



# Combined Proposal and Award Activity Report

Prepared by Office of Sponsored Programs  
& Sponsored Program Accounting

July 2020

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

Proposals Submitted by OSP: p. 6-8

Awards Budgeted by SPA: p. 9-13

Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 14-16

## SUMMARY

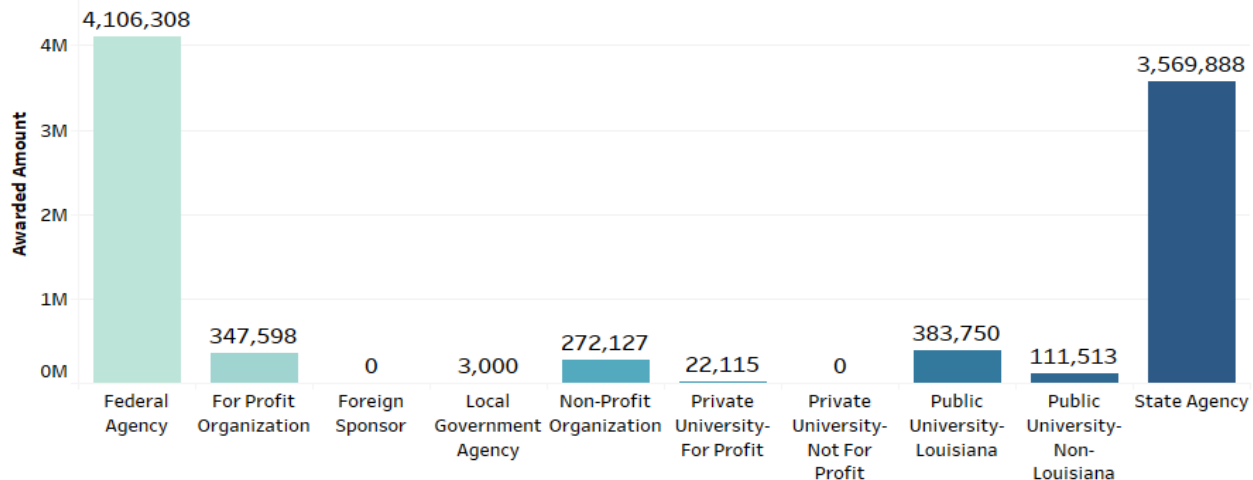
July 1, 2020 through July 31, 2020

### July 2020

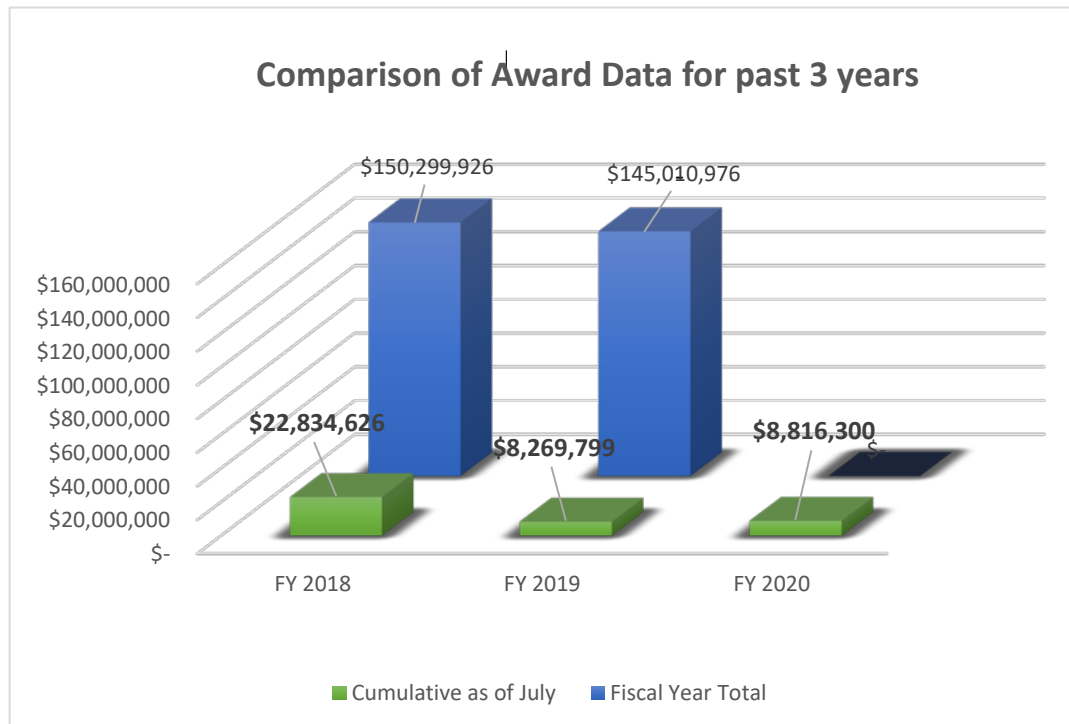
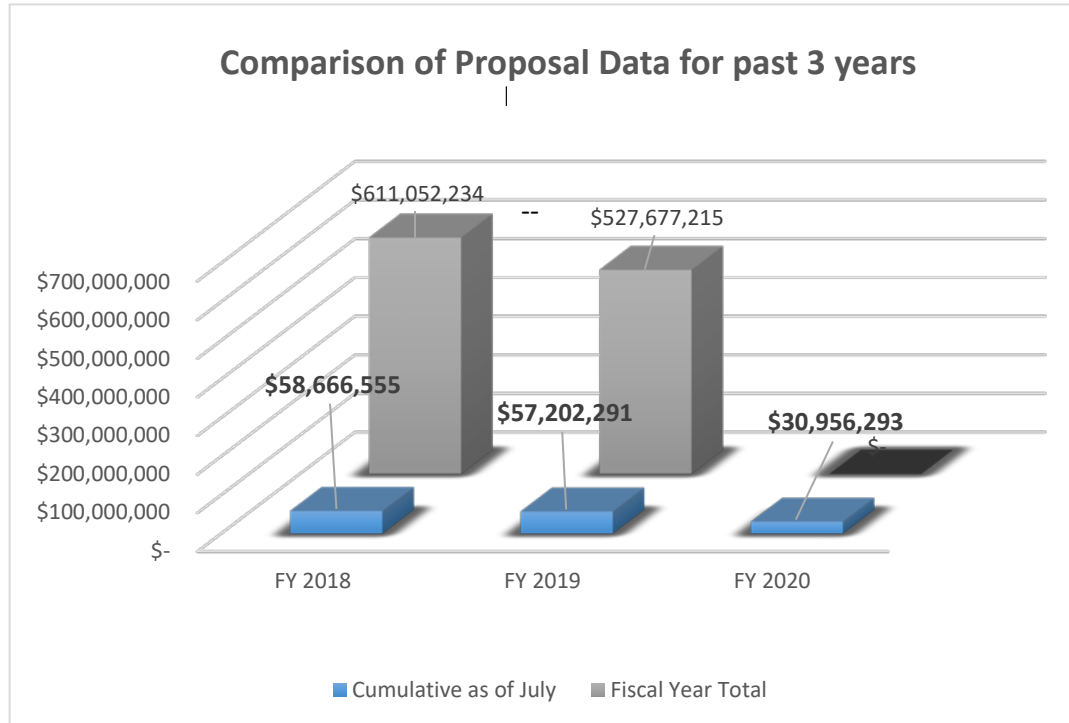
Proposals Submitted by OSP	77	\$	30,956,293
Awards Budgeted by SPA	67	\$	8,816,299
Expenditures	--	\$	8,479,385

