science Foundation - NSF	DEB-CNH2-S: The effects of climate change on the use of naturally-occurring pathogens as biocontrol agents and its implications for organic agriculture.	$	602,772
Karki, Bijaya B	National Science Foundation - NSF	QCIS-FF Quantum Computing and Information Science at Louisiana State University	$	749,135
Shrum, Wesley Monroe	National Science Foundation - NSF	Standard Research Grant: How to Find Humans: A Video Ethnographic Approach to Fieldwork in Paleontology	$	105,795
Zeidouni, Mehdi	Indiana University	Tapping the Potential of Microfractures to Improve Production from Unconventional Wells using Waterless Stimulation and Managed Pressure Drawdown	$	339,720
Vaidyanathan, Ramach	National Science Foundation - NSF	Collaborative Research: CyberTraining: Implementation: Medium: Broadening Adoption of Parallel and Distributed Computing in Undergraduate Computer Science and Engineering Curricula	$	41,361
Vaidyanathan, Ramach	National Science Foundation - NSF	Collaborative Research: CyberTraining: Conceptualization: Planning a Sustainable Ecosystem for Incorporating Parallel and Distributed Computing into Undergraduate Education	$	21,961
Bourdin, Blaise A	National Science Foundation - NSF	DMREF: Collaborative Research: The material as the machine	$	541,467
Carter, Renee Thomps da Cunha, Anderson F Granger, Lisa Abbiga Lewin, Andrew	ACVO Vision for Animals Foundation (VAF)	Low volume ultrasound-guided retrobulbar nerve block in horses; safety, efficacy and effect on ocular parameters.	$	10,000
Wilson, Carol	University of Colorado at Boulder	Long Term Monitoring, Research and Analysis of Bangladesh Coastal Zone (Sustainable Polders Adapted to Coastal Dynamics)	$	70,447
Neubrander, Frank M	East Baton Rouge Parish School Board	2018-19 Externs Digital Media Arts at Lee High School	$	24,300
Neubrander, Frank M	East Baton Rouge Parish School System	2018-19 Extern Digital Media Arts at Lee High School #2	$	24,300
Neubrander, Frank M	East Baton Rouge Parish School System	2018-19 Extern Computer Science at McKinley High School	$	24,300
Krause, John Jason	Dept of State - DOS	FY19 Iraq Chemical and Biological Threat Reduction Activities	$	1,095,874
Bart, Sophie A Krause, John Jason	Dept of State - DOS	FY19 Countering DPRK Missile and Nuclear Program	$	243,509
Chicoine, David	Society for American Archaeology	Ancestors and Authority at Cerro San Isidro (400 B.C.-A.D. 1400), Middle Nepena Valley, Peru	$	9,178

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Krause, John Jason	Dept of State - DOS	FY19 Global Chemical Security Engagement Activities	$	1,027,958
Krause, John Jason	Dept of State - DOS	FY19 Global Biosecurity Engagement Activities	$	1,350,211
Krause, John Jason	Dept of State - DOS	FY19 Open Source Research and Capacity Building to Counter Nonproliferation Challenges	$	469,907
Hooper-Bui, Linda M Snyder, Brian F	National Science Foundation - NSF	A Historical Analysis of the Technology-Environment Nexus	$	178,439
Ding, Kunlun	Camille & Henry Dreyfus Foundation	2019 Camille Dreyfus Teacher-Scholar Awards Program	$	100,000
Dinecola, Cassie M Lemieux, Catherine M Wilks, Scott E	Health Resources and Services Administration (HRSA)	Louisiana Geriatric Workforce Enhancement Program (LA-GWEP): Improving Quality of Integrated Primary Care among Persons with Dementia and Caregivers	$	3,726,332
Kim, Joomyeong	National Institutes of Health - NIH	PEG3 as an epigenetic regulator controlling acetylation levels on H4K16	$	407,000
Quirk, Tracy	The Wetland Foundation	Conference travel grant - Megan Kelsall	$	1,400
Khachatryan, Lavrent Lomnicki, Slawomir	Dept of Energy - DOE	Novel Surface-Bound Radicals Relevant to the Soot Formation in Iron Oxide Seeded Combustion of Toluene	$	547,277
Johannsen, Neil	Carver Scientific, Inc.	Dismounted Microclimate Cooling/ Heating Vest with Integration Power System	$	55,352
Chung, SeYeon	National Institutes of Health - NIH	Mechanisms underlying epithelial tube formation	$	1,829,986
Noell, George Jr	Democracy Prep Public Schools	Democracy Prep Extern 2019-2020	$	22,626
Sharma, Jyotsna Waltrich, Paulo Williams, Wesley C	Eni	Downhole Pressure and Temperature Sensor for Retrofitting into Producing Wells	$	520,326
Kelly, Morgan W	National Science Foundation - NSF	Collaborative Research: Spatial Scales of Diversity and Range Boundaries in Coastal Marine Ecosystems	$	102,025
Francis, Joseph Lee, Charles C Ogundele, Olalekan M	National Institutes of Health - NIH	Plastic mediators of sympathetic neuronal survival in heart failure	$	1,786,455
Climek, Michael A Graham, Christine De Hagan, Gail Beverly Henderson, Michael B Williamson, Cynthia	Louisiana Department of Health & Hospitals	Louisiana BRFSS Phone Survey 2019	$	274,140
Lee, Semin	University of North Carolina at Wilmington	Innovative Methodologies for Chemical Education Using Virtual Reality	$	3,500
Swenson, Erick M	Louisiana Universities Marine Consortium (LUMCON)	CWPPRA PPL-29 Academic Advisor	$	22,999
Madden, James J	Board of Regents - BOR	Educator Research Consortium	$	12,500
Chen, Senlin	University of Texas at Arlington	Recess Programming and Classroom Change (RePACC) for Movement and Academic Behavior Promotion among Young Children	$	47,190
Zeidouni, Mehdi	Pennsylvania State University	Upscaled Fractured Shale Experimental Analysis to Investigate Leakage Potential of Faults in CO2 Geological Storage	$	240,760
Yoshimura, Masami	National Institutes of Health - NIH	The Role of Type 7 Adenylyl Cyclase in Ethanol's Effects on Innate Immune Responses	$	398,476
Rouse, Lawrence J Jr	Louisiana Universities Marine Consortium (LUMCON)	CWPPRA Academic Assistance PPL-29	$	20,000
Wicks, Carol M	University of Georgia	Investigating Subsurface Flow in a Karstic System Considering the Potentiometric Surface	$	37,710
Gregg, Christopher S Wischusen, Everett W	Yale University	Gulf Coast Summer Institute on Scientific Teaching	$	44,000
Bui, Thanh Thu Shirley, Mark Gerard	University of Texas Health Science Center at Tyler	Improving Crew Overboard Recovery for Commercial Fishing Vessels in the Gulf of Mexico	$	31,500
Holstein, Daniel	National Science Foundation - NSF	Collaborative Research: Larval orientation, dispersal and connectivity in brachyuran crabs under ocean acidification and elevated temperature	$	276,931
Alegre, Fernando Chen, Yu Martin, Lori L Moreno, Juana	National Science Foundation - NSF	BRBYTES: Baton Rouge: Bringing Youth Technology, Education and Success	$	1,000,000
Holstein, Daniel	National Academy of Sciences(NAS)	Dan Holstein Early-Career Research Fellowship	$	76,000

