



Combined Proposal and Award Activity Report
 Prepared by Office of Sponsored Programs
 & Sponsored Program Accounting

April 2023

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

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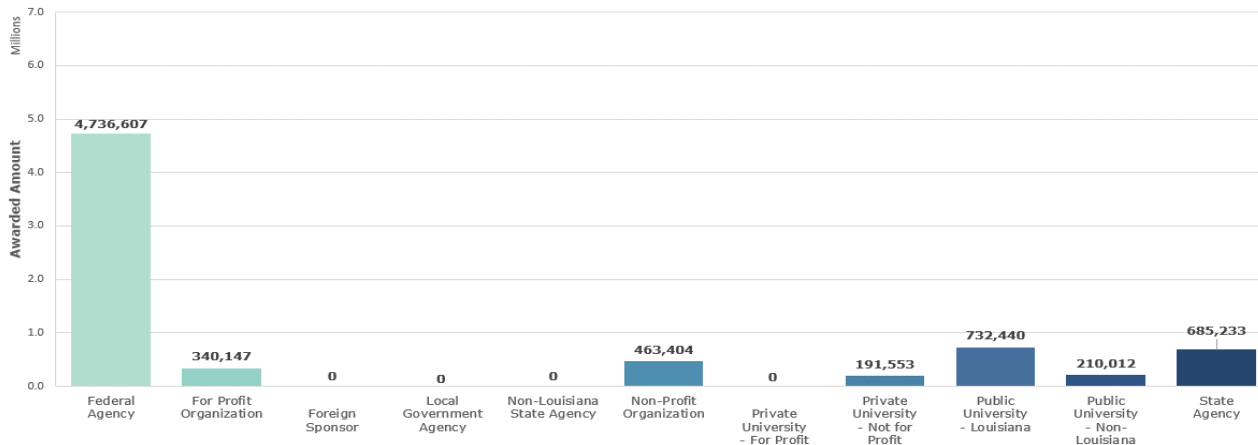
SUMMARY

April 1, 2023 through April 30, 2023

| | | April 2023 | | July - April 2023 | |
|----------------------------|----|------------|------------|-------------------|-------------|
| Proposals Submitted by OSP | 65 | \$ | 20,828,949 | \$ | 480,067,184 |
| Awards Budgeted by SPA | 42 | \$ | 7,359,396 | \$ | 146,651,394 |
| Expenditures | -- | | -- | \$ | 132,614,550 |

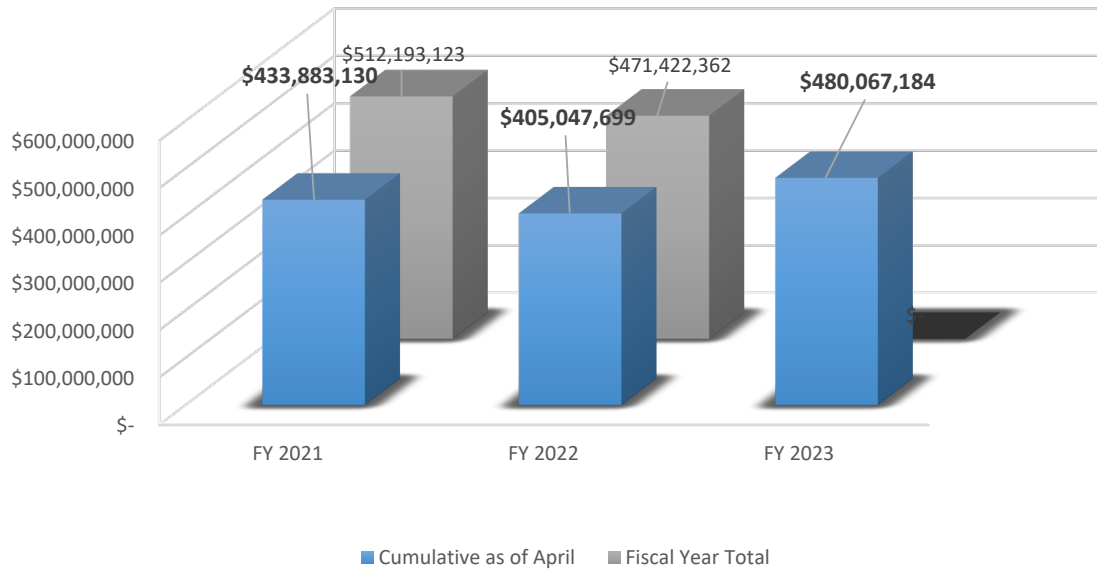
Awards by Sponsor April 2023

| Sponsor Type | Number of Awards | Awarded Amount |
|-----------------------------------|------------------|---------------------|
| Federal Agency | 11 | \$ 4,736,607 |
| For Profit Organization | 3 | \$ 340,147 |
| Foreign Sponsor | 0 | \$ - |
| Local Government Agency | 0 | \$ - |
| Non-Louisiana State Agency | 0 | \$ - |
| Non-Profit Organization | 7 | \$ 463,404 |
| Private University-For Profit | 0 | \$ - |
| Private University-Not For Profit | 4 | \$ 191,553 |
| Public University-Louisiana | 4 | \$ 732,440 |
| Public University-Non-Louisiana | 5 | \$ 210,012 |
| State Agency | 8 | \$ 685,233 |
| TOTAL | 42 | \$ 7,359,396 |

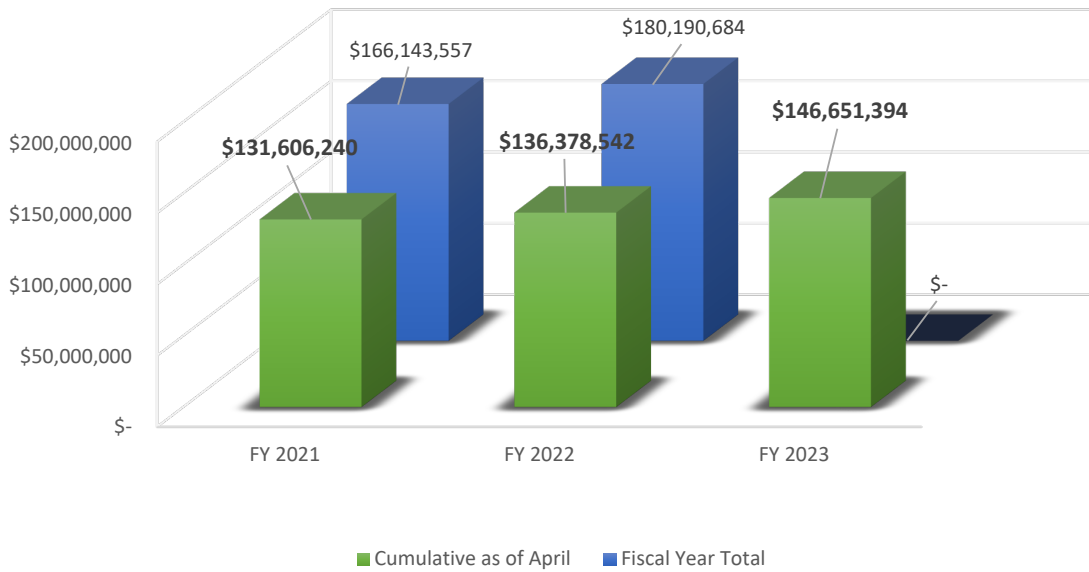


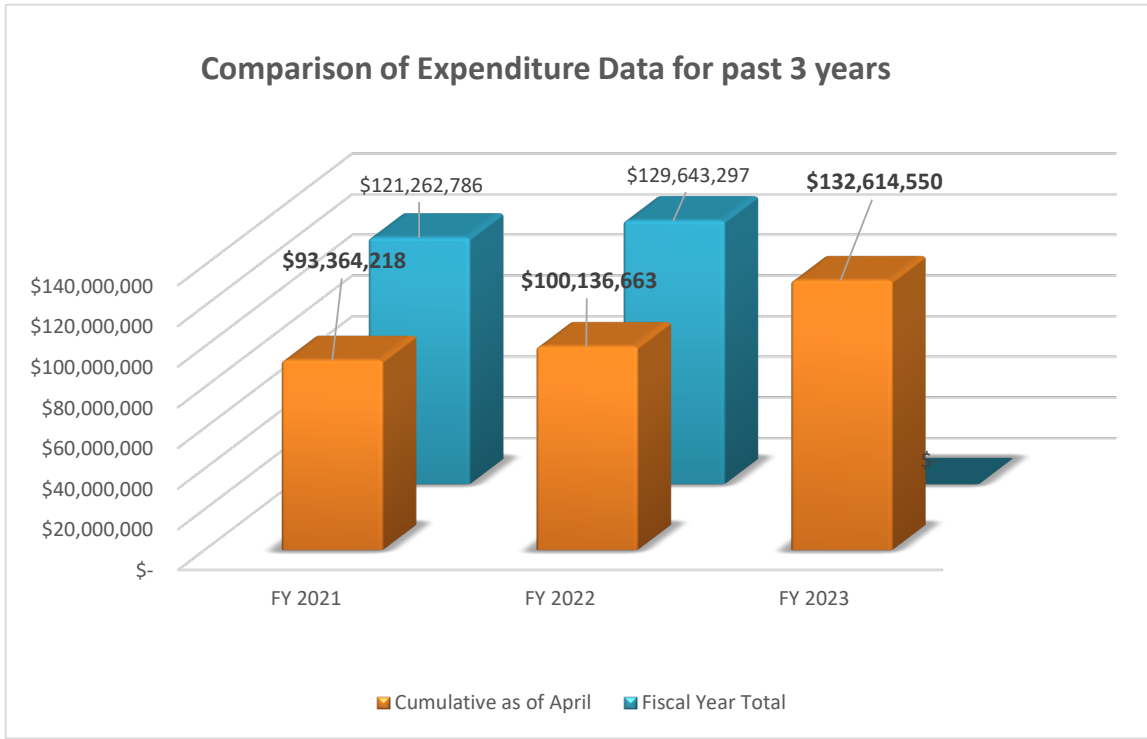
Comparison of Proposal & Award & Expenditure Data for past 3 years

Comparison of Proposal Data for past 3 years



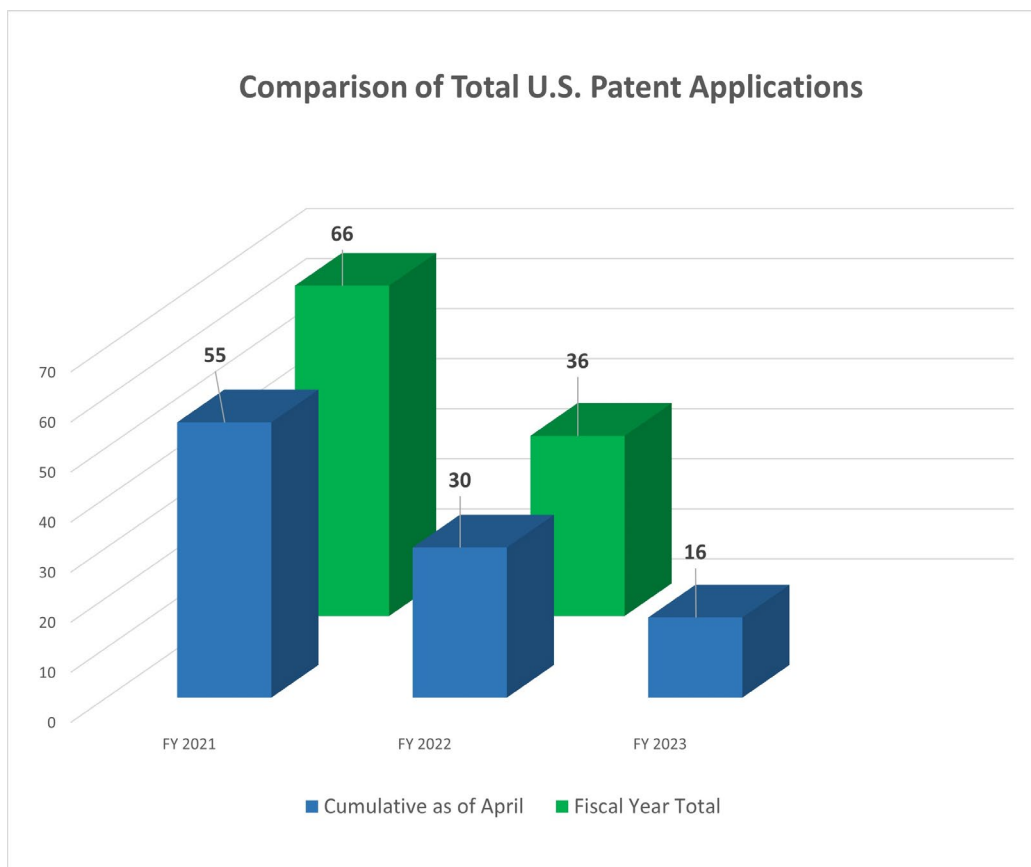
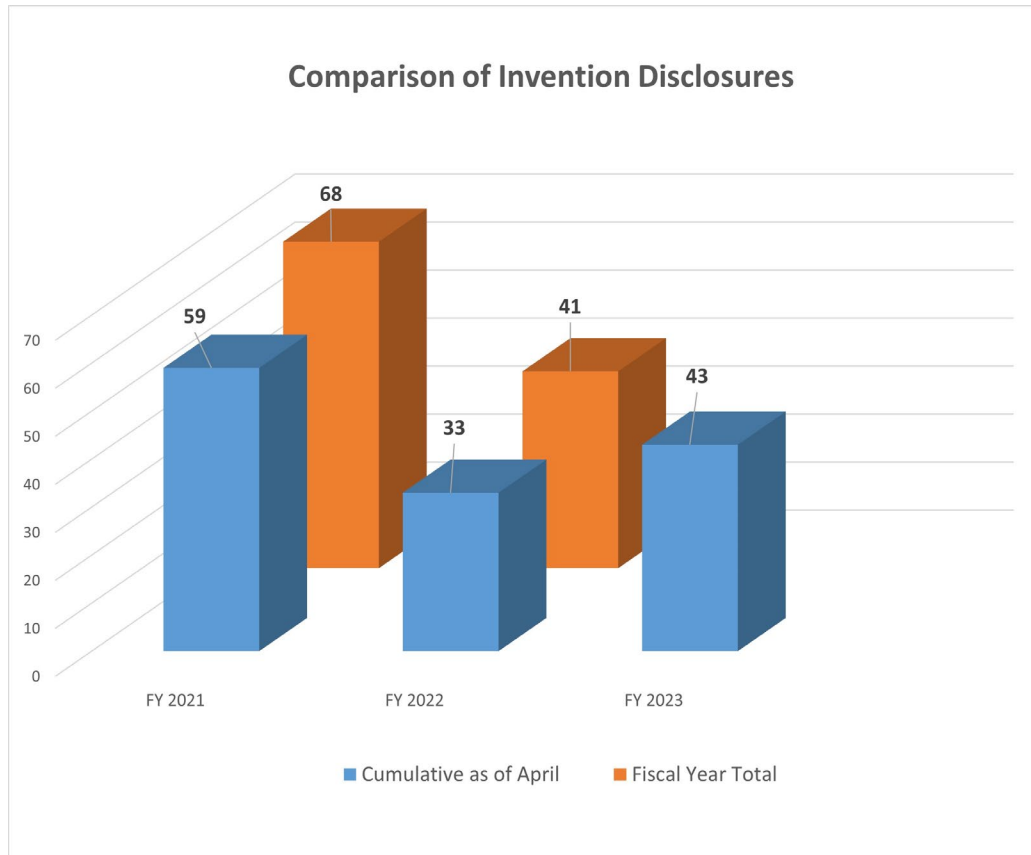
Comparison of Award Data for past 3 years

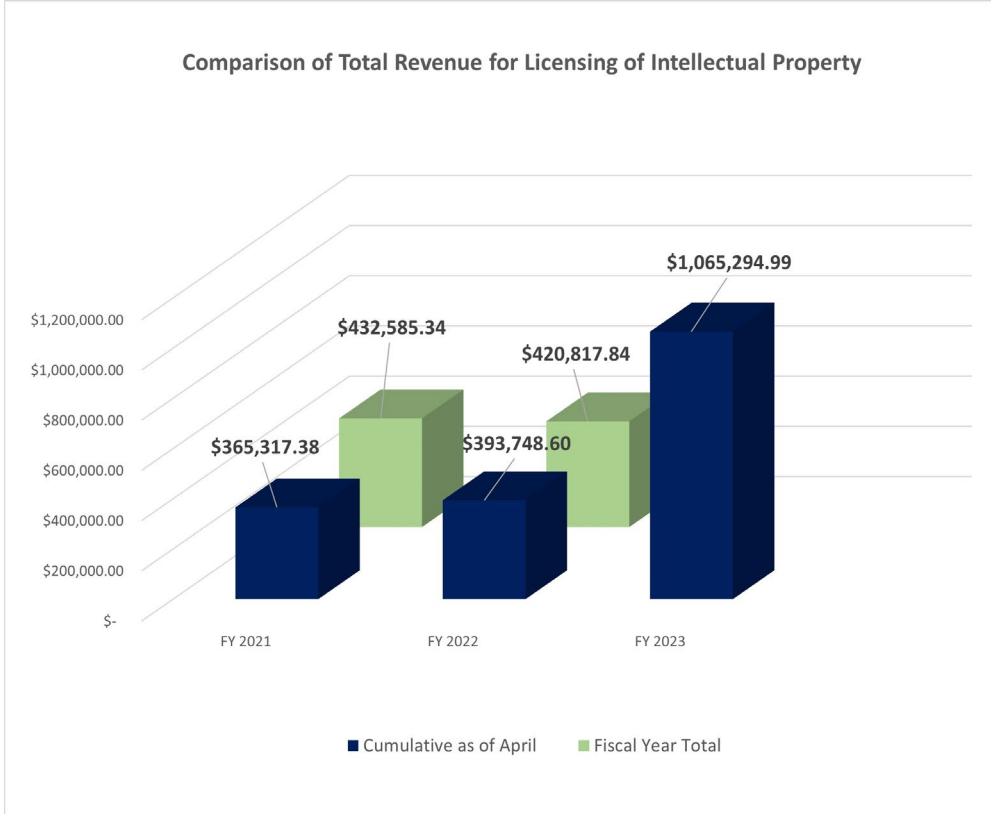
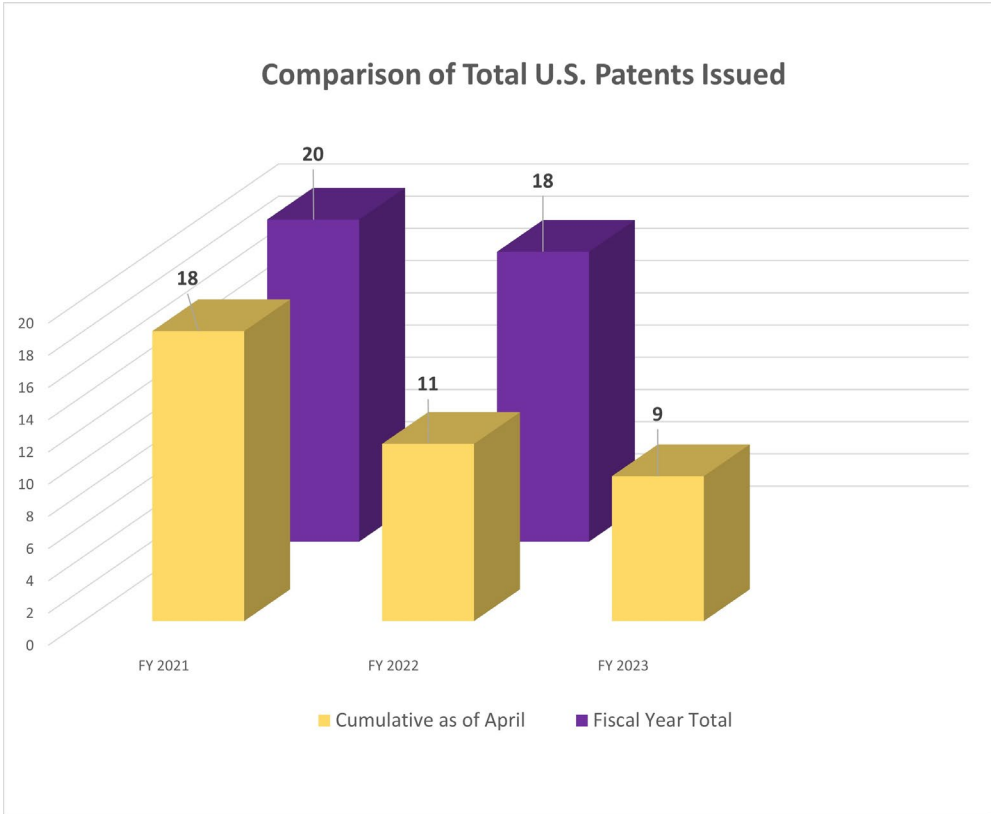




Report Footnotes: Proposal and award numbers are based off of project credit at time the report is generated.
 Expenditure numbers are based off of the cost center charged at time the report is generated.

Comparison of Invention & Patent & Revenue for past 3 years





Footnote: The monthly Combined Proposal and Award Activity report for previous years incorrectly reported patent metrics. This report and future reports include the revised totals

| <u>Principal Investigator</u> <u>Co-PI(s)</u> | <u>Type</u> | <u>Agency</u> | <u>Title</u> | <u>Amount</u> |
|--|-------------|---|--|-----------------|
| McPeak, Kevin Michael | P | National Science Foundation (NSF) | PFI-TT: A Rapid Multi-Contaminant Degradation System for | \$ 16,000.00 |
| Snow, Samuel David | C | | Water Wells | |
| Mitchell, Brant Dylan | P | Stephenson Technologies Corporation (STC) | STC-LSU IWA FY22-001-CESER | \$ 16,440.00 |
| Brum, Jennifer | P | Simons Foundation | Simons Early Career Investigator in Marine Microbial | \$ 96,000.00 |
| Hassan, Hany | P | LA Transportation Research Center (LTRC) | Safety and Traffic Operations at Cloverleaf Interchanges | \$ 59,222.00 |
| Birch, Traci | P | National Academies of Sciences, Engineering and Medicine (NA) | Coastal Speculation: Design permanence in a transforming landscape | \$ 96,741.00 |
| Allaway, Heather | P | National Aeronautics & Space Administration (NASA) | A time course of adaptations in bone morphology, ultrastructural and multi-scale material property changes in male and female bone with simulated disuse and spaceflight | \$ 150,000.00 |
| McPeak, Kevin Michael | P | US Department of Energy (DOE) | Photocatalytic Disinfection to Mitigate Greenhouse Gas Emissions in Wastewater | \$ 2,141,132.00 |
| Christie, Kofi Shomari Shakir | C | | | |
| Moe, William M | C | | | |
| Pardue, John Howard | C | | | |
| Snow, Samuel David | C | | | |
| Costello, Gina Raye | P | Internet Archive | Continuation of "...And 25 of our closest friends: The Louisiana Digital Library as Community-Focused Data" | \$ 43,445.00 |
| Duncan, Leah | C | | | |
| Stone, Megan J | P | East Baton Rouge Parish School System (EBRPSS) | Extern Agreement between LSU and East Baton Rouge Parish School System - Balaji Anjanappa | \$ 11,334.00 |
| Scott, Jennifer L | P | University of Michigan | Community Research for Organizing | \$ 2,000.00 |
| Lively, Julie Ann | P | Coastal Protection and Restoration Authority (CPRA) | COASTAL SCIENCE ASSISTANTSHIP PROGRAM (CSAP) | \$ 1,080,000.00 |
| Bethel, Matthew Byron | C | | | |
| Wang, Hao | P | National Science Foundation (NSF) | RII Track-4:NSF: Federated Analytics Systems with Fine-grained Knowledge Comprehension: Achieving Accuracy with Privacy | \$ 299,999.00 |
| Malisoff, Michael A | P | National Science Foundation (NSF) | Collaborative Research: CPS: Medium: Developing Coordinated Autonomy of Bio-inspired AUVs for Marine Life Monitoring | \$ 200,000.00 |
| Kazemian, Ali | P | National Science Foundation (NSF) | RII Track-4:NSF:Planetary Robotic Construction on the Moon and Mars Using 3D Printed Waterless Concrete | \$ 200,198.00 |
| Magana-Loaiza, Omar | P | National Institute of Standards & Technology (NIST) | Metrology for Continuous Variable Quantum Computing and Networking | \$ 25,480.00 |
| Voyiadjis, George Z | P | National Science Foundation (NSF) | CMMI-EPSRC: Crystal plasticity modelling of textured two-phase microstructures in high strength superalloy micro struts | \$ 439,995.00 |
| Meng, Xiangyu | P | National Science Foundation (NSF) | RII Track-4:NSF:Algorithm Development for Hurricane Flood Delineation in Freshwater and Coastal Regions Using Satellite Imagery and Multi-source Information | \$ 288,762.00 |
| Mukhopadhyay, Supratik | P | Federal Motor Carrier Safety Administration (FMCSA) | Understanding Driver Behavior Inside a Commercial Vehicle Using Video Analytics for High-Fidelity Crash Models | \$ 822,378.00 |
| Zhu, Yimin | C | | | |
| Mercenne, Alexis | P | National Science Foundation (NSF) | RII Track-4:NSF: Exploring the Emergent Features of Exotic Nuclear Systems with First-principle Theory of Nuclear Reactions | \$ 300,000.00 |
| Hutchinson, Cory John | P | Federal Motor Carrier Safety Administration (FMCSA) | FY 2023 FMCSA HP-CMV Grant Program | \$ 956,364.00 |
| Balasuriya, Udeni | P | Food and Drug Administration (FDA) | Vet-LIRN Network Capacity-Building Project: Bacterial Whole Genome Sequencing | \$ 375,000.00 |
| Peak, Laura | C | | | |
| Ator, Donald W Jr | P | International Fresh Produce Association | 2023 Pack Family Career Pathways Program | \$ 10,000.00 |
| Mitchell, Mark | P | Morris Animal Foundation | Determining the Pharmacokinetic Properties of Two Different Doses of Hydromorphone in Barred Owls (<i>Strix varia</i>) | \$ 5,000.00 |
| Zhang, Fan | P | LSU Pennington Biomedical Research Center (PBRC) | Signaling roles of gut microbiome on host behavior and lipid mobility | \$ 34,000.00 |

| | | | | | |
|------------------------|---|--|---|----|--------------|
| Geist, Kamile | P | National Endowment for the Arts (NEA) | The Geaux-To Music Research Lab: Creating Sustainable Music Access Through Evidence-Based Music Programming and Inquiry Impacting Health and Well-being for Children and Families in Baton Rouge, Louisiana | \$ | 149,732.00 |
| Xu, Jian | P | Soteria Medical Solutions, LLC | SafeMargin, a device that allows surgeons to quickly and accurately establish tumor margins during cancer surgery | \$ | 173,880.00 |
| Zhang, Jian | P | | | | |
| Dance, Michael | P | National Oceanic and Atmospheric Administration (NOAA) | Characterizing and reducing post-release mortality of blue marlin in pelagic longline fisheries in the Gulf of Mexico | \$ | 180,540.00 |
| Cornic, Maelle | C | | | | |
| Ikuma, Laura H | P | LA Department of Health (LDH) | Virtual Home Visits and Indoor Air Quality Monitoring to Address Asthma Disparities in Louisiana | \$ | 176,475.00 |
| Nahmens, Isabelina | C | | | | |
| Gilbert, Hunter Bryant | P | Virtual Apollo Inc. | Viability assessment of an interactive robotic buddy and data-gathering platform for users with Alzheimer's disease and other dementias | \$ | 213,023.00 |
| de Queiroz, Marcio | C | | | | |
| Nam, Hye Yeon | C | | | | |
| Webb, Andrew | C | | | | |
| Routon, Elizabeth | P | Joe Burrow Foundation | Do Good Grants from The Joe Burrow Foundation | \$ | 50,000.00 |
| Liffmann, Michael M | P | LA Office of Community Development (OCD) | Determining Outcomes of Post-Hurricanes Fisheries Investments in Louisiana | \$ | 199,952.00 |
| Schneider, Julie | P | American Speech-Language-Hearing Association (ASHA) | Using Rhyme for a Reason: A randomized-controlled trial to maximize word learning among children from low SES homes | \$ | 24,824.00 |
| Irving, Brian A | P | LSU Pennington Biomedical Research Center (PBRC) | The Role of Hepatic SLC25a25 in the Progression of NASH | \$ | 135,723.00 |
| Luttrell, Karen M | P | University of Southern California (USC) | Broadening Access to the SCEC Community Stress Model Through a Queryable Web-based Visualization Tool | \$ | 25,646.00 |
| Pullin, Jorge | P | Foundational Questions Institute (FQXi) | Loops 24 travel support | \$ | 11,500.00 |
| Marvel, Christopher | P | National Aeronautics & Space Administration (NASA) | Mechanoreduction of Lunar Regolith into Metal Powders for In-space Additive Manufacturing | \$ | 1,997,904.00 |
| Xu, Ye | C | | | | |
| Marazzato, Frederic | P | Society of Industrial and Applied Mathematics (SIAM) | Variational analysis, modeling, and computation of origami structures and metamaterials | \$ | 15,000.00 |
| Holstein, Daniel | P | Rice University | Determining the nature and impact of the ongoing disease outbreak at Flower Garden Banks National Marine Sanctuary to inform reef management | \$ | 46,000.00 |
| Voyiadjis, George Z | P | University of Southern Mississippi | Regional Geospatial Modeling | \$ | 3,019,643.00 |
| Abdalla, Ahmed | C | | | | |
| Osborne, Randy L | C | | | | |
| Ali-Gombe, Aisha | P | LA Board of Regents (BOR) | Career Acceleration in Reverse Engineering and Malware Analysis | \$ | 236,657.00 |
| Smiley, Kevin | P | Drexel University | Neighborhood Determinants of Community Disaster Resilience | \$ | 51,815.00 |
| Monroe, William Todd | P | World Precision Instruments, LLC | Optimization of an Impedance-Based Microfluidic Flow Sensor | \$ | 49,973.00 |
| Su, Yen Fang | P | National Science Foundation (NSF) | FMSG: Cyber: Toward Future Underwater Additive Manufacturing of Construction Materials Through AI-Guided Sensing and Materials Modeling | \$ | 485,166.00 |
| An, Yaxin | C | | | | |
| Leichman, Jeffrey M | P | Embassy of France | CFFS Center of Excellence 2023 Annual Agreement | \$ | 15,175.00 |
| Chen, Jianhua | P | LSU Health Sciences Center-New Orleans | A Scalable Cloud-based Platform to Enhance Reusability and Community Adoption of the Multiple Mediation Analysis (mma) Tool | \$ | 140,470.00 |
| Li, Bin | C | | | | |
| Dann, Leigh Summers | P | University of Texas at Austin (UT) | TSGC NASA Space Teams Labs Implementation in Louisiana | \$ | 48,000.00 |
| Liu, Kam-Biu | P | University of Maryland, College Park | Collaborative Research: Using models and historical data to guide effective monitoring and enhance understanding of deep ocean oxygen variability | \$ | 9,375.00 |
| Burns, Eric | P | Space Telescope Science Institute (STScI) | The late time spectrum of a kilonova in the exceptionally bright GRB 230307A | \$ | 46,560.00 |
| Richard, Golden G III | P | National Institute of Justice (NIJ) | ROVER: Rapid Organization and Visualization for Evidence Recovery in Digital Forensics | \$ | 945,900.00 |
| Webb, Andrew | C | | | | |
| Holstein, Daniel | P | Texas State University | Tracking Bacterial, Viral, and Gene Expression Shifts throughout SCTL Development in the Dry Tortugas | \$ | 49,765.00 |
| Rizzuto, Tracey Ellen | P | LA Department of Children and Family Services (DCFS) | LSU SLHRD and DCFS Externships 2023-2024 | \$ | 137,540.00 |

| | | | | | |
|-------------------------------|---|---|--|----|--------------|
| Khonsari, Michael M | P | Auburn University (AU) | A coupled thermo-mechanical computational/experimental approach for rapid quantification of fatigue damage in composite marine structures | \$ | 308,055.00 |
| Lively, Julie Ann | P | University of Florida (UF) | Return 'Em Right: Expanding a program to sustain Gulf of Mexico Reef Fisheries through barotrauma reduction using fish descending devices | \$ | 39,976.00 |
| Seibert, Dominique | C | | | | |
| Murray, Gwendolyn | P | Jefferson Parish Public School System | Jefferson Parish Schools AWARE | \$ | 1,250,000.00 |
| Clark, Kelly | C | | | | |
| Hill, Ryan Michael | C | | | | |
| Long, Anna C | C | | | | |
| Rhodes, Judith | C | | | | |
| Krause, John Jason | P | Coalescion | Golden Triangle Interdiction Course Support | \$ | 72,116.00 |
| Xu, Ye | P | US Department of Energy (DOE) | Enabling formate-based hydrogen storage and generation via multimetallic alloy catalysts | \$ | 985,314.00 |
| Ding, Kunlun | C | | | | |
| McPeak, Kevin Michael | C | | | | |
| Shelton, William Allison Jr | C | | | | |
| Upton, Gregory Brian Jr | P | Oregon State University (OSU) | Re-imagining Ocean Renewable Energy (RORE) Center - Re-conceptualizing energy systems in the ocean for a more equitable, environmentally aware and climate responsive futures. | \$ | 550,001.00 |
| Heidelberg, Roy Lester | P | LSU Health Sciences Center-New Orleans | LSUHSC - The Effects of Colorectal Cancer Diagnosis | \$ | 74,796.00 |
| Christie, Kofi Shomari Shakir | P | Vanderbilt University | Global Centers Track 1: Center for Saline water Engineering for Carbon Utilization and Resource Extraction (SECURE) | \$ | 450,000.00 |
| Kaiser, Carola | P | Mississippi State University (Miss State) | Enhancements to NOS Storm Surge Model Forecast Guidance Display Tools for Disaster Preparedness, Continuity of Operations, and Coastal Resilience | \$ | 180,064.00 |
| Twilley, Robert R | P | Coastal Protection and Restoration Authority (CPRA) | ANNUAL IMPLEMENTATION AND MAINTENANCE OF ASGS/CERA/HSP - 2023/2024 | \$ | 166,621.00 |
| Wilks, Scott E | P | National Collegiate Athletic Association (NCAA) | NCAA Graduate Student Research Grant Program 2023-2024 | \$ | 7,500.00 |
| Shute, Lauren | C | | | | |
| Khonsari, Michael M | P | Trane Technologies | Investigation of Fatigue Fracture Entropy (FFE) for 767 polymer composites | \$ | 49,999.00 |
| Baggili, Ibrahim | P | Rochester Institute of Technology | NCAE Cybersecurity Coalition for Transitioning Military Students | \$ | 174,950.00 |
| Burns, A | C | | | | |
| Franzen, Sarah | P | Louisiana State University Agricultural Center | Building capacity and supporting historically under-served farmers in Louisiana, nudging them to access NRCS programs | \$ | 213,829.00 |

\$ 20,828,949.00

Awards Budgeted by SPA

April 2023

| Award ID | Principal Investigator Co-PI(s) | Type | Award Name | Agency | New | Continuing | Total |
|------------|--|---|---|--|--------------|-----------------|-----------------|
| AWD-002018 | Francis, Joseph | P | LSUAM Biomedical Research Experience for Veterinary Students | NIH-Office of the Director | \$ - | \$ 68,459.00 | \$ 68,459.00 |
| AWD-002255 | Lipton, Robert P | P | LSUAM Predicting and Controlling the Response of Particulate Systems through Grain-Scale Engineering | California Institute of Technology - Caltech | \$ - | \$ 52,875.00 | \$ 52,875.00 |
| AWD-002611 | Kutter, Thomas J | P | LSUAM ProtoDUNE II Mechanical Mock-Up and Field Cage Endwalls | Fermi National Accelerator Laboratory | \$ 53,194.00 | \$ - | \$ 53,194.00 |
| AWD-002731 | Cherry, Michael L Kawakubo, Yuta Wefel, John P Guzik, T Gregory | C C C P | LSUAM CALET: Extended Mission and Flight Data Analysis | NASA-Goddard Space Flight Center 03 | \$ - | \$ 370,000.00 | \$ 370,000.00 |
| AWD-002931 | Kaiser, Hartmut | P | LSUAM Integration of the HPX programming model into the FLECSI framework | Los Alamos National Laboratory | \$ - | \$ 200,147.00 | \$ 200,147.00 |
| AWD-003051 | Johannsen, Neil Hondzinski, Jan M | C P | LSUAM Study in Parkinson Disease of Exercise Phase 3 Clinical Trial: SPARX3 | Northwestern University | \$ - | \$ 21,760.00 | \$ 21,760.00 |
| AWD-003459 | Lively, Julie Ann | P | LSUAM Better Bycatch Reduction Devices for the Gulf of Mexico Commercial Shrimp Trawl Fishery: Sea Grant's Role | US Department of Commerce | \$ - | \$ 430,806.00 | \$ 430,806.00 |
| AWD-003645 | Dugas, Tammy Renee Gines Zarza, Jose Alberto Kousoulas, Konstantin G Lopez, Mandi J Yao, Shaomian Francis, Joseph Johnston, Andrea Kousoulas, Konstantin G Withers, Sita | C C C C C P P P P | LSUAM Center for Pre-Clinical Cancer Research | NIH-National Institute of General Medical Sciences (NIGMS) | \$ - | \$ 2,144,024.00 | \$ 2,144,024.00 |
| AWD-003922 | Mitchell, Brant Dylan | P | LSUAM STC-LSU IWA FY22-001-CESER | Stephenson Technologies Corporation (STC) 02 | \$ 16,440.00 | \$ - | \$ 16,440.00 |
| AWD-004162 | He, Songjie Maiti, Kanchan | C P | LSUAM Influence of salt marsh porewater chemistry on coastal carbon cycling | US Department of Interior-USGS 03 | \$ - | \$ 12,000.00 | \$ 12,000.00 |
| AWD-004304 | Murphy, Michael C | P | LSUAM Biotechnology Resource Center for BioModular Multi-scale Systems (CBM2) for Precision Medicine | University of Kansas Center for Research, Inc. 01 | \$ - | \$ 26,870.00 | \$ 26,870.00 |
| AWD-004330 | Stanfield, Brent Kousoulas, Konstantin G | C P | LSUAM National IDeA Symposium of Biomedical Research Experience - NISBRE | NIH-National Institute of General Medical Sciences (NIGMS) | \$ - | \$ 65,286.00 | \$ 65,286.00 |
| AWD-004539 | Rivas, Fatima | P | LSUAM Validating the mode of action of ergosterol peroxide as a selective breast cancer inhibitor | Universidad Central Del Caribe | \$ - | \$ 42,895.00 | \$ 42,895.00 |
| AWD-004661 | Hassan, Hany | P | LSUAM Safety and Traffic Operations at Cloverleaf Interchanges | LA Transportation Research Center (LTRC) | \$ 59,223.00 | \$ - | \$ 59,223.00 |
| AWD-004919 | Tzanov, Martin Mihaylov | P | LSUAM Research in Neutrino Physics | US Department of Energy (DOE) | \$ - | \$ 70,000.00 | \$ 70,000.00 |
| AWD-004959 | Maas, Andrew J Greenwood, Bryan L | C P | LSUAM Small Business Development Centers - Program Year 2023 | US Small Business Association 05 | \$ 26,246.00 | \$ 1,413,286.00 | \$ 1,439,532.00 |

| | | | | | | | | |
|------------|---|------------------|--|---|---------------|------|------|---------------|
| AWD-005038 | Gupta, Ipsita Snyder, Brian F Maiti, Kanchan Upton, Gregory Brian Jr | C C P P | LSUAM Estimating Future Oilfield Site Restoration Costs and Methane Emissions from Orphaned and Idle Wells in Louisiana | LA Department of Natural Resources 11 | \$ - | \$ - | \$ - | \$ - |
| AWD-005089 | Gartia, Manas Ranjan | P | LSUAM Climate Resilient Innovations for Sustainable Production of RICE (CRISP-RICE) - Gartia | LSU Ag Center 05 | \$ 305,000.00 | \$ - | \$ - | \$ 305,000.00 |
| AWD-005090 | Mukhopadhyay, Supratik | P | LSUAM Climate Resilient Innovations for Sustainable Production of RICE (CRISP-RICE) - Mukhopadhyay | LSU Ag Center 05 | \$ 304,940.00 | \$ - | \$ - | \$ 304,940.00 |
| AWD-005127 | Cassidy, Jane W Rizzuto, Tracey Ellen | C P | LSUAM External Review Letters in Promotion and Tenure Decision Making: Validity and Fairness (SLOAN) | University of Houston 03 | \$ 30,018.00 | \$ - | \$ - | \$ 30,018.00 |
| AWD-005129 | Lopez, Mandi J | P | LSUAM Stem Cell Neotissue Implants for Equine Tendon Healing | Grayson-Jockey Club Research Foundation, Inc. | \$ 98,890.00 | \$ - | \$ - | \$ 98,890.00 |
| AWD-005130 | Kelly, Tosha | P | LSUAM Operation Brainstorm: Developing Molecular Biomarkers to Detect the Pathology of Cerebral Malaria in Wild Birds | American Philosophical Society | \$ 6,000.00 | \$ - | \$ - | \$ 6,000.00 |
| AWD-005132 | Mariotti, Giulio Hiatt, Matthew | C P | LSUAM Monitoring waves, currents, and suspended sediment transport in coastal Louisiana | Coastal Protection & Restoration Authority (CPRA) 12 | \$ 272,558.00 | \$ - | \$ - | \$ 272,558.00 |
| AWD-005133 | White, John R | P | LSUAM Soils and Biomass Analyses | Coastal Protection & Restoration Authority (CPRA) 12 | \$ 3,308.00 | \$ - | \$ - | \$ 3,308.00 |
| AWD-005134 | Joharikhatoonabad, Karim | P | LSUAM Prefrontal Cortex, Cognition, and Speech Symptoms in PD (PRECIS-PD) | University of Iowa 01 | \$ 25,434.00 | \$ - | \$ - | \$ 25,434.00 |
| AWD-005135 | Mariotti, Giulio | P | LSUAM Developing a Framework for Assessing the Benefits and Feasibility of Thin Layer Placement in South Carolina | South Carolina Sea Grant Consortium (SCSGC) | \$ 225,441.00 | \$ - | \$ - | \$ 225,441.00 |
| AWD-005136 | Holstein, Daniel | P | LSUAM Task 9: Coral Larval Vertical Buoyancy/Behavior Throughout Dispersal | Nova Southeastern University (NSU) 02 | \$ 74,023.00 | \$ - | \$ - | \$ 74,023.00 |
| AWD-005137 | Terrell, Milton D | P | LSUAM 2023 Labor Participation Study | LA Workforce Commission (LWC) 10 | \$ 38,100.00 | \$ - | \$ - | \$ 38,100.00 |
| AWD-005142 | Burns, Eric | P | LSUAM Heavy element formation in the brightest gamma-ray burst of all time | Space Telescope Science Institute (STScI) | \$ 19,993.00 | \$ - | \$ - | \$ 19,993.00 |
| AWD-005145 | Bethel, Matthew Byron | P | LSUAM JMartinez_2023 DEAN JOHN A. KNAUSS MARINE POLICY FELLOWSHIP | US Department of Commerce | \$ 86,500.00 | \$ - | \$ - | \$ 86,500.00 |
| AWD-005146 | Elseifi, Mostafa A | P | LSUAM Economic, Environmental, and Social Characteristics of E-Scooters on LSU Campus | US Department of Transportation-Office of the Assistant Secretary for Research and Technology (OST-R) | \$ 50,000.00 | \$ - | \$ - | \$ 50,000.00 |
| AWD-005147 | Elseifi, Mostafa A | P | LSUAM IM CS Economic, Environmental, and Social Characteristics of E-Scooters on LSU Campus - Skinny Labs Inc (Spin) | Skinny Labs Inc (dba: Spin) | \$ 50,000.00 | \$ - | \$ - | \$ 50,000.00 |
| AWD-005151 | Rouse, Lawrence J Jr | P | LSUAM CWPPRA Academic Assistance - PPL 33 | LUMCON 03 | \$ 22,000.00 | \$ - | \$ - | \$ 22,000.00 |

| | | | | | | | | | | |
|--------------------|--|-------------|---|---|----|------------------|----|------------------|----|------------------|
| AWD-005152 | Oetting, Janna B | P | LSUAM Testing the Efficiency and Predictive Validity of an Alternative Screener for Head Start Medicaid Recipients | LA Dept of Health & Hospitals-Bureau of Healthcare Financing (Medicaid) | \$ | 13,134.00 | \$ | - | \$ | 13,134.00 |
| AWD-005153 | Swenson, Erick M | P | LSUAM CWPPRA-PPL33 Academic Advisory Group Acting Chair | LUMCON 03 | \$ | 55,000.00 | \$ | - | \$ | 55,000.00 |
| AWD-005154 | Armbrust, Kevin Lawrence | P | LSUAM Incorporating Raw Signal Processing and Machine-Learning Techniques for Chemical Fate and Transport Investigations, Chemical Threat Detection and Environmental Forensics | University of Iowa 01 | \$ | 74,690.00 | \$ | - | \$ | 74,690.00 |
| AWD-005157 | Sinclair, Hillary Colleen | P | LSUAM MSU Open Source Exploitation System - Year 4 | Mississippi State University 03 | \$ | 53,000.00 | \$ | - | \$ | 53,000.00 |
| AWD-005160 | Guo, Shengmin | P | LSUAM Fabrication Tools for Additive Friction Stir Deposition (AFSD) Manufacturing | LSU Board of Supervisors | \$ | 47,500.00 | \$ | - | \$ | 47,500.00 |
| AWD-005161 | Monroe, William Todd Totaro, Nicholas Patrick | C P | LSUAM Proof-of-Concept for Smart Sense Application Development | LSU Board of Supervisors | \$ | 75,000.00 | \$ | - | \$ | 75,000.00 |
| AWD-005162 | Duncan, Leah Costello, Gina Raye | C P | LSUAM Continuation of "...And 25 of our closest friends: The Louisiana Digital Library as Community-Focused Data | Internet Archive | \$ | 43,446.00 | \$ | - | \$ | 43,446.00 |
| AWD-005164 | Maccio, Elaine | P | LSUAM East Baton Rouge (EBR) Better Futures Project | LA Dept of Health & Hospitals-Office of Behavioral Health 11 | \$ | 221,910.00 | \$ | - | \$ | 221,910.00 |
| AWDC-000682 | Waltrich, Paulo Williams, Wesley C Thompson, Karsten E | C C P | LSUAM Valve Performance Clearinghouse (VPC) Consortium | Valve Performance Clearing (VPC) Consortium | \$ | - | \$ | 90,000.00 | \$ | 90,000.00 |
| Grand Total | | | | | \$ | 2,350,988 | \$ | 5,008,408 | \$ | 7,359,396 |

Comparison of Proposal Data for past 3 years

April 2023

| Colleges | Cumulative as of April 2021 | | Cumulative as of April 2022 | | Cumulative as of April 2023 | |
|---|-----------------------------|--------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------|
| | Proposals Submitted | Funds Requested | Proposals Submitted | Funds Requested | Proposals Submitted | Funds Requested |
| Academic Affairs | 3.32 | \$ 155,486.78 | 12.15 | \$ 6,315,296.33 | 15.60 | \$ 770,000 |
| Administrative | 0.00 | \$ - | 0.10 | \$ 643,393.50 | 2.50 | \$ 385,000 |
| Athletics | 2.00 | \$ 140,000.00 | 1.00 | \$ 9,999.00 | 0.00 | \$ - |
| Center for Computation and Technology | 5.30 | \$ 1,100,226.81 | 0.50 | \$ 247,928.00 | 0.84 | \$ 337,986 |
| Center for Energy Studies | 3.70 | \$ 1,022,958.77 | 5.03 | \$ 1,126,255.86 | 7.64 | \$ 3,861,485 |
| Centers and Institutes | 14.52 | \$ 2,908,543.61 | 7.30 | \$ 1,791,022.17 | 7.42 | \$ 1,718,217 |
| College of Agriculture | 15.46 | \$ 1,962,554.68 | 9.46 | \$ 2,358,176.35 | 13.14 | \$ 1,692,926 |
| College of Art and Design | 6.82 | \$ 2,949,269.17 | 10.21 | \$ 2,485,657.06 | 10.61 | \$ 1,471,657 |
| College of Business | 18.20 | \$ 4,157,484.18 | 11.87 | \$ 2,424,763.38 | 11.90 | \$ 3,302,191 |
| College of Engineering | 306.95 | \$ 172,603,065.70 | 260.45 | \$ 76,689,111.85 | 240.07 | \$ 117,052,753 |
| College of Human Sciences and Education | 63.78 | \$ 19,266,679.59 | 67.55 | \$ 36,831,093.43 | 64.63 | \$ 23,594,904 |
| College of Humanities and Social Sciences | 80.75 | \$ 17,499,594.74 | 83.67 | \$ 21,883,861.27 | 80.32 | \$ 26,443,646 |
| College of Music and Dramatic Arts | 6.50 | \$ 741,128.80 | 8.50 | \$ 306,211.16 | 9.75 | \$ 1,563,794 |
| College of Science | 232.43 | \$ 89,347,267.41 | 250.94 | \$ 95,324,240.99 | 228.89 | \$ 96,134,939 |
| College of the Coast and Environment | 107.16 | \$ 33,991,267.62 | 87.92 | \$ 40,252,269.27 | 94.61 | \$ 42,455,454 |
| Continuing Education | 5.00 | \$ 1,031,531.94 | 1.00 | \$ 449,999.55 | 4.00 | \$ 1,214,520 |
| Graduate School | 4.65 | \$ 485,777.75 | 4.71 | \$ 8,981,559.16 | 5.55 | \$ 1,908,778 |
| Honors College | 0.00 | \$ - | 1.00 | \$ 5,000.00 | 0.00 | \$ - |
| Information Technology Services | 1.00 | \$ 2,054,591.00 | 2.50 | \$ 1,546,473.00 | 2.00 | \$ 2,081,143 |
| Libraries | 1.30 | \$ 3,100.00 | 2.00 | \$ 75,445.00 | 1.20 | \$ 143,108 |
| Louisiana Sea Grant | 27.80 | \$ 10,384,506.34 | 31.37 | \$ 4,596,876.96 | 30.16 | \$ 9,961,395 |
| LSU Online | 0.00 | \$ - | 0.00 | \$ - | 0.00 | \$ - |
| Paul M. Hebert Law Center | 2.00 | \$ 809,597.70 | 1.00 | \$ 526,803.60 | 1.10 | \$ 266,887 |
| School of Mass Communication | 8.45 | \$ 567,455.39 | 5.75 | \$ 1,170,280.00 | 6.75 | \$ 5,011,965 |
| School of Veterinary Medicine | 106.80 | \$ 53,638,208.24 | 86.05 | \$ 57,475,006.25 | 82.57 | \$ 77,808,924 |
| SNCSRT | 34.95 | \$ 15,477,260.58 | 39.65 | \$ 34,851,594.03 | 42.15 | \$ 40,056,005 |
| University College | 3.00 | \$ 331,407.00 | 2.00 | \$ 647,833.84 | 1.00 | \$ 401,131 |
| VP Research and Economic Development | 4.17 | \$ 1,254,166.15 | 14.30 | \$ 6,031,548.30 | 17.60 | \$ 20,428,375 |
| Total as of April | 1066.00 | \$ 433,883,129.95 | 1008.00 | \$ 405,047,699.31 | 982.00 | \$ 480,067,184.01 |
| Total of Fiscal Year | 1296.00 | \$512,193,123 | 1188.00 | \$ 471,422,362.00 | -- | -- |

Comparison of Award Data for past 3 years

April 2023

| College | Cumulative as of April 2021 | | | Cumulative as of April 2022 | | | Cumulative as of April 2023 | | |
|---|-----------------------------|-------------------------|--------------------------|-----------------------------|-------------------------|--------------------------|-----------------------------|-------------------------|--------------------------|
| | Apr - New (2021) | Apr - Continuing (2021) | Apr - Total (2021) | Apr - New (2022) | Apr - Continuing (2022) | Apr - Total (2022) | Apr - New (2023) | Apr - Continuing (2023) | Apr - Total (2023) |
| | Academic Affairs | \$ 169,277.00 | \$ 145,810.00 | \$ 315,087.00 | \$ 1,735,483.00 | \$ 170,590.00 | \$ 1,906,073.00 | \$ 1,396,874.00 | \$ 162,996.00 |
| Administrative | \$ 118,229.00 | \$ - | \$ 118,229.00 | \$ - | \$ - | \$ - | \$ 10,000.00 | \$ - | \$ 10,000.00 |
| Athletics | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 9,999.00 | \$ - | \$ 9,999.00 |
| Center for Computation and Technology | \$ 432,133.00 | \$ 74,229.00 | \$ 506,362.00 | \$ 99,968.00 | \$ - | \$ 99,968.00 | \$ - | \$ 99,968.00 | \$ 99,968.00 |
| Center for Energy Studies | \$ 93,062.00 | \$ - | \$ 93,062.00 | \$ 187,471.00 | \$ 163,763.00 | \$ 351,234.00 | \$ 683,354.00 | \$ - | \$ 683,354.00 |
| Centers and Institutes | \$ 1,338,723.00 | \$ (2,000.00) | \$ 1,336,723.00 | \$ 782,381.00 | \$ 37,997.00 | \$ 820,378.00 | \$ 369,758.00 | \$ 4,222.00 | \$ 373,980.00 |
| College of Agriculture | \$ 279,580.00 | \$ 35,262.00 | \$ 314,842.00 | \$ 156,754.00 | \$ 30,000.00 | \$ 186,754.00 | \$ 216,124.00 | \$ - | \$ 216,124.00 |
| College of Art and Design | \$ 108,137.00 | \$ (5,600.00) | \$ 102,537.00 | \$ 292,224.00 | \$ - | \$ 292,224.00 | \$ 231,211.00 | \$ 200,000.00 | \$ 431,211.00 |
| College of Business | \$ 2,246,892.00 | \$ 3,727,750.00 | \$ 5,974,642.00 | \$ 1,631,738.00 | \$ 3,853,645.00 | \$ 5,485,383.00 | \$ 1,384,242.00 | \$ 4,087,769.00 | \$ 5,472,011.00 |
| College of Engineering | \$ 18,809,392.00 | \$ 2,959,870.00 | \$ 21,769,262.00 | \$ 33,416,016.00 | \$ 7,451,075.00 | \$ 40,867,091.00 | \$ 17,564,672.00 | \$ 9,123,933.00 | \$ 26,688,605.00 |
| College of Human Sciences and Education | \$ 3,890,951.00 | \$ 2,104,809.00 | \$ 5,995,760.00 | \$ 3,810,661.00 | \$ 1,431,898.00 | \$ 5,242,559.00 | \$ 7,306,542.00 | \$ 2,873,018.00 | \$ 10,179,560.00 |
| College of Humanities and Social Sciences | \$ 1,722,480.00 | \$ 1,202,846.00 | \$ 2,925,326.00 | \$ 1,696,985.00 | \$ 829,147.00 | \$ 2,526,132.00 | \$ 3,275,656.00 | \$ 1,129,751.00 | \$ 4,405,407.00 |
| College of Music and Dramatic Arts | \$ 36,889.00 | \$ - | \$ 36,889.00 | \$ 136,250.00 | \$ - | \$ 136,250.00 | \$ 89,576.00 | \$ 25,000.00 | \$ 114,576.00 |
| College of Science | \$ 19,137,746.00 | \$ 9,929,324.00 | \$ 29,067,070.00 | \$ 12,774,575.00 | \$ 7,354,332.00 | \$ 20,128,907.00 | \$ 16,648,489.00 | \$ 11,193,688.00 | \$ 27,842,177.00 |
| College of the Coast and Environment | \$ 5,539,585.00 | \$ 1,349,641.00 | \$ 6,889,226.00 | \$ 7,501,466.00 | \$ 2,562,732.00 | \$ 10,064,198.00 | \$ 7,720,714.00 | \$ 2,318,300.00 | \$ 10,039,014.00 |
| Continuing Education | \$ 70,000.00 | \$ 299,999.00 | \$ 369,999.00 | \$ 925,231.00 | \$ - | \$ 925,231.00 | \$ 214,457.00 | \$ 150,000.00 | \$ 364,457.00 |
| Graduate School | \$ 261,000.00 | \$ 1,045,784.00 | \$ 1,306,784.00 | \$ 1,026,837.00 | \$ 514,485.00 | \$ 1,541,322.00 | \$ 453,423.00 | \$ 744,101.00 | \$ 1,197,524.00 |
| Honors College | | | \$ - | \$ 5,000.00 | \$ - | \$ 5,000.00 | \$ - | \$ - | \$ - |
| Information Technology Services | \$ 2,253,971.00 | \$ - | \$ 2,253,971.00 | \$ - | \$ 1,166,374.00 | \$ 1,166,374.00 | \$ - | \$ 1,184,544.00 | \$ 1,184,544.00 |
| Libraries | \$ - | \$ - | \$ - | \$ 34,300.00 | \$ - | \$ 34,300.00 | \$ 80,246.00 | \$ - | \$ 80,246.00 |
| Louisiana Sea Grant | \$ 1,605,922.00 | \$ 1,265,074.00 | \$ 2,870,996.00 | \$ 712,368.00 | \$ 118,885.00 | \$ 831,253.00 | \$ 1,322,660.00 | \$ 667,953.00 | \$ 1,990,613.00 |
| LSU Online | \$ - | \$ 700,000.00 | \$ 700,000.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Paul M. Hebert Law Center | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 550,000.00 | \$ - | \$ 550,000.00 |
| School of Mass Communication | \$ 208,774.00 | \$ 181,900.00 | \$ 390,674.00 | \$ 68,798.00 | \$ 197,835.00 | \$ 266,633.00 | \$ 424,397.00 | \$ 287,091.00 | \$ 711,488.00 |
| School of Veterinary Medicine | \$ 7,044,422.00 | \$ 2,538,011.00 | \$ 9,582,433.00 | \$ 5,044,664.00 | \$ 3,293,439.00 | \$ 8,338,103.00 | \$ 4,745,447.00 | \$ 6,910,472.00 | \$ 11,655,919.00 |
| SNCST | \$ 34,099,829.00 | \$ 2,697,000.00 | \$ 36,796,829.00 | \$ 31,470,807.00 | \$ 1,894,883.00 | \$ 33,365,690.00 | \$ 33,688,956.00 | \$ 1,804,522.00 | \$ 35,493,478.00 |
| University College | \$ 401,131.00 | \$ 326,407.00 | \$ 727,538.00 | \$ 5,000.00 | \$ 722,538.00 | \$ 727,538.00 | \$ 321,406.00 | \$ 401,131.00 | \$ 722,537.00 |
| VP Research and Economic Development | \$ 1,120,000.00 | \$ 41,999.00 | \$ 1,161,999.00 | \$ 1,039,947.00 | \$ 30,000.00 | \$ 1,069,947.00 | \$ 2,296,094.00 | \$ 2,278,638.00 | \$ 4,574,732.00 |
| Total Count of April | 406 | 217 | 623 | 485 | 187 | 672 | 429 | 196 | 625 |
| Total Amount of Fiscal Year | \$ 100,988,125.00 | \$ 30,618,115.00 | \$ 131,606,240.00 | \$ 104,554,924.00 | \$ 31,823,618.00 | \$ 136,378,542.00 | \$ 101,004,297.00 | \$ 45,647,097.00 | \$ 146,651,394.00 |
| Total of Fiscal Year | | \$166,143,557.00 | | | \$180,190,684.00 | | | -- | |

Comparison of Expenditure Data for past 3 years

April 2023

| First Level Cost Center Hierarchy | Apr-2021 | FY 2021 | Apr-2022 | FY 2022 | Apr-2023 |
|---|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Academic Affairs | \$ 466,234 | \$ 606,467 | \$ 865,805 | \$ 1,158,072 | \$ 1,259,039 |
| Administrative | \$ 5,134 | \$ 13,883 | \$ 22,898 | \$ 22,042 | \$ 44,012 |
| Athletics | \$ - | \$ - | \$ - | \$ - | \$ 9,999 |
| Center for Computation and Technology | \$ 1,436,201 | \$ 1,739,488 | \$ 920,877 | \$ 1,300,538 | \$ 743,206 |
| Center for Energy Studies | \$ 121,451 | \$ 174,234 | \$ 142,118 | \$ 168,623 | \$ 246,608 |
| Centers and Institutes | \$ 3,700,132 | \$ 3,803,480 | \$ 809,688 | \$ 845,582 | \$ 7,279,167 |
| College of Agriculture | \$ 182,672 | \$ 306,764 | \$ 131,386 | \$ 149,744 | \$ 106,836 |
| College of Art and Design | \$ 33,237 | \$ 66,538 | \$ 495,913 | \$ 524,934 | \$ 186,168 |
| College of Business | \$ 3,509,183 | \$ 4,480,394 | \$ 4,279,765 | \$ 5,389,532 | \$ 4,998,167 |
| College of Engineering | \$ 18,495,123 | \$ 23,349,317 | \$ 18,392,546 | \$ 24,128,381 | \$ 22,602,552 |
| College of Human Sciences and Education | \$ 2,824,442 | \$ 3,987,884 | \$ 4,963,186 | \$ 6,144,034 | \$ 6,307,742 |
| College of Humanities and Social Sciences | \$ 1,905,735 | \$ 2,554,719 | \$ 2,227,491 | \$ 2,963,950 | \$ 2,917,094 |
| College of Music and Dramatic Arts | \$ 22,427 | \$ 56,435 | \$ 17,545 | \$ 45,370 | \$ 113,343 |
| College of Science | \$ 19,302,428 | \$ 25,448,123 | \$ 18,274,687 | \$ 24,623,107 | \$ 20,061,881 |
| College of the Coast and Environment | \$ 4,218,894 | \$ 6,088,136 | \$ 6,343,265 | \$ 8,688,676 | \$ 8,608,945 |
| Continuing Education | \$ 951,514 | \$ 1,062,654 | \$ 508,085 | \$ 748,224 | \$ 259,052 |
| Graduate School | \$ 1,227,455 | \$ 1,657,525 | \$ 1,254,967 | \$ 1,614,813 | \$ 782,579 |
| Honors College | \$ - | \$ - | \$ 1,139 | \$ 2,208 | \$ - |
| Information Technology Services | \$ 1,849,759 | \$ 2,408,829 | \$ 854,968 | \$ 1,023,110 | \$ 1,129,798 |
| LSU Online | \$ 729,211 | \$ 1,121,726 | \$ 1,030,469 | \$ 1,030,469 | \$ - |
| Libraries | \$ 4,131 | \$ 4,131 | \$ 17,138 | \$ 18,298 | \$ 58,784 |
| Louisiana Sea Grant | \$ 2,595,186 | \$ 3,189,940 | \$ 3,008,243 | \$ 3,867,645 | \$ 3,602,773 |
| Paul M. Hebert Law Center | \$ - | \$ - | \$ 159,809 | \$ 237,865 | \$ 179,146 |
| SNCST | \$ 17,689,312 | \$ 23,700,298 | \$ 22,888,247 | \$ 28,960,729 | \$ 29,982,089 |
| School of Mass Communication | \$ 480,726 | \$ 662,655 | \$ 252,396 | \$ 254,988 | \$ 319,335 |
| School of Veterinary Medicine | \$ 10,951,308 | \$ 13,494,561 | \$ 10,966,792 | \$ 13,768,955 | \$ 13,409,201 |
| University College | \$ 554,221 | \$ 683,463 | \$ 577,215 | \$ 714,781 | \$ 556,577 |
| VP Research and Economic Development | \$ 108,104 | \$ 601,146 | \$ 730,024 | \$ 1,248,626 | \$ 6,850,458 |
| Total | \$ 93,364,218 | \$ 121,262,786 | \$ 100,136,663 | \$ 129,643,297 | \$ 132,614,550 |

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