

Combined Proposal and Award Activity Report

Prepared by Office of Sponsored Programs & Sponsored Program Accounting

January 2020

Comparison Charts of Proposal/Award/Expenditure for past 3 years: p. 2-5 Proposals Submitted by OSP: p. 6-12 Awards Budgeted by SPA: p. 13-15 Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 16-18

SUMMARY January 1, 2020 through January 31, 2020

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

Awards by Sponsor January 2020

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





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





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





Comparison of Invention Disclosures

Comparison of Total U.S. Patent Applications





Comparison of Total U.S. Patents Issued



Proposals Submitted by OSP

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

| Wilson Konnady Zaki | C | | | | |
|---|----------------------------|---|---|----|---------------|
| Wilson-Kennedy, Zaki Schwarz, Andrew | C P | LSU Board of Supervisors | Making Learning Fun: Developing an Interactive | Ś | 50,000.00 |
| Schwarz, Andrew | ŗ | | Big Data Analytics Game for Undergraduate Education | Ŷ | 50,000.00 |
| Kaiser, Hartmut | Ρ | UT-Battelle, LLC (Oak Ridge National Lab ORNL) | - Development of the DCA application using HPX | \$ | 139,264.00 |
| Neubrander, Frank M | Р | LA Department of Education (LDOE) | Environmental Education Initiatives 19-20 | \$ | 17,850.00 |
| Xue, Zuo | Ρ | US Geological Survey (USGS) | Assess Hydrological and Sediment's Response to Hurricane Florence (2018) at the Land-Ocean Interaction Zone | \$ | 199,874.00 |
| Stout, Rhett Whitman Langohr, Ingeborg | P C | The Terra Cor Institution | North Amercian CWD Project (The Terra Cor Institution) | \$ | 191,600.00 |
| Douglas, William Lak | Р | Landscape Architecture Foundation (LAF) | 2020 LAF Case Study Investigation Program | \$ | 11,200.00 |
| Hammons, Hayden Mann | С | | | | |
| Huang, Weishan | Ρ | Oak Ridge Associated Universities (ORAU) | Heterogeneity of regulatory T cells during pulmonary inflammation at the single cell level | \$ | 5,000.00 |
| Wang, Tuo | Ρ | Arnold and Mabel Beckman Foundation | New Spectroscopic Methods for Resolving the Structural Fingerprint of Complex Carbohydrates in Cell | \$ | 300,000.00 |
| Russo, Adelaide M | Ρ | McGraw-Hill Education | French Textbooks | \$ | 7,500.00 |
| Barbalata, Corina Benfield, Mark C de Queiroz, Marcio Gilbert, Hunter Brya Hiatt, Matthew Holstein, Daniel Sun, Mingxuan Ye, Jinwei Zhan, Viananuai | P C O O C O | National Science Foundation (NSF) | RII Track-2 FEC: Data-driven Marine Robotics for Quantifying Multi-scale Coastal Hydrodynamics and Ecological Functions | \$ | 3,992,500.00 |
| Zhou, Xiangwei | 0 | National Science Foundation (NSF) | Inverse designed Nenenhobie Structures for | ć | 440 582 00 |
| Gartia, Manas Ranjan Veronis, Georgios | P C | National Science Foundation (NSF) | Inverse-designed Nanophobic Structures for Ultrasensitive Three-Dimensional Orientation Imaging of Single Molecules Using Second | \$ | 440,583.00 |
| Huang, Weishan | Ρ | MegaRobo | Harmonic Generation Signaling regulation of immune homeostasis | \$ | 71,218.00 |
| Berkowitz, Dana Alli | Ρ | University of South Carolina | The Paradox of Advanced Maternal Age:Social Determinants of Health, Biomedical Risk, and Women s Experiences with First Births after Age 35 | \$ | 97,900.00 |
| Hassan, Hany | Ρ | Transportation Research Board | Highway Safety Behavioral Strategies for Rural Areas. | \$ | 299,898.00 |
| Lin, Hai | Ρ | Oak Ridge Associated Universities (ORAU) | Investigation of Mycelium Biocompsite as a Green Building Material | \$ | 5,000.00 |
| Schneider, Helmut Mukhopadhyay, Suprat Wolshon, Paul B Zhu, Yimin | P C C C | Transportation Research Board | Development of Crash Prediction Models for Short-Term Durations | \$ | 650,000.00 |
| Snyder, Brian F Bargu Ates, Sibel | P C | National Oceanic and Atmospheric Administration (NOAA) | Social, Cultural and Economic Impacts of CyanoHABs on the Louisiana-Mississippi Coast: Vulnerability in Changing Coastal System | \$ | 732,508.00 |
| Hiatt, Matthew | С | | | ć | |
| Bargu Ates, Sibel | Ρ | NOAA Great Lakes Environmental Research Laboratory | Enhancing the Capabilities of the 3rd Generation Environmental Sample Processor (3G ESP) for HAB Toxin Detection Through Integration with an Autonomous Surface Vehicle (ASV) | \$ | 25,556.00 |
| Miller, Paul Benfield, Mark C Hagen, Scott C Huang, Haosheng Li, Chunyan | P C C C | Texas A&M University | Cooperative Institute for Integrated Data, Science, Engineering, and Prediction | \$ | 10,006,776.99 |

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

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

| Peterson, Cynthia B | C | | | | |
|--|--------|--|---|----|--------------|
| Rivera-Laos, Mario E | C P | LA Department of Culture, Recreation | LA Fisheries Ferward 2020 Summit /La Scafeed | ć | F 000 00 |
| Hymel, Thomas Michae | Р | and Tourism (CRT) | LA Fisheries Forward 2020 Summit (La. Seafood Promotions And Marketing Board Support) | Ş | 5,000.00 |
| Hollier, Deborah Lyn | Р | Office of Postsecondary Education | SSS Grant Application | \$ | 387,566.00 |
| Walimuni Devage, Sun | Ρ | Rutgers, The State University of New Jersey | Martian Critical Zones: Thickness, Diversity, and Implications for Martian Hydrology and Habitability | \$ | 144,231.00 |
| Hollier, Deborah Lyn | Р | Office of Postsecondary Education | LSU STEM SSS | \$ | 253,032.00 |
| Chaney, Cassandra D | Ρ | Texas Tech University (TTU) | The Intergenerational Impact of Religion and Spirituality on The Development and Practice of Virtues in African American Families | \$ | 73,816.00 |
| McCauley, Charles T | Р | American Veterinary Medical Foundation | AVMA/AVMF 2nd Opportunity Summer Research Scholarship Program Application | \$ | 6,000.00 |
| Vincent, Lauren Mae | 0 | | Form 2020 | | |
| Dassanayake, Maheshi | Ρ | University of Missouri | AccelNet: A cohesive approach to better understand the mechanisms driving the uptake of nutrients and toxic elements by plants for a better and safer human nutrition. | \$ | 89,975.00 |
| Rhodes, Judith Lee Cupit, Leanna | P C | East Baton Rouge Parish School System (EBRPSS) | Magnet School Assistance Program (MSAP) Grant External Evaluator | \$ | 81,968.00 |
| Skok, John Roma | С | University of California at San Diego | Understanding the cohesion of martian soils | \$ | 128,166.00 |
| Walimuni Devage, Sun | Р | | | | |
| Walimuni Devage, Sun | Ρ | NASA Marshall Space Flight Center | What processes preserved compositional similarity across large volcanic provinces on Mars while the lithosphere thickened? | \$ | 180,651.00 |
| Kutter, Thomas J | Р | Office of Science/Department of Energy | Research in Elementary Particle Physics | \$ | 1,030,354.00 |
| Christofferson, Rebe | Ρ | Florida International University (FIU) | Defining the four dimensional vector exposure space (4DVES) of Aedes mosquitos in Colombia | \$ | 644,332.00 |
| Zhu, Xiuping | Ρ | LA Board of Regents (BOR) | Solar-driven microbial electrodialysis cells for water recycling and H2 generation in space | \$ | 11,891.00 |
| Harmon, Brendan Serrano, Nicholas | P P | National Sea Grant College Program | Plank Road Healthy Living Sustainable Development Collaborative Student Project | \$ | 3,000.00 |
| Kameshwar, Sabarethi | P | LA Transportation Research Center (LTRC) | Quantifying and enhancing the time-dependent extreme event resilience of road networks | \$ | 29,600.00 |
| Schneider, Helmut | Ρ | Mississippi State University (Miss State) | EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR | \$ | 1,293,924.00 |
| Hutchinson, Cory Joh Mukhopadhyay, Suprat | C C | | Collaborations (RII Track -2 FEC) | | |
| Whitchurch, David Ea | С | | | | |
| Gartia, Manas Ranjan | Ρ | LA Board of Regents (BOR) | Synthesis of Perovskite CsPbBr3 single crystals for high spectral resolution gamma ray detector | \$ | 12,500.00 |
| Park, Seung-Jong | Ρ | University of Nevada, Las Vegas (UNLV) | RII Track-2 FEC: Harnessing multi-modal data for precision risk assessment and early | \$ | 449,853.00 |
| Lee, Kisung | С | | detection of complex diseases | | |
| Frick, Paul Joseph | Ρ | The Mind Research Network | Forensic, Imaging, Risk and Ethics (FIRE) COBRE | \$ | 341,525.00 |
| Davis, Thompson Elde | Р | Collegiate Academies | Psychology Externs at Collegiate Academies | \$ | 17,000.00 |
| Douglas, William Lak | Р | The Herb Society of America | Herbs and Their Uses in the 19th-Century New Orleans Region | \$ | 5,000.00 |
| Cormier, Stephania A | Ρ | LSU Health Sciences Center (LSUHSC) in New Orleans | Frailty-associated Dysbiosis Impairs Host Immune Responses to Influenza Vaccination | \$ | 380,685.00 |
| Langohr, Ingeborg | Ρ | Louisiana State University Agricultural Center | Targeting intestinal mast cells, Janus kinase and mucin in ulcerative colitis | \$ | 3,644.00 |
| | | | | | |

| Krause, John Jason | Р | US Department of State (DOS) | Securing WMD Expertise at Higher Education | \$ | 146,955.00 |
|--|-------------|--|--|----|------------|
| Kiause, joini jason | F | US Department of State (DUS) | Institutions | Ļ | 140,955.00 |
| Tu, Fang-Ting | Ρ | Simons Foundation | Modular Forms and Hypergeometric Systems | \$ | 42,000.00 |
| Mukhopadhyay, Suprat Zhu, Yimin | P C | | Al Institute: Planning: Institute for Research on | \$ | 80,000.00 |
| Krause, John Jason | P | Cognition (IHMC) US Department of State (DOS) | Augmented Immersive Learning FY20 Countering WMD Threats in Iraq - Safety Plans and Standard Operating Procedure Development | \$ | 193,748.00 |
| Krause, John Jason | Ρ | US Department of State (DOS) | FY20 Global Biosecurity Engagement Activities | \$ | 365,793.00 |
| Arce Amador, Gabriel Hassan, Marwa Mohame | P C | US Department of Transportation | Development of Novel Ultra-High Performance Engineered Cementitious Composites (UHP- ECC) for Durable and Resilient Transportation Infrastructure | \$ | 45,000.00 |
| Arce Amador, Gabriel Hassan, Marwa Mohame | P C | US Department of Transportation | Evaluation of Alternative Sources of Supplementary Cementitious Materials (SCMs) for Concrete Materials in Transportation Infrastructure | \$ | 45,000.00 |
| Mousa, Momen Ragab Arce Amador, Gabriel Hassan, Marwa Mohame | P C C | US Department of Transportation | Determination of the Optimal Parameters for Self-Healing Efficiency of Encapsulated Bacteria in Concrete in a Simulated Subtropical Climate | \$ | 45,000.00 |
| Krause, John Jason | Ρ | US Department of State (DOS) | FY20 Strengthening International Nonproliferation Norms | \$ | 467,345.00 |
| Krause, John Jason | Ρ | US Department of State (DOS) | FY20 - Global Chemical Security Engagement Activities - Fundamentals of Criminal Intelligence for Chemical Terrorism Plot Investigations | \$ | 144,109.00 |
| DiCarlo, Cynthia F Grantham-Caston, Mic | P C | LA Department of Education (LDOE) | Louisiana early childhood key training modules - Managing a Commitment to Leadership and Professionalism | \$ | 10,000.00 |
| Hassan, Hany | Ρ | LA Transportation Research Center (LTRC) | Examining drivers' behaviors to truck- platooning operations in connected vehicles environment | \$ | 30,000.00 |
| Bulut, Aynur | Ρ | Simons Foundation | Long-time regularity issues in nonlinear dispersive PDE | \$ | 42,000.00 |
| Lee, Yongcheol | Ρ | US Department of Transportation | Deep Reinforcement Learning-based Project Prioritization for Rapid Post-Disaster Recovery of Transportation Infrastructure Systems | \$ | 20,000.00 |
| Lin, Hai Chen, Shengli | P C | US Department of Transportation | Calculating Pile Downdrag: Experimental and Numerical Investigations | \$ | 30,000.00 |
| Jafari, Navid H | Р | US Department of Transportation | Mining of Unmanned Aerial System Operations and Data to Improve Emergency Operations during Natural Disasters | \$ | 20,000.00 |
| Lin, Hai | Ρ | US Department of Transportation | Rapid Repair of Cracks on the Embankment Slopes Using Bio-Cement | \$ | 30,000.00 |
| Mousa, Momen Ragab Hassan, Marwa Mohame | P C | US Department of Transportation | Development of Decision Trees for the Selection of Pavement Maintenance and Rehabilitation Activities in South-Central United States | \$ | 40,000.00 |
| Mariotti, Giulio | Ρ | The Wetland Foundation | Conference travel grant - Kendall Valentine | \$ | 1,400.00 |
| Mousa, Momen Ragab Hassan, Marwa Mohame | P C | US Department of Transportation | Durability and Service Life of Pavement Markings for Asphalt and Concrete Pavements in Louisiana | \$ | 40,000.00 |
| Sun, Chao | Ρ | US Department of Transportation | Efficient, Low-cost Bridge Cracking Detection and Quantification Using Deep-learning and UAV Images | \$ | 29,999.00 |

| Calamia, Matthew Ray | Ρ | LSU Pennington Biomedical Research Center (PBRC) | Use of a novel computerized preclinical Alzheimer's cognitive composite (cPACC) to measure cognitive change in community dwelling elderly | \$ 1,060,894.00 |
|------------------------------------|--------|---|--|--------------------|
| Wang, Chao | Ρ | US Department of Transportation | Automated Road Damage Classification based on Analysis of Crowdsourced Vehicle Vibration Data | \$ 20,000.00 |
| Chen, Senlin | Ρ | University of Georgia (UGA) | Bracing up Research on Adolescents' preVention of Obesity: BRAVO! Hispanic Boys | \$ 65,035.00 |
| Mukhopadhyay, Suprat Zhu, Yimin | P C | US Department of Transportation | Combining Virtual Reality and Machine Learning for Enhancing the Resiliency of Transportation Infrastructure in Extreme Events | \$ 20,000.00 |
| De Jesus Crespo, Reb | Ρ | University of Southern Mississippi | Flooding risk and effects on medically important urban vectors | \$ 26,196.00 |
| Lewin, Andrew | Ρ | Morris Animal Foundation | Assessing potential for antiviral resistance in feline herpesvirus | \$ 5,000.00 |
| Aly, Aly Mousaad | Ρ | LA Transportation Research Center (LTRC) | Deep Learning for Enhanced Security of Connected Vehicles | \$ 30,000.00 |
| Arges, Christopher G | Ρ | The Electrochemical Society (ECS) | Probing concentration polarization in intermediate temperature polymer electrolyte membrane fuel cells | \$ 50,000.00 |
| Spivak, David | Ρ | US Department of Transportation | Catalyst Regeneration of RAP-Binder in Asphalt | \$ 24,998.00 |
| Total | | | | \$ 68,204,542 |

Awards Budgeted by SPA

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

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

| Avera Lobits Like Mark 1000 Comman Lenners Company Lenners <th< th=""><th>AWD-002621</th><th>Neubrander, Frank M</th><th>Ρ</th><th>LSUAM Impact Charter School -</th><th>Impact Charter School</th><th>\$ 26,849.00</th><th>\$ -</th><th>\$ 26,849.00</th></th<> | AWD-002621 | Neubrander, Frank M | Ρ | LSUAM Impact Charter School - | Impact Charter School | \$ 26,849.00 | \$ - | \$ 26,849.00 |
|--|-------------|--|-----------------------|--|-----------------------------|--------------------|--------------------|--------------------|
| AMD-020252 Lithuyan P Lithukan P Lithukan P Lithukan Nate ristitute of the Gulf S 5.702.00 S S 5.702.00 AMD-020252 Holdray, Rebert P Lithukan P Lithukan Anthologian Anthologian S 10,000.00 S S 124,490.00 S S 124,490.00 S S 124,690.00 S 124,690.00 | AWD-002622 | | | LSUAM Electromagnetic | LSU Ag Center 05 | \$ 35,000.00 | \$ - | \$ 35,000.00 |
| AMO-D02224 Hiton, Robert P Statution in the F abair, Calibbe State: Workshop and State Board of Architectural Examiness Statution is a status and statu | | | | | | | | |
| Collaborative: Workshop and Symposium Architectural Examiners Security is a security security is a security is a security is a security is a | AWD-002623 | Li, Chunyan | Р | LSUAM Barataria Inlets | | \$ 6,702.00 | \$ - | \$ 6,702.00 |
| Data Analysis Corrections-Office of state Number of state Number of state Number of state AND-002526 Hatt, Matthew P LSUAM Monthong Waves and Submert, Adam Exattal Protection & S 226,759.00 S | AWD-002624 | Holton, Robert | Ρ | Collaborative: Workshop and | | \$ 10,000.00 | \$ - | \$ 10,000.00 |
| Number of the second | AWD-002625 | Schneider, Helmut | Ρ | | Corrections-Office of State | \$ 152,449.00 | \$ - | \$ 152,449.00 |
| Johnson, Alyssa P Rayers in cluliair Health and minomastasis AWD-002633 Rao, Dandina N P SUMAI Exploring the Applicationin Single-Weil Cassasisted Gravity Suman Academy of S 70,700.00 \$ \$ 76,000.00 \$ \$ | AWD-002626 | Hiatt, Matthew | Ρ | | Restoration Authority | \$ 226,769.00 | \$ - | \$ 226,769.00 |
| AWD-002538 Rao, Dandina N P SLSUAM I Exploring the Applicability of single-Well Gassatted Gravity Damage Process in Tuscaloosa Marine Shale Resource in Louisian ISU Board of Supervisors S 70,700.00 S S 70,700.00 AWD-002637 Birch, Traci P LSUAM 1 (2019 Early Career Research Fellowship Research Fellowship Robels, Judith Lee S 10001 Academy of Sciences S 70,700.00 S S 76,000.00 AWD-002630 Murser, Carolin Robels, Judith Lee C ISUAM 1 Project Advancing Vellenes and Resine Education (AWARE) IA Dept of Education 1 10 S 205,077.00 S S 205,077.00 AWD-002640 Rhodes, Judith Lee P ISUAM 1 IZAP-Lacal Technical Assistance Program IA Transportation Research Center (LTRC) S 1,020,448.00 S I.0.20,448.00 S I.0.20,048.00 S 0,000.00 S 0,000.00< | AWD-002630 | | | Players in Cellular Health and | W. M. Keck Foundation | \$ 1,000,000.00 | \$ - | \$ 1,000,000.00 |
| AWD-002680 Perser, Carolina (Subal Perser, Carolina Moles, Almee Rodes, Judith Lee Perser, Carolina Moles, Judith Jee Perser, Judith Jee Perser, Carolina Moles, Judith Jee Perser, Carolina Moles, Judith Jee Perser, Carolina Moles, Judith Jee Perser, Judith Jee Perser, Carolina Moles, Judith Jee Perser, Judith Jee Jee Jee Jee Jee Jee Jee Jee Jee Je | AWD-002636 | Rao, Dandina N | Ρ | LSUAM Exploring the Applicability of Single-Well Gas-Assisted Gravity Drainage Process in Tuscaloosa | LSU Board of Supervisors | \$ 70,700.00 | \$ - | \$ 70,700.00 |
| AWD-002639Purser, Carolin Moles, Aimee Redes, Judith LeeCLUAM Project Advancing (AWARE)La Dept of Education 19\$211,366.00\$\$211,366.00AWD-002640Rhodes, Judith LeePLSUAM AVARE: Louisiana School Behavioral Health Support ProgramLa Dept of Education 19\$205,077.00\$\$\$\$205,077.00AWD-002640Rhodes, Judith LeePLSUAM AVARE: Louisiana School Behavioral Health Support ProgramLA Transportation Research Center (LTRC)\$1,020,448.00\$ <td< td=""><td>AWD-002637</td><td>Birch, Traci</td><td>Ρ</td><td></td><td>•</td><td>\$ 76,000.00</td><td>\$ -</td><td>\$ 76,000.00</td></td<> | AWD-002637 | Birch, Traci | Ρ | | • | \$ 76,000.00 | \$ - | \$ 76,000.00 |
| Noell, George JrCBehavioral Health Support ProgramLA Transportation Research Center (LTRC)S1,020,448.00SSS1,020,448.00AWDC-000682Thompson, Karsten E Waltrich, Paulo Williams, Wesley CCISUAM Valve Performance C Clearing/booless (VPC) ConsortiumCalering (VPC) ConsortiumS45,000.00S15,000.00S60,000.00AWDC-00083Bickle, Matthew Vernon Utiliams, Wesley CCSUAM Development of an Optimized Tide and Hurricane Storm Geroling Art Chapel Hill 03SS37,736.00< | AWD-002639 | Moles, Aimee | С | LSUAM Project Advancing Wellness and Resilience Education | | \$ 211,366.00 | \$ - | \$ 211,366.00 |
| AWDC-000682Thompson, Karsten E Waltrich, Paulo Williams, Wesley CP ILSUAM Valve Performance CClearing (VPC) ConsortiumS45,000.00\$15,000.00\$60,000.00AWDC-000834Bilskie, Matthew Vernon Hagen, Scott CCCClearing (VPC) Consortium CUniversity of North Carolina At Chapel Hill 03\$37,736.00\$37,736.00\$37,736.00AWDC-000834Meng, Wen Jin Guo, Shengmin Atikitopoulos, Dimitris E Moldovan, DorelPUsual Consortium for Innovation A (CIMM) - NSFLA Board of Regents 02 Attended and Materials\$ <td>AWD-002640</td> <td></td> <td></td> <td>•</td> <td>LA Dept of Education 19</td> <td>\$ 205,077.00</td> <td>\$ -</td> <td>\$ 205,077.00</td> | AWD-002640 | | | • | LA Dept of Education 19 | \$ 205,077.00 | \$ - | \$ 205,077.00 |
| Waltrich, Paulo Williams, Wesley C Williams, Wesley C AWDC-000834C C CClearinghouse (VPC) Consortium ConsortiumClearing (VPC) ConsortiumClearing (VPC) ConsortiumAWDC-000834Bilskie, Matthew Vernon Hagen, Scott CPDytimized Tide and Hurricane Storm Surge Model for the Northern Guif of Mexico (MS, AL, FL) for Use with the ADCIRC Surge Guidance SystemUniversity of North Carolina At Chapel Hill [03 Carolina At Chapel Hill [03 Sorthern Guif Carolina At Chapel Hill [03 Sorthern Guif Goo, Shengmin Moldovan, Dorel Niktopoulos, Dimitris E Haber, Louis H (CIMM) - NSFLSUAM Consortium for Innovation (CIMM) - NSFLA Board of Regents 02 Northern Sorthern Guif Carolina At Chapel Hill [03 Sorthern Guif Carolina At Chapel Hill [03 Sorthern Guif Carolina At Chapel Hill [03 Sorthern Guiff Carolina At Chapel Hill [03 <b< td=""><td>AWDC-000539</td><td>Strength, Steven</td><td>Ρ</td><td>•</td><td></td><td>\$ 1,020,448.00</td><td>\$ -</td><td>\$ 1,020,448.00</td></b<> | AWDC-000539 | Strength, Steven | Ρ | • | | \$ 1,020,448.00 | \$ - | \$ 1,020,448.00 |
| Hagen, Scott CPOptimized Tide and Hurricane Storm Surge Model for the Northern Gulf of Mexico (MS, AL, FL) for Use with the ADCIRC Surge Guidance SystemCarolina At Chapel Hill [03]Is in the interval surge Model for the Northern Gulf of Mexico (MS, AL, FL) for Use with the ADCIRC Surge Guidance SystemLA Board of Regents [02]\$< | AWDC-000682 | Waltrich, Paulo | С | | | \$ 45,000.00 | \$ 15,000.00 | \$ 60,000.00 |
| Guo, Shengmin A in Manufacturing and Materials Moldovan, Dorel A Nikitopoulos, Dimitris E A Haber, Louis H A Kurtz, Richard L A Voyiadjis, George Z A Sprunger, Phillip C Moldovan, Dorel A MVDC-001830 Meng, Wen Jin Meng, Wen Jin P LSUAM Consortium for Innovation LA Board of Regents 02 Moldovan, Dorel A Moldovan, Dorel A Moldovan, Dorel A Moreno, Juana A Voyiadjis, George Z A Moldovan, Dorel A Moreno, Juana A Kurtz, Richard L A Moreno, Juana A Kurtz, Richard L A Moreno, Juana A Sprunger, Phillip C Guo, Shengmin A Nikitopoulos, Dimitris E | AWDC-000834 | | | Optimized Tide and Hurricane Storm Surge Model for the Northern Gulf of Mexico (MS, AL, FL) for Use with | • | \$ - | \$ 37,736.00 | \$ 37,736.00 |
| Moldovan, DorelAin Manufacturing and MaterialsHaber, Louis HA(CIMM)Voyiadjis, George ZAKurtz, Richard LAMoreno, JuanaASprunger, PhillipCGuo, ShengminANikitopoulos, Dimitris EA | AWDC-001829 | Guo, Shengmin Moldovan, Dorel Nikitopoulos, Dimitris E Haber, Louis H Kurtz, Richard L Voyiadjis, George Z Sprunger, Phillip | A A A A C | in Manufacturing and Materials | LA Board of Regents 02 | \$ | \$ 1,460,137.00 | \$ 1,460,137.00 |
| Grand Total \$ 6,725,928 \$ 3,029,931 \$ 9,755,859 | AWDC-001830 | Meng, Wen Jin Moldovan, Dorel Haber, Louis H Voyiadjis, George Z Kurtz, Richard L Moreno, Juana Sprunger, Phillip Guo, Shengmin | А А А С А | in Manufacturing and Materials | LA Board of Regents 02 | \$ - | \$ 430,000.00 | \$ 430,000.00 |
| | Grand Total | | | | | \$ 6,725,928 | \$ 3,029,931 | \$ 9,755,859 |

Comparison of Proposal Data for past 3 years

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

Comparison of Award Data for past 3 years

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

Comparison of Expenditure Data for past 3 years

January 2020

| ant Lovel Cost Conton History | | 1 2010 | | EV 2040 | | 1 0010 | | | | 1 0000 |
|---|----------|------------------------------|---------|---------------------------------|-----------------|------------------------------|---------|---------------------------------|----------|----------------------------|
| First Level Cost Center Hierarchy | | Jan-2018 | | FY 2018 | | Jan-2019 | | FY 2019 | | Jan-2020 |
| Athletics | \$ | - | \$ | - | \$ | - | \$ | 5,000 | \$ | - |
| Assoc VP Administration and IT/CIO | \$ | 28,500 | \$ | 28,500 | \$ | - | \$ | - | \$ | - |
| Center for Academic Success | \$ | 72,717 | \$ | - | \$ | 86,046 | \$ | - | \$ | 125,622 |
| Center for Computation and Technology | \$ | 1,150,436 | \$ | 1,953,245 | \$ | 1,411,543 | \$ | 2,248,123 | \$ | 1,556,979 |
| Center for Energy Studies | \$ | 337,527 | \$ | 789,828 | \$ | 351,855 | \$ | 484,846 | \$ | 219,230 |
| Centers and Institutes | \$ | 984,520 | \$ | 1,984,838 | \$ | 937,849 | \$ | 1,880,332 | \$ | 1,187,657 |
| College of Agriculture | \$ | 262,477 | \$ | 405,921 | \$ | 200,262 | \$ | 415,554 | \$ | 186,938 |
| College of Art and Design | \$ | 6,862 | \$ | 26,556 | \$ | 32,274 | \$ | 37,346 | \$ | 2,513 |
| College of Business | \$ | 2,435,710 | \$ | 4,472,010 | \$ | 2,299,566 | \$ | 4,071,448 | \$ | 2,105,593 |
| College of Engineering | \$ | 12,348,803 | \$ | 23,368,054 | \$ | 14,712,435 | \$ | 24,616,113 | \$ | 12,697,913 |
| College of Human Sciences and Education | \$ | 2,052,457 | \$ | 3,010,674 | \$ | 1,472,123 | \$ | 2,783,420 | \$ | 2,270,136 |
| College of Humanities and Social Sciences | \$ | 2,316,542 | \$ | 4,333,919 | \$ | 2,289,931 | \$ | 3,786,509 | \$ | 1,895,705 |
| College of Music and Dramatic Arts | \$ | 11,175 | \$ | 74,043 | \$ | 19,727 | \$ | 83,726 | \$ | 42,802 |
| College of Science | \$ | 14,060,923 | \$ | 24,650,335 | \$ | 13,764,492 | \$ | 24,816,747 | \$ | 13,494,95 |
| College of the Coast and Environment | \$ | 4,305,178 | \$ | 7,960,008 | \$ | 4,015,273 | \$ | 6,908,906 | \$ | 4,315,07 |
| Continuing Education | \$ | 881,891 | \$ | 1,499,484 | \$ | 873,619 | \$ | 2,116,247 | \$ | 524,98 |
| Dean of Students | \$ | - | \$ | - | \$ | - | \$ | - | \$ | |
| Executive VP and Provost | \$ | 4,586 | \$ | 6,583 | \$ | - | \$ | - | \$ | |
| Facility and Property Oversight | \$ | - | \$ | - | \$ | - | \$ | - | \$ | |
| Graduate School | \$ | 444,097 | \$ | 772,507 | \$ | 485,914 | \$ | 720,879 | \$ | 392,58 |
| Human Resource Management | \$ | 12,997 | \$ | 112,070 | \$ | (102) | \$ | (102) | \$ | |
| Information Technology Services | \$ | 883,676 | \$ | 1,514,178 | \$ | 1,099,539 | \$ | 1,868,326 | \$ | 1,726,03 |
| International Programs | \$ | - | \$ | 62,365 | \$ | - | \$ | 58,646 | \$ | |
| LSU Police | \$ | - | \$ | 12,179 | \$ | 2,682 | \$ | 712 | \$ | |
| Libraries | \$ | 88 | \$ | 3,642 | \$ | 10,630 | \$ | 14,755 | \$ | 6,71 |
| Louisiana Sea Grant | \$ | 1,575,984 | \$ | 2,909,819 | \$ | 1,914,526 | \$ | 3,305,936 | \$ | 1,757,420 |
| Paul M. Hebert Law Center | \$ | 3,073 | \$ | 3,073 | \$ | - | \$ | - | \$ | (2 |
| SNCSRT | \$ | 18,854,862 | \$ | 34,396,284 | \$ | 19,415,776 | \$ | 36,144,375 | \$ | 21,542,14 |
| School of Mass Communication | \$ | 216,260 | \$ | 260,501 | \$ | 363,143 | \$ | 438,895 | \$ | 23,31 |
| School of Veterinary Medicine | \$ | 5,421,461 | \$ | 11,775,026 | \$ | 5,775,176 | \$ | 13,357,789 | \$ | 7,668,264 |
| Student Health Center | \$ | 96,433 | \$ | 227,296 | \$ | 25,068 | \$ | 33,973 | \$ | 2,55 |
| University College | \$ | 415,188 | \$ | 697,647 | \$ | 409,928 | \$ | 687,492 | \$ | 426,12 |
| VP Research and Economic Development | \$ | 45,250 | \$ | 51,460 | \$ | 38,817 | \$ | 155,327 | \$ | 14,37 |
| VP Strategic Initiatives | \$ | 647,130 | | 1,119,522 | \$ | 683,417 | | | \$ | 905,33 |
| VP Student Affairs | \$ | - | \$ | <u> </u> | \$ | | \$ | - | \$ | 22,07 |
| VProvost Academic Programs and Support | | | | | | | | 1 000 | | |
| Services Total | \$ \$ | 699,650 70,576,449 | \$ ¢ | 1,424,849 129,906,418 | \$ \$ | 461,829 73,153,339 | \$ ¢ | 1,369,785 133,585,187 | \$ \$ | 302,45 75,415,47 |
| IUtai | Ф | 10,310,449 | φ | 129,900,418 | φ | 13,133,339 | φ | 155,505,107 | φ | 75,415,474 |

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

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