Proposals Submitted by OSP — February 2019

Principal Investigator Co-PI(s)	Agency	Title		Amount
Melson, Christopher	Dept of Transportation	Analysis, Modeling, and Simulation (AMS) Case Studies of Connected and Automated Vehicle (CAV) Implementations Specific to the South Central Region	$	30,000
Melson, Christopher	Dept of Transportation	Investigating the Impacts of Truck Platooning on Transportation infrastructure in the South Central Region	$	30,000
Healy, Kristen Bea	Louisiana Mosquito Control Association (LMCA)	Determining the susceptibility of Culex quinquefasciatus to three larvicides used for mosquito control in Louisiana	$	1,500
Dassanayake, Maheshi Larkin, John C Oh, Dong-Ha Smith, Aaron P	National Science Foundation - NSF	EDGE CT: NSF-BSF: Developing Functional Genomics Tools for Emerging Extremophyte Models	$	1,998,362
Calamia, Matthew Ray DeVito, Alyssa	American Psychological Association	The Predictive Utility of Different Measures of Intraindividual Cognitive Variability as an Early Marker of Cognitive and Functional Decline in Older Adulthood	$	1,250
Wang, Qingyang	Georgia Institute of Technology	Experimental Performance Study of Data Streaming Systems with Quality of Service Requirements	$	15,263
Wu, Hsiao-Chun	National Science Foundation - NSF	Collaborative Research: Spectrum-Agile Short-Range Communication Systems for Connected and Autonomous Driving Using Real-Time Deep Learning Neural Networks	$	251,429
Dey, Joyoni Ham, Kyungmin	National Institutes of Health - NIH	Breast Cancer Detection and Imaging using Analyzer-less X-ray Interferometry	$	521,119
Baines, Joel D	National Institutes of Health - NIH	RNA polymerase II occupancy and activity in HSV-infected post mitotic neurons.	$	385,447
Choi, Jin-Woo	Envirotronics, LLC	Autonomous Surface Scouting Environmental Sensing System	$	36,000
Karki, Bijaya B	National Science Foundation - NSF	Collaborative Research: An Interdisciplinary study on the Global Water Circulation in Earth	$	287,156
Winter, Ty Whitney	Federal Bureau of Investigation	InfraGard	$	334,884
Sasser, Charles Edwa	Louisiana Universities Marine Consortium (LUMCON)	CWPPRA PPL29 Academic Assistance	$	33,000
Polito, Michael John	National Academy of Sciences(NAS)	NAS GRP Early Career Fellowship	$	76,000
Francis, Joseph Gartia, Manas Ranjan	National Institutes of Health - NIH	Super Resolution Second Harmonic Generation Microscopy: Applications to Protein Assessment in Brain Injury	$	577,468
Midway, Stephen R	National Science Foundation - NSF	Collaborative proposal: MSA: Carbon dioxide in freshwater ecosystems: integrating past, present and future	$	12,551
Birch, Traci Hiatt, Matthew Midway, Stephen R	National Science Foundation - NSF	Collaborative Proposal: MRA: Scale, Space, and Time: A Unifying Approach to Aquatic Biological Invasions	$	262,668
Lopez, Mandi J Yang, Kui Yao, Shaomian	National Institutes of Health - NIH	Molecular basis for the loss of differentiation capability in human bone marrow stem cells during expansion	$	398,856
Wang, Tuo	National Institutes of Health - NIH	Using solid-state NMR spectroscopy to elucidate cell wall structural dynamics involved in virulence and drug response of Aspergillus fumigatus	$	413,914
Choi, Jin-Woo	Partners of the Americas	Development of a Test for Rapid Detection of Plasmodium vivax Chloroquine Resistance Using Cas13a Enzyme in Printed Electrochemical Sensors	$	25,000
Miller, Paul	National Academy of Sciences(NAS)	Gulf Research Program Early Career Fellowship	$	76,000
Duncan, Susan	National Institutes of Health - NIH	Effects of Transcranial Direct Current Stimulation (tDCS) on Spaced Discourse Treatment for Chronic Post-Stroke Aphasia	$	436,410
McPeak, Kevin Michae	Board of Supervisors of LSU and A&M College (Board)	Broadband Solar Water Disinfection in a Continuous Flow Reactor	$	28,050
Barker, Carrie Harms, Kyle E	Louisiana Department of Wildlife & Fisheries	Assembly of low-diversity plant communities within the hyperdiverse longleaf pine savannas	$	1,200
De Jesus Crespo, Reb	National Academy of Sciences(NAS)	Early Career Research Fellowship	$	76,000
Blanchard, Leslie Da	West Baton Rouge Parish School System	Myers-Briggs Type Indicator for West Baton Rouge Schools administrative assistants	$	1,700

Proposals Submitted by OSP — February 2019

Principal Investigator Co-PI(s)	Agency	Title		Amount
Cardin, Rhonda Diane	Microbiotix, Inc.	Optimization of novel early stage inhibitors of HCMV infection	$	236,800
Lee, Yongcheol	Dept of Transportation	Selecting the Most Feasible Construction Phasing Plans for Urban Highway Rehabilitation Projects	$	25,000
Mariotti, Giulio	National Academy of Sciences(NAS)	Gulf Research Program Fellowship	$	76,000
Johnston, Andrea	Texas A&M University	Comparative Gastroenterology Summer Student Scholars	$	9,000
Hiatt, Matthew	National Academy of Sciences(NAS)	Early Career Research Fellowship	$	76,000
Malisoff, Michael A	National Science Foundation - NSF	NRI:FND:COLLAB: Developing Long Term Autonomy of AUVs with Self-Awareness for Marine Life Monitoring	$	200,000
Mukhopadhyay, Suprat Zhu, Yimin	Dept of Transportation	Combining Virtual Reality and Machine Learning for Enhancing the Resiliency of Transportation Infrastructure in Extreme Events	$	30,000
Kim, Yong-ha Wang, Wei-Hsung	Board of Supervisors of LSU and A&M College (Board)	Novel Module for Separation of Radionuclides from Aqueous Solutions	$	29,000
Choi, Jin-Woo Lee, Yongcheol	Dept of Transportation	Development, Education, and Implementation of A Low-Cost Audio Sensor-based Autonomous Surveillance System for Smart and Connected Transportation Infrastructure Construction and Maintenance	$	25,000
Lee, Yongcheol	Dept of Transportation	Holistic Network-level Assessment of Pavement Flood Damages using the FEMA s Hazus Flood Models and Maintenance Cost Prediction	$	25,000
Long, Anna C	GulfSouth Autism Center	Gulf South Autism Center Extern 2019 2020	$	20,318
Gartia, Manas Ranjan	National Academy of Sciences(NAS)	Nanomaterials for Membrane Fouling Prevention and Simultaneous Water Treatment	$	76,000
Arce Amador, Gabriel Hassan, Marwa Mohame	Dept of Transportation	Evaluation of Bagasse Ash as Cement and Sand Replacement for the Production of Engineered Cementitious Composites (ECC)	$	60,000
Arce Amador, Gabriel Hassan, Marwa Mohame	Dept of Transportation	Engineered Geopolymer Composites (EGC) for Sustainable Transportation Infrastructure	$	60,000
Jafari, Navid H	National Academy of Sciences(NAS)	Integrating Geoengineering into Coastal Ecosystem Processes	$	76,000
Berryman, Charles W Hassan, Marwa Mohame Sadek, Husam	Dept of Transportation	Enhancing the Performance of Asphalt Mixtures Containing High RAP Content with the Use of Different WMA Technologies	$	60,000
Gilbert, Hunter Brya Kuznetsov, Nikita McCarter, Kevin S	National Institutes of Health - NIH	Adapted Guitar to Improve Motor Function After Stroke	$	590,230
Berryman, Charles W Hassan, Marwa Mohame Sadek, Husam	Dept of Transportation	Evaluation of Asphalt Mixtures Resistance to Cement-Treated Base Reflective Cracking in the Laboratory	$	60,000
Sun, Chao	National Academy of Sciences(NAS)	Enhancing the understanding and safety of offshore oil and gas platforms under extreme marine conditions	$	76,000
Okeil, Ayman M	Dept of Transportation	Corrosion Management System of Regional Reinforced Concrete (RC) Bridges	$	25,000
Jafari, Navid H	Dept of Transportation	Coupling Novel Soil Moisture-Suction Sensors and UAV Photogrammetry Technology to the Performance of Highway Embankments	$	45,000
Chen, Shengli Sun, Chao	Dept of Transportation	Advanced Modelling and Design Methodology for Pavements using Plasticity-based Shakedown Theory	$	45,000
Austin, Christopher	National Science Foundation - NSF	Collaborative Research: ARTS: Identifying diversity, describing species, and revising taxonomy of New Guinean snakes	$	248,419
Lockheart, Timira D Walsh, Maud Maureen	Louisiana Department of Wildlife & Fisheries	Can They Dig it Assessing the Educational Effectiveness of Soil Health Activities at a 4-H Summer Workshop	$	722
Macnaughtan, Megan A	National Institutes of Health - NIH	Structural switching of the bifunctional Chlamydia trachomatis protein, Scc4	$	434,606
Zhu, Yimin	National Science Foundation - NSF	Collaborative Research: AccelNet: Data Infrastructure for Wellbeing-Centric Sustainable Built Environment Ecosystems-DiWSBEE Network	$	66,996

Proposals Submitted by OSP — February 2019

Principal Investigator Co-PI(s)	Agency	Title		Amount
Dance, Michael	National Academy of Sciences(NAS)	NAS Early Career Fellowship	$	76,000
Martin, Elizabeth Ca	National Institutes of Health - NIH	Age mediated stromal remodeling in the progression of ER+ breast cancer	$	100,000
Mitchell, Brant Dyla	Pulse Technology Services, LLC	CJIS Policies and Procedures	$	3,578
Richard, Golden G II	National Science Foundation - NSF	CCRI: Planning: Collaborative Research: Open Virtual Environmental Measurement Infrastructure	$	28,914
Jenkins, Dawn Luther, Amy Lynn Persaud, Patricia Wilson, Zakiya S	National Aeronautics & Space Administration - NASA	Geaux Science for Girls: Our Earth, Our Laboratory	$	6,095
Pullin, Jorge	National Science Foundation - NSF	Support for US participants in the workshop Quantum gravity in the Southern Cone.	$	9,900
Bharti, Bhuvnesh Hughes, Richard G Thompson, Karsten E	Dept of Energy - DOE	Plant-Based Nanomaterials as a New Class of Eco-Friendly Additive for Improving Ultimate Recovery from Unconventional Oil and Gas Resources	$	999,759
Cronin, James T Harman, Rachel Roxan	Louisiana Department of Wildlife & Fisheries	The evolution of dispersal propensity, competitive ability, and fecundity in range expanding populations	$	1,200
Chen, Shengli Gupta, Ipsita Olorode, Femi Tyagi, Mayank	Dept of Energy - DOE	Modeling Shale Stimulated Reservoir Volume using Machine Learning on Experimental Fracture Mechanics and Multiphysics Simulations Datasets	$	1,499,987
Farasat, Mehdi	National Science Foundation - NSF	Collaborative Research: Investigation of Highly Efficient, Cost Effective Arrayed Wave-Energy Conversion Systems	$	203,713
Dassanayake, Maheshi	University of Western Australia	Plant nitrate restraint: Does constraining nitrate influx systems accompany high leaf phosphorus-use efficiency in a phosphorus-impoverished ecosystem	$	-
Francis, Joseph	Cedars-Sinai	Mechanistic Insights to A Translatable Therapy for Acute Reperfused Hemorrhagic Myocardial Infarctions	$	1,333,667
Harms, Kyle E Santiago-Rosario, Lu	Louisiana Department of Wildlife & Fisheries	Stoichiometric mismatch of sodium between resource and consumers across a varying phytochemical landscape and its role in male herbivore fitness.	$	1,190
Cronin, James T Lee, Herie	Louisiana Department of Wildlife & Fisheries	Restoration of Phragmites die-back in the Lower Mississippi River Delta and the multifactorial causes	$	1,198
Griffiths, Joanna Sa Kelly, Morgan W	Louisiana Department of Wildlife & Fisheries	The capacity to adapt to changing salinity conditions in the eastern oyster, Crassostrea virginica	$	1,073
Justic, Dubravko	Tulane University	Development of Lowermost Mississippi River and adjacent estuaries real time forecasting system for water, sediment and select nutrients	$	93,000
Lam, Siu Ngan Sun, Mingxuan	National Science Foundation - NSF	AI-DCL: EAGER: Fairness-aware Informatics System for Enhancing Disaster Resilience	$	300,000
Rivera-Laos, Mario E	University of Kansas	Studies of a Burkholderia pseudomallei small molecule toxin involved in iron acquisition and pathogenesis	$	392,040
Shelton, William All Vekhter, Ilya	Dept of Energy - DOE	Excited-State and Dynamical Properties in Functional Materials: A First-Principles-Based Advance for Addressing Tens to Millions of Atoms	$	2,999,980
Moles, Aimee	Heritage Ranch Christian Children's Home	The Heritage Ranch Program Evaluation Project Proposal Phase I	$	7,500
Holstein, Daniel	National Science Foundation - NSF	RAPID: Collaborative Research: Predicting the Spread of Multi-Species Coral Disease Using Species Immune Traits	$	29,910
Buckner, Julia D	University of Houston	An Automated and Tailored Mobile Cannabis-Anxiety Treatment	$	413,443
Bharti, Bhuvnesh Rao, Dandina N	Kuwait Oil Company	Nano-Particle Enhanced Thermal Recovery and In-Situ Upgrading of Kuwait s Extra Heavy Oil and Tarmat	$	1,245,546
Total			**$**	**45,021,597**

Awards Budgeted by SPA — February 2019

Award ID	Principal Investigator Co-PI(s)	Award Name	Agency	New	Continuing	Total
AWDC-000039	Cooper, Samuel Booth	LSUAM | LTRC Student Worker Program	LA Transportation Research Center (LTRC)	$ -	$ 147,600	$ 147,600
AWDC-000539	Walsh, Marie Burns	LSUAM | LTAP-Local Technical Assistance Program	LA Transportation Research Center (LTRC)	$ 1,011,448	$ -	$ 1,011,448
AWDC-000562	Ditusa, John F	LSUAM | Dr. Wayne Newhauser as Chief of Medical Physics at MBPCC	Mary Bird Perkins Cancer Center	$ -	$ 19,349	$ 19,349
AWDC-002004	Martinez, Juan Jose	LSUAM | the Roles of Conserved Outer-Membrane Proteins in Sfg Rickettsia Pathogenesis	NIH-National Institute of Allergy and Infectious Diseases	$ -	$ 366,228	$ 366,228
AWDC-000190	Singh, Parampreet	LSUAM | Career: Explorations in Quantum Gravity: Cosmological and Black Hole Spacetime	National Science Foundation (NSF)	$ -	$ 90,000	$ 90,000
AWDC-000189	Chen, Feng	LSUAM | Career: Flashing Up Data Centers: an Orchestrated Design for Flash-Based Distr	National Science Foundation (NSF)	$ -	$ 112,916	$ 112,916
AWDC-002007	Macaluso, Kevin R Martinez, Juan Jose	LSUAM | Molecular Basis for Spotted Fever Group Rickettsia Vector Competence in Ticks	NIH-National Institute of Allergy and Infectious Diseases	$ -	$ 370,000	$ 370,000
AWD-000265	Wilde, Mark M	LSUAM | Practical Free-Space QKD System	Raytheon BBN Technologies Corp	$ -	$ 15,000	$ 15,000
AWDC-001032	Overton, Edward B	LSUAM | 24/7 Incident Response and Incident Response Preparation	US Department of Commerce-NOAA | 06	$ -	$ 165,000	$ 165,000
AWDC-000834	Bilskie, Matthew Vernon Hagen, Scott C	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	$ 37,738	$ -	$ 37,738
AWDC-000363	Johnson, Victor O Keller, Roy	LSUAM | Louisiana Economic Development/ Louisiana Technology Transfer Office	LA Dept of Economic Development | 03	$ 682,852	$ -	$ 682,852
AWD-000071	Robbins, Kevin Douglas	LSUAM | Operations of the Southern Regional Climate Center	US Department of Commerce-NOAA | 07	$ -	$ 577,500	$ 577,500
AWD-000843	Faircloth, Brant C	LSUAM | Collaborative Research: All Birds: A Time-Scaled Avian Tree From Integrated Phylogenomic and Fossil Data	National Science Foundation (NSF)	$ 8,440	$ -	$ 8,440
AWD-001125	Wang, Fahui	LSUAM | Automated Delineation of Cancer Service Areas	Trustees of Dartmouth College	$ -	$ 30,000	$ 30,000
AWD-001957	Doran, Peter	LSUAM | THOR: Thermal High-Voltage Ocean-Penetrator Research Platform	Stone Aerospace/PSC, Inc. | 01	$ 69,097	$ -	$ 69,097
AWD-001941	Ding, Kunlun Spivey, James Jerome Xu, Ye	LSUAM | Conversion of CO2 to High-Value Chemical Intermediates: Vinyl Acetate	Pennsylvania State University | 04	$ 399,948	$ -	$ 399,948
AWD-001968	Ding, Guoli Ramanujam, Jagannathan	LSUAM | Phylanx Engine Enhancement and Visualizations Development	Booz Allen Hamilton, Inc. (BAH)	$ 1,120,896	$ -	$ 1,120,896
AWD-001964	Menon, Shyam K	LSUAM | Investigation of Hybrid Powertrains for Small Unmanned Aircraft Systems	Southern University | 05	$ 51,500	$ -	$ 51,500

Awards Budgeted by SPA — February 2019

Award ID	Principal Investigator Co-PI(s)	Project Title	Agency	New	Continuing	Total
AWD-001350	Blanchard, Pamela Borne Edwards, Jean Renee Haberlie, Alex Keim, Barry David Lindstedt, Dianne Marie Midway, Stephen R Miller, Andrea L Trepanier, Jill C Tsai, Frank Tsung-Chen Twilley, Robert R	LSUAM | Louisiana Sea Grant Omnibus Proposal 2018-2022	US Department of Commerce-NOAA | 05	$ -	$ 310,006	$ 310,006
AWD-001938	Duran, Randolph Stephen	LSUAM | Louis Stokes Regional Center for Excellence: LSAMP - NSF International Center of Excellence (NICE)	National Science Foundation (NSF)	$ 107,705	$ -	$ 107,705
AWD-001447	Twilley, Robert R	LSUAM | Hatchery Assistance in the Production of Oyster Larvae and Seed for Oyster Resource Restoration & Alternative Culture	LA Dept of Wildlife & Fisheries | 01	$ 250,002	$ -	$ 250,002
AWD-001952	Mukhopadhyay, Supratik	LSUAM | Low-Shot Detection in Remote Sensing Imagery	Lynntech, Inc.	$ 15,000	$ -	$ 15,000
AWD-001962	Patial, Sonika Saini, Yogesh	LSUAM | Understanding the role of myeloid cells in ozone-induced airway disease	NIH-National Institute of Environmental Health Sciences	$ 620,394	$ -	$ 620,394
AWD-001954	Le, Melinda Hang	LSUAM | Psychology Doctoral Internship Program	LA Dept of Health & Hospitals-Office of Behavioral Health | 07	$ 21,375	$ -	$ 21,375
AWD-001791	Cavell, J Anthony Mugnier, Clifford J Osborne, Randy L Voyiadjis, George Z	LSUAM LSU Support of Regional Geospatial Modeling	University of Southern Mississippi | 03	$ (80,000)	$ -	$ (80,000)
AWD-001973	Baker, Richard Kirshner, David H Madden, James J Moreno, Juana Neubrander, Frank M	LSUAM | Expanding and Strengthening the STEM Teacher Workforce Through UTeach	University of Texas at Austin | 07	$ 98,722	$ -	$ 98,722
AWD-001961	Andrews, Frank M Hall, Laura Riggs Leise, Britta Sigrid	LSUAM | A multi-Center Study to Evaluate the Effectiveness and Field Safety of Hyaluronate Sodium for the Control of Clinical Signs Associated with Osteoarthritis in Horses	Midwest Veterinary Services (MVS)	$ 61,105	$ -	$ 61,105
AWD-001937	Schneider, Helmut	LSUAM | CMV Crash and Hazmat Data Analysis	LA Dept of Public Safety & Corrections-Office of State Police	$ 160,635	$ -	$ 160,635
AWD-001950	Choi, Jin-Woo	LSUAM | AcuStim: Wearable Stimulator for Veterinary Electro-Acupuncture Project Period	LSU Board of Supervisors	$ 49,000	$ -	$ 49,000
AWD-001970	Dowling, Jonathan	LSUAM | Coherent Control of Multimode Quantum Optical Signals via Atom-Meditated Nonlinear Inter-actions	College of William & Mary | 01	$ 73,205	$ -	$ 73,205
AWD-001960	Mayne, Jeffrey S	LSUAM | School Emergency Management Program	LA Dept of Education | 20	$ 744,821	$ -	$ 744,821

Awards Budgeted by SPA — February 2019

Award ID	Principal Investigator Co-PI(s)	Project Title	Agency	New	Continuing	Total
AWD-001959	Laine, Roger A	LSUAM | Time-Lapse Serratia anti-tumor polysaccharide characterization for a composition of matter patent and testing in a mouse tumor model for commercial development as a human drug	LSU Board of Supervisors	$ 43,400	$ -	$ 43,400
AWD-001969	Nevarez, Javier G	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-001963	Nevarez, Javier G	LSUAM | Alligator Veterinary Surveillance for the Louisiana Alligator Industry/Louisiana Department of Wildlife and Fisheries (LDWF)	LA Dept of Wildlife & Fisheries | 17	$ 49,600	$ -	$ 49,600
AWD-001947	Twilley, Robert R	LSUAM | Outreach Plan for Fishing Industry Adaptation Workgroups in Coastal Louisiana	Walton Family Foundation | 01	$ 318,802	$ -	$ 318,802
AWD-001945	Pojman, John Anthony	LSUAM | Time-Lapse Adhesives using the Urea-Urease Reaction	LSU Board of Supervisors	$ 27,500	$ -	$ 27,500
AWD-001965	Douglas, William Lake	LSUAM | Design Discovery American Architecture and Landscape Field Trip Program	Society of Architectural Historians (SAH)	$ 5,000	$ -	$ 5,000
AWD-001944	Khonsari, Michael M	LSUAM | Evaluation of Contamination Effects on Copper alloy and SS316 on Torlon under Sea Water Lubrication	Mide Technology Corporation | 01	$ 10,000	$ -	$ 10,000
AWD-001948	Choi, Jin-Woo Moulton, Jeffrey Allen	LSUAM | IWA FY-19-006-EMAP	Stephenson Technologies Corporation (STC) | 01	$ 28,878	$ -	$ 28,878
AWD-001939	Blanchard, Leslie Davis	LSUAM | Leadership Competency and Coaching for Development - Broadmoor High School	East Baton Rouge Parish School System | 09	$ 5,000	$ -	$ 5,000
AWD-001956	Mitchell, Mark	LSUAM | Evaluating the Efficacy of F10 Against Salmonella sp. in the Aquatic Habitat of the Red-Ear Slider, Trachemys Scripta Elegans	LA Aquatic Chelonian Research & Promotion Board | 01	$ 7,000	$ -	$ 7,000
AWD-001940	Blanchard, Leslie Davis	LSUAM | Leadership Competency and Coaching for Development - Woodlawn High School	East Baton Rouge Parish School System | 09	$ 5,000	$ -	$ 5,000
AWD-001955	Calvert, Derek David Johannsen, Neil Lemoine, Nathan Paul Marucci, Jacob J Mullenix, Rochelle L Spielmann, Guillaume	LSUAM | Efficacy of Filtration of Alph-2-Macroglobulin Protein Concentration from Plasma and its Resiliency to Freezing	SygenX	$ 5,126	$ -	$ 5,126
Grand Total				**$ 6,038,949.00**	**$ 2,203,599.00**	**$ 8,242,548.00**

Comparison of Proposal Data for past 3 years

February 2019

Colleges	Cumulative as of February 2017 Proposals Submitted	Cumulative as of February 2017 Funds Requested	Cumulative as of February 2018 Proposals Submitted	Cumulative as of February 2018 Funds Requested	Cumulative as of February 2019 Proposals Submitted	Cumulative as of February 2019 Funds Requested
Academic Services	1.00	$ 68,805	2.00	$ 130,969	1.50	$ 104,739
Administrative	15.15	$ 3,539,161	17.26	$ 4,255,595	26.87	$ 3,826,237
Auxiliaries	0.00	$ -	0.00	$ -	0.00	$ -
Centers and Institutes	12.19	$ 2,339,240	9.49	$ 1,942,763	11.10	$ 3,017,308
Center for Energy Studies	9.28	$ 1,095,133	5.63	$ 760,361	5.20	$ 591,009
College of Humanities and Social Sciences	86.66	$ 19,371,467	89.76	$ 18,327,883	83.13	$ 13,003,467
College of Human Sciences and Education	47.09	$ 35,401,646	32.72	$ 43,589,903	59.30	$ 22,115,027
College of Music and Dramatic Arts	6.00	$ 633,279	2.50	$ 103,475	3.25	$ 281,876
College of Agriculture	7.20	$ 962,056	5.88	$ 986,766	8.17	$ 1,563,333
College of Art and Design	3.05	$ 242,393	11.64	$ 534,122	9.90	$ 1,129,856
College of Business	24.35	$ 12,014,556	16.00	$ 1,740,323	12.40	$ 1,542,401
College of Engineering	286.12	$ 106,500,704	310.64	$ 90,971,307	243.24	$ 115,907,855
College of Science	235.32	$ 90,834,200	261.95	$ 95,580,515	224.16	$ 87,602,984
Continuing Education	8.00	$ 2,175,652	4.00	$ 440,748	4.00	$ 886,233
Center for Computation and Technology	5.03	$ 2,830,905	1.30	$ 263,837	0.25	$ 69,009
Facility and Property Oversight	1.00	$ 10,000	0.00	$ -	0.00	$ -
Graduate School	1.85	$ 408,750	1.90	$ 351,500	1.90	$ 708,500
Information Technology Services	0.00	$ -	0.00	$ -	0.00	$ -
LSU Online	0.00	$ -	0.00	$ -	0.00	$ -
Libraries	1.25	$ 31,671	2.50	$ 10,987	2.00	$ 43,844
Museums	0.00	$ -	0.00	$ -	0.00	$ -
Louisiana Sea Grant	18.76	$ 6,338,858	43.14	$ 7,575,750	22.69	$ 2,411,446
VP Research and Economic Development	2.05	$ 1,382,937	2.13	$ 3,000,898	1.10	$ 31,039
College of the Coast and Environment	89.91	$ 39,699,025	54.74	$ 12,472,763	77.75	$ 49,285,705
School of Mass Communication	4.04	$ 347,431	4.15	$ 1,317,469	4.12	$ 732,631
School of Veterinary Medicine	85.64	$ 36,942,290	99.22	$ 58,474,916	100.25	$ 53,587,030
SNCSRT	19.50	$ 29,922,317	36.45	$ 42,535,859	35.30	$ 36,904,833
Student Services	0.00	$ -	0.10	$ 100,000	2.00	$ 16,500
University College	2.00	$ 827,056	1.00	$ 355,757	2.00	$ 668,043
VP Strategic Initiatives	3.45	$ 2,926,581	2.80	$ 1,904,655	6.73	$ 1,780,518
Paul M. Hebert Law Center	0.13	$ 131,575	0.10	$ 799,962	0.00	$ -
Athletic Department	0.00	$ -	0.00	$ -	1.70	$ 8,588
Total as of February	**976.00**	**$ 396,977,687**	**1019.00**	**$ 388,529,083**	**950.00**	**$ 397,820,010**
Total of Fiscal Year	**1335.00**	**$ 510,199,815**	**1450.00**	**$ 573,620,388**	**--**	**--**

Comparison of Award Data for past 3 years

February 2019

College	Cumulative as of February 2017 Feb - New (2017)	Feb - Continuing (2017)	Feb - Total (2017)	Cumulative as of February 2018 Feb - New (2018)	Feb - Continuing (2018)	Feb - Total (2018)	Cumulative as of February 2019 Feb - New (2019)	Feb - Continuing (2019)	Feb - Total (2019)
Academic Services	$ 117,598	$ 1,800	$ 119,398	$ 155,482	$ 117,905	$ 273,387	$ 689,779	$ 111,105	$ 800,884
Administrative	$ 15,000	$ 883,720	$ 898,720	$ 1,785,255	$ 15,000	$ 1,800,255	$ 3,000	$ 1,857,930	$ 1,860,930
Auxiliaries	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Center for Computation and Technology	$ 224,735	$ -	$ 224,735	$ -	$ 74,911	$ 74,911	$ -	$ 74,911	$ 74,911
Center for Energy Studies	$ 223,573	$ 143,159	$ 366,732	$ 222,221	$ 97,596	$ 319,817	$ 556,737	$ 29,698	$ 586,435
Centers and Institutes	$ 1,194,890	$ 75,000	$ 1,269,890	$ 511,130	$ 65,046	$ 576,176	$ 1,170,257	$ 948,135	$ 2,118,392
College of Agriculture	$ 218,792	$ 206,259	$ 425,051	$ 70,704	$ 28,000	$ 98,704	$ 30,000	$ 5,689	$ 35,689
College of Art and Design	$ 8,505	$ -	$ 8,505	$ 53,425	$ -	$ 53,425	$ (288,906)	$ -	$ (288,906)
College of Business	$ 8,670,560	$ 63,611	$ 8,734,171	$ 2,039,586	$ -	$ 2,039,586	$ 458,916	$ 98,981	$ 557,897
College of Engineering	$ 3,497,755	$ 1,595,859	$ 5,093,614	$ 11,457,913	$ 4,118,283	$ 15,576,196	$ 23,679,029	$ 6,923,739	$ 30,602,768
College of Human Sciences and Education	$ 1,504,370	$ 729,530	$ 2,233,900	$ 2,305,666	$ 653,568	$ 2,959,234	$ 1,457,031	$ 849,765	$ 2,306,796
College of Humanities and Social Sciences	$ 1,258,449	$ 927,686	$ 2,186,135	$ 1,159,188	$ 1,579,930	$ 2,739,118	$ 2,123,642	$ 999,289	$ 3,122,931
College of Music and Dramatic Arts	$ -	$ -	$ -	$ 32,000	$ 16,000	$ 48,000	$ 69,999	$ 32,000	$ 101,999
College of Science	$ 8,520,442	$ 4,498,517	$ 13,018,959	$ 8,672,104	$ 8,792,309	$ 17,464,413	$ 10,358,111	$ 8,957,794	$ 19,315,905
College of the Coast and Environment	$ 1,432,513	$ 709,672	$ 2,142,185	$ 2,099,119	$ 913,431	$ 3,012,550	$ 367,209	$ 3,329,738	$ 3,696,947
Continuing Education	$ 1,540,602	$ -	$ 1,540,602	$ 648,646	$ -	$ 648,646	$ 1,897,153	$ 250,000	$ 2,147,153
Facility and Property Oversight	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Graduate School	$ 346,000	$ 210,000	$ 556,000	$ 503,000	$ 205,000	$ 708,000	$ 54,000	$ 756,000	$ 810,000
Information Technology Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Libraries	$ -	$ -	$ -	$ 24,132	$ -	$ 24,132	$ 2,160	$ -	$ 2,160
Louisiana Sea Grant	$ 624,736	$ 300,000	$ 924,736	$ 806,003	$ 84,777	$ 890,780	$ 1,593,157	$ 526,634	$ 2,119,791
Museums	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Paul M. Hebert Law Center	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
School of Mass Communication	$ 27,431	$ 171,462	$ 198,893	$ 181,459	$ -	$ 181,459	$ 30,240	$ 189,004	$ 219,244
School of Veterinary Medicine	$ 2,634,744	$ 1,801,169	$ 4,435,913	$ 2,705,828	$ 2,541,220	$ 5,247,048	$ 3,089,919	$ 2,811,371	$ 5,901,290
SNCSRT	$ 11,020,253	$ 405,000	$ 11,425,253	$ 24,987,560	$ 6,194,539	$ 31,182,099	$ 27,470,099	$ 7,133,955	$ 34,604,054
Student Services	$ -	$ 21,375	$ 21,375	$ 225,360	$ 21,375	$ 246,735	$ 21,375	$ -	$ 21,375
University College	$ -	$ 569,559	$ 569,559	$ 337,838	$ 355,757	$ 693,595	$ -	$ 668,043	$ 668,043
VP Research and Economic Development	$ -	$ 70,000	$ 70,000	$ -	$ -	$ -	$ 132,705	$ -	$ 132,705
VP Strategic Initiatives	$ 2,506	$ 325,477	$ 327,983	$ 1,281,331	$ -	$ 1,281,331	$ 235,685	$ 588,551	$ 824,236
Athletics	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,588	$ -	$ 8,588
Total as of February	**$ 43,083,454**	**$ 13,708,855**	**$ 56,792,309**	**$ 62,264,950**	**$ 25,874,647**	**$ 88,139,597**	**$ 75,209,885**	**$ 37,142,332**	**$ 112,352,217**
Total of Fiscal Year		**$144,426,340**			**$134,694,428**			**$0**	

Comparison of Expenditure Data for past 3 years — February 2019

First Level Cost Center Hierarchy	Feb-2017	FY 2017	Feb-2018	FY 2018	Feb-2019
Athletics	$ -	$ -	$ -	$ -	$ 5,000
Assoc VP Administration and IT/CIO	$ 4,812	$ 1,118	$ 28,500	$ 28,500	$ -
Center for Computation and Technology	$ 1,483,359	$ 2,514,235	$ 1,303,283	$ 1,953,245	$ 1,554,179
Center for Energy Studies	$ 213,601	$ 451,471	$ 386,470	$ 789,828	$ 379,464
Centers and Institutes	$ 475,423	$ 1,305,501	$ 1,178,302	$ 1,984,838	$ 1,102,399
College of Agriculture	$ 357,687	$ 505,538	$ 274,641	$ 405,921	$ 218,744
College of Art and Design	$ (9,951)	$ (9,148)	$ 6,877	$ 26,556	$ 34,098
College of Business	$ 2,305,292	$ 3,920,366	$ 2,811,629	$ 4,472,010	$ 2,636,191
College of Engineering	$ 12,071,223	$ 21,442,549	$ 14,237,059	$ 23,368,054	$ 16,230,724
College of Human Sciences and Education	$ 2,103,236	$ 3,846,494	$ 2,220,456	$ 3,010,674	$ 1,496,821
College of Humanities and Social Sciences	$ 2,079,728	$ 3,721,697	$ 2,587,056	$ 4,333,919	$ 2,494,811
College of Music and Dramatic Arts	$ 10,667	$ 34,333	$ 30,928	$ 74,043	$ 19,727
College of Science	$ 12,375,711	$ 23,605,004	$ 15,648,635	$ 24,650,335	$ 15,425,941
College of the Coast and Environment	$ 4,911,856	$ 7,475,606	$ 4,850,636	$ 7,960,008	$ 4,626,062
Continuing Education	$ 834,529	$ 1,626,583	$ 1,057,759	$ 1,499,484	$ 955,095
Dean of Students	$ -	$ 5,000	$ -	$ -	$ -
Executive VP and Provost	$ 574	$ 2,713	$ 4,586	$ 6,583	$ -
Facility and Property Oversight	$ 7,908	$ 71,662	$ -	$ -	$ -
Graduate School	$ 354,305	$ 554,553	$ 492,931	$ 772,507	$ 532,250
Human Resource Management	$ 45	$ 67	$ 13,003	$ 112,070	$ (102)
Information Technology Services	$ 1,524,282	$ 2,747,222	$ 1,011,097	$ 1,514,178	$ 1,252,720
International Programs	$ 47	$ 62,515	$ -	$ 62,365	$ 12,060
LSU Police	$ -	$ 42,667	$ -	$ 12,179	$ 712
Libraries	$ 850,788	$ 1,160,458	$ 88	$ 3,642	$ 11,145
Louisiana Sea Grant	$ 892,591	$ 1,978,167	$ 1,911,005	$ 2,909,819	$ 2,168,301
Paul M. Hebert Law Center	$ -	$ 2,313	$ 3,073	$ 3,073	$ -
SNCSRT	$ 19,518,767	$ 33,270,472	$ 21,226,612	$ 34,396,284	$ 22,109,481
School of Mass Communication	$ 218,765	$ 258,946	$ 216,340	$ 260,501	$ 368,844
School of Veterinary Medicine	$ 4,682,825	$ 8,817,113	$ 6,777,349	$ 11,775,026	$ 7,353,933
Student Health Center	$ 88,833	$ 149,660	$ 148,644	$ 227,296	$ 26,849
University College	$ 346,994	$ 575,539	$ 462,001	$ 697,647	$ 472,781
VP Research and Economic Development	$ 30,356	$ 64,266	$ 47,221	$ 51,460	$ 46,738
VP Strategic Initiatives	$ 834,525	$ 1,242,275	$ 720,358	$ 1,119,522	$ 752,900
VProvost Academic Programs and Support Services	$ 198,830	$ 876,042	$ 835,502	$ 1,424,849	$ 632,646
Total	**$ 68,767,609**	**$ 122,322,998**	**$ 80,492,040**	**$ 129,906,418**	**$ 82,920,513**