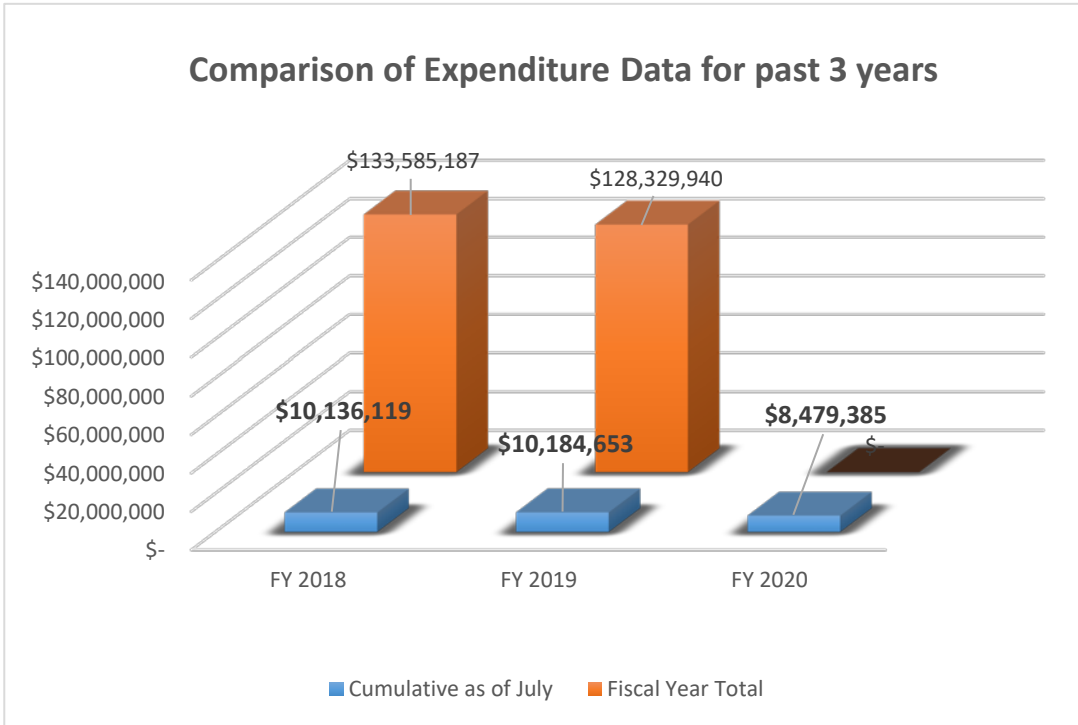
### Awards by Sponsor July 2020

Sponsor Type	Number of Awards	Awarded Amount
Federal Agency	15	\$ 4,106,308
For Profit Organization	4	\$ 347,598
Foreign Sponsor	0	\$ -
Local Government Agency	1	\$ 3,000
Non-Profit Organization	10	\$ 272,127
Private University-For Profit	1	\$ 22,115
Private University-Not For Profit	0	\$ -
Public University-Louisiana	3	\$ 383,750
Public University-Non-Louisiana	3	\$ 111,513
State Agency	30	\$ 3,569,888
<b>TOTAL</b>	<b>67</b>	<b>\$ 8,816,299</b>



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





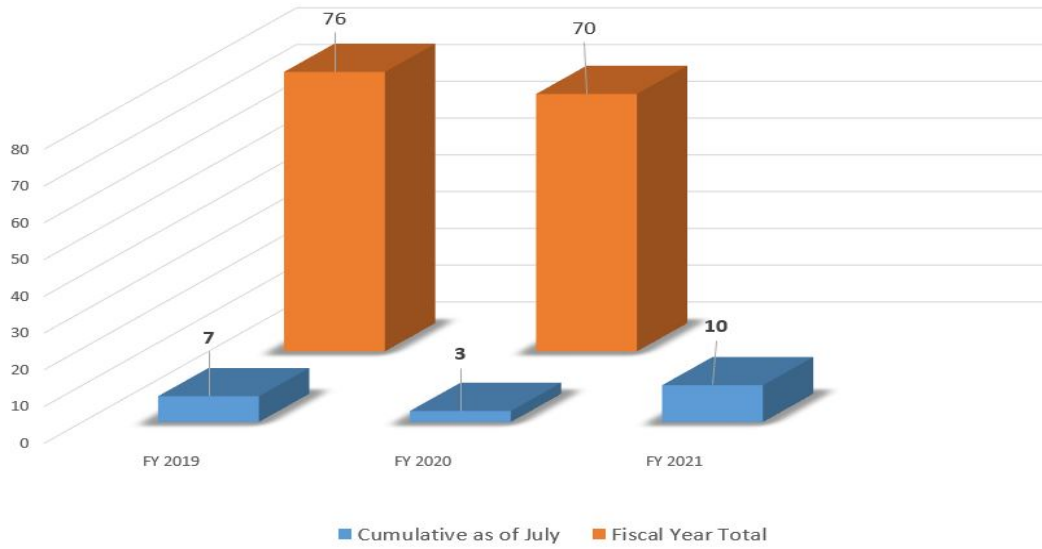
Report Footnotes: Proposal and award numbers are based off of project credit at time the report is generated.  
 Expenditure numbers are based off of the cost center charged at time the report is generated.

---

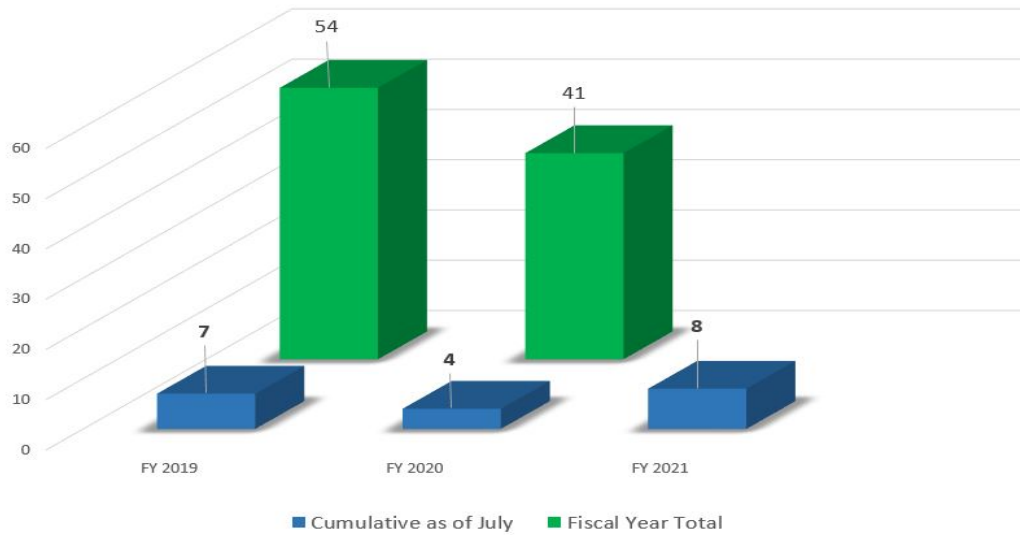
---

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

### Comparison of Invention Disclosures



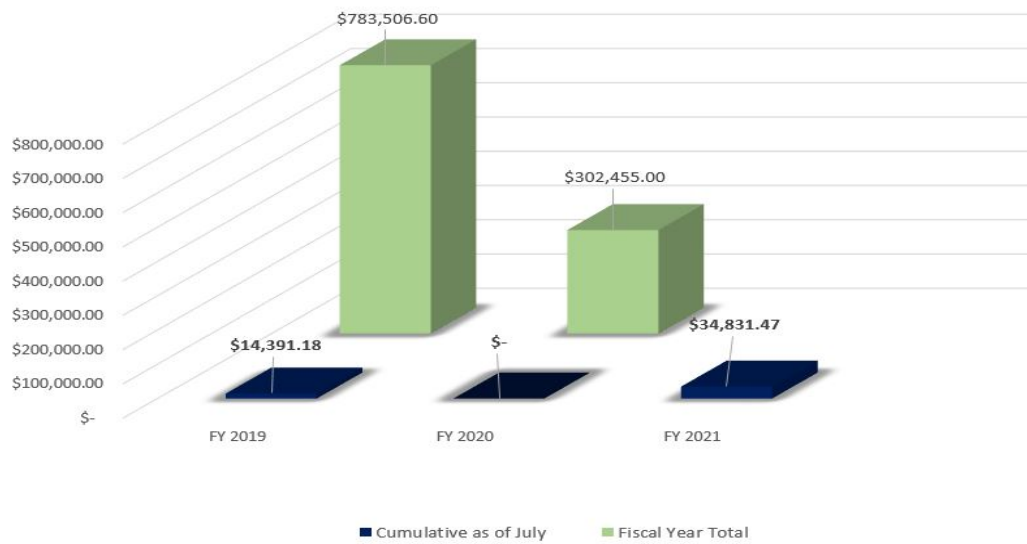
### Comparison of Total U.S. Patent Applications



### Comparison of Total U.S. Patents Issued



### Comparison of Total Revenue for Licensing of Intellectual Property



<u>Principal Investigator</u>	<u>Type</u>	<u>Agency</u>	<u>Title</u>	<u>Amount</u>
<b>Co-PI(s)</b>				
Li, Chunyan	P	National Science Foundation (NSF)	NSFGEO-NERC: Collaborative: Toward A New Picture Of The Multifaceted Meteotsunami	\$ 49,999.32
Bart, Philip J	P	National Science Foundation (NSF)	Unpinning of the Ross Ice Shelf from Ross Bank	\$ 149,100.00
Huffman, Jean M	P	Tall Timbers Research Station	Reconstructing Past Fire Regimes in the Southeastern Coastal Plain	\$ 46,000.00
Platt, William J	C			
Cameron, Bruce	P	American Association of Textile Chemists and Colorists (AATC	Design and Development of a Smart Bra for the Early Detection of Breast Cancer	\$ 600.00
Hasan, Md Nakib-Ul	C			
Rizzuto, Tracey Elle	P	City of Baton Rouge/Parish of East Baton Rouge	EmpowerBR	\$ 11,649.96
Lorenzo, Juan M	P	National Aeronautics & Space Administration (NASA)	Wheel-mounted Acoustic Seismometer System for Investigation of Lunar Regolith Processes and Prospecting of in-situ Resources	\$ 1,499,998.76
Sun, Chao	C			
Walimuni Devage, Sun	C			
Li, Xin	P	National Science Foundation (NSF)	NSF Convergence Accelerator Track D: Real-time AI-assisted Human Behavior Capturing and Modeling Platform for Virtual Co-Presence and Real-time Interaction Analysis	\$ 949,339.24
Beck, Melissa R	C			
Sun, Mingxuan	C			
Zhu, Yimin	C			
Berryman, Charles W	O			
Wheeler, Sassy C	O			
Lagomarsino, Laura P	P	National Science Foundation (NSF)	COLLABORATIVE RESEARCH: Interdisciplinary cross-pollination: Bridging ecology and evolution to understand origin, maintenance, and loss of a specialized plant-hummingbird mutualism	\$ 571,335.68
Midway, Stephen R	P	US Geological Survey (USGS)	One from Many: Combining State Creel Data to Estimate Regional Harvest	\$ 198,954.00
Wischusen, Everett W	P	Biology Leadership Community	Do Boot Camp Programs Help Build Community?	\$ 10,000.00
Wischusen, Sheri Map	C			
Wang, Qingyang	P	Fujitsu Laboratories, Ltd.	Experimental Performance Study of Data Streaming Systems with Quality of Service Requirements	\$ 40,000.04
Guzik, T Gregory	P	National Aeronautics & Space Administration (NASA)	The High Altitude Student Platform (HASP) for Training the Next Generation of SMD Scientists and Engineers	\$ 800,000.00
Granger, Douglas Jam	C			
Christofferson, Rebe	P	National Institutes of Health (NIH)	Deconstructing the bite: Assessing individual mosquito variability and its role in arbovirus transmission success	\$ 2,002,011.00
Cheng, Henrique	P	National Institutes of Health (NIH)	Identification of molecular markers for evaluation of sperm cell damage	\$ 407,448.96
Cronin, James T	P	Louisiana State University Agricultural Center	Roseau Cane Die-off: Soil Chemistry, Above and Belowground Interactions and Long-Term Monitoring	\$ 366,111.90
Hondzinski, Jan M	P	Northwestern University	Study in Parkinson Disease of Exercise Phase 3 Clinical Trial: SPARX3	\$ 323,004.32
Johannsen, Neil	C			
Zeitlin, Anton	P	National Science Foundation (NSF)	CAREER: Geometric and Algebraic Aspects of Mathematical Physics	\$ 841,079.56
Martinez, Juan Jose	P	National Institutes of Health (NIH)	The roles of conserved outer-membrane proteins in SFG Rickettsia pathogenesis	\$ 2,013,051.60
Sulentic Dowell, Mar	P	Blue Cross and Blue Shield of Louisiana Foundation (BCBSLA F	Assistance to Teachers: Responding to Pandemic Teaching Environments and Beyond	\$ 49,999.70
Benton, Alica LeGaye	C			
Casbergue, Renee M	C			
DiCarlo, Cynthia F	C			
Wheeler, Sassy C	C			
Schwarz, Andrew	P	LSU Board of Supervisors	Making Learning Fun: Developing an Interactive Cybersecurity Game for Undergraduate Education	\$ 50,000.00
Kelly, Tosha	P	Life Sciences Research Foundation	Merck Awardee of the Life Sciences Research Foundation - Tosha Kelly	\$ 186,000.00
Lattin, Christine	C			
Sun, Mingxuan	P	National Science Foundation (NSF)	SaTC: CORE: Medium: Smart Hooktracer: an Integrated Framework of Machine Learning and Memory Forensics	\$ 1,199,993.00
Richard, Golden G II	C			
Zhou, Xiangwei	C			

Meng, Xuelian	P	Louisiana State University Agricultural Center	Roseau Cane Die-off: Soil Chemistry, Above and Belowground Interactions and Long-Term Monitoring	\$	281,453.40
Kelley, Mary L	P	Baton Rouge Clinic	Baton Rouge Clinic Externs 2020-2021	\$	65,025.92
Burns, Eric	P	Universities Space Research Association	Unifying Access to Archival Gamma-Ray Data and a Multimission GRB Catalog	\$	64,054.40
Rovai, Andre	P	USDA Forest Service	Increasing human resilience through effective mangrove management	\$	60,922.00
Twilley, Robert R	C				
Monier, Jerry T Jr	P	International Food Protection Training Institute (IFPTI)	Disaster Planning for Food Supply Chain Resiliency	\$	69,964.44
Dirikolu, Levent	P	LA State Racing Commission	Race Horse testing for Louisiana State Racing Commission	\$	1,442,233.00
Christofferson, Rebe	P	Makerere University	Evaluation of the burden of co-infections with Plasmodium falciparum patients in Uganda	\$	114,700.00
Callam, Brian Randal	P	University of Southern Mississippi	Gulf of Mexico Oyster Genetics and Breeding Research Consortium: SALT (Selection of Aquaculture Lines with Improved Traits)	\$	56,493.18
Nickerson, Kathleen	P	LA Office of the Governor	Strategic Communication Support for the Communications and Messaging Subcommittee	\$	15,811.20
Kennedy Haydel, Sher	C				
Sanders, Meghan Shar	C				
Wilks, Sadie Dawn	C				
Nickerson, Kathleen	P	LA Office of the Governor	Testing Messages for a Healthy Baton Rouge	\$	28,350.00
Kennedy Haydel, Sher	C				
Sanders, Meghan Shar	C				
Wilks, Sadie Dawn	C				
Baumgartner, Jennife	P	American Educational Research Association	Recommendations in Virtual Active Learning Supervision (RIVALS)	\$	3,950.00
Eisworth, Hillary Br	C				
Smith, Rachel Willia	P	National Science Foundation (NSF)	CAREER: The bigger picture: How does workaholism impact others and what can be done about it?	\$	482,729.80
Schneider, Helmut	P	Carfax, Inc.	Provide Vehicle Information to Carfax, Inc.	\$	212,550.00
Hutchinson, Cory Joh	C				
Schneider, Helmut	P	Experian Automotive	Provide Vehicle Information to Experian Automotive	\$	212,550.00
Hutchinson, Cory Joh	C				
Callam, Brian Randal	P	National Oceanic and Atmospheric Administration (NOAA)	Exploring Hard Clam and Oyster Polyculture in Coastal Louisiana	\$	249,920.40
Glaspie, Cassandra	C				
Duggan, Brett Arthur	P	National Endowment for the Arts (NEA)	Baton Rouge Improv Festival	\$	18,274.00
Laine, Roger A	P	National Institutes of Health (NIH)	Active Principal Ingredient (API) of PS1 Tumor Hemorrhage Polysaccharide from Serratia Marcescens and Its Cell Surface Receptor	\$	1,326,576.00
Veras, Richard	P	Galois, Inc.	NSF Convergence Accelerator Track D: HINT: An integrated tool for solving PDEs with cross-domain techniques"	\$	134,999.60
Hooper-Bui, Linda M	P	Coypu Foundation	WHO FISHES? Wound infections in Humans who Occupationally handle FISHES	\$	49,998.90
Lundberg, Nicole	P	National Oceanic and Atmospheric Administration (NOAA)	Developing Sustainable Oyster Aquaculture in Louisiana: Exploring Current Economic and Market Barriers and Opportunities to Integrating Aquaculture into Louisiana's Changing Coast and Environment	\$	529,357.00
Twilley, Robert R	C				
Jeong, Yongick	P	The Nature Conservancy of Louisiana	Diversity Fellowship in Conservation Communications	\$	26,454.60
Wilmot, Chester G	P	LA Transportation Research Center (LTRC)	Determining the True Cost and Benefit for Collecting and Maintaining Non-road and Non-bridge Asset Data	\$	167,254.92
Bian, Ruijie	C				
Kousoulas, Konstanti	P	National Institutes of Health (NIH)	Louisiana Bioinformatics Education Training Initiative (LaBETI)	\$	1,350,000.00
Neubrandner, Frank M	C				
Subramanian, Ramesh	C				
Miller, Paul	P	National Aeronautics & Space Administration (NASA)	The representation of emergent terrestrial-atmospheric drought mechanisms in earth system models	\$	636,107.80
Balasuriya, Udeni	P	Food & Drug Administration (FDA)	Vet-Lirn Network Supplemental Capacity Building: 7500 FAST Real-Time System	\$	40,700.00
Peak, Laura	C				
Jones, Kathe A	P	US Department of Homeland Security (DHS)	2020 State Fire Training Systems	\$	19,999.98

Krause, John Jason	P	Battelle ( Pacific Northwest National Laboratory-PNNL)	Animated Video "Shorts" Production	\$	116,634.42
Hynes, Robert	P	National Aeronautics & Space Administration (NASA)	X-ray Selected Symbiotics in the Galactic Bulge	\$	110,985.44
Choi, Jin-Woo	P	Stephenson Technologies Corporation (STC)	FY21-006-EMAP	\$	12,480.84
Khonsari, Michael M	P	American Society of Mechanical Engineers (ASME)	ASME Journal - Editor FY21	\$	46,000.00
Wittenberg, Brittany Harmeyer, Erin	P C	LA Department of Education (LDOE)	Louisiana Family Homes Pilot Study, Year 2	\$	220,880.24
Meng, Xiangyu	P	Cisco Systems, Inc.	Integrated Planning, Control, and Learning of COVID19 Pandemics	\$	77,281.00
Elseifi, Mostafa A	P	LA Transportation Research Center (LTRC)	A New Generation of Porous Asphalt Pavement - OGFC Support Study	\$	119,609.16
Ogundele, Olalekan M	P	National Institutes of Health (NIH)	Dissecting the role of SK2 in NMDAR hypofunction	\$	402,200.00
Lattin, Christine	P	National Science Foundation (NSF)	The Neurobiology of Neophobia in a Wild Songbird	\$	600,845.68
Twilley, Robert R	P	Florida Department of Environmental Protection	Predicting blue carbon sequestration and belowground biomass: model verification in Florida's mangroves	\$	17,999.75
Orozco, Rafael	P	National Science Foundation (NSF)	A Sociolinguistic Study of Spanish in Louisiana	\$	294,286.56
Walker, Nan D Haag, Alaric Sulliva	P C	Texas A&M University	Satellite Remote Sensing in Support of GCOOS	\$	441,735.00
DiCarlo, Cynthia F	P	LA Department of Education (LDOE)	Louisiana Child Care Assistance Provider (LACAP) Round 3	\$	36,074.85
D'Sa, Eurico J	P	National Aeronautics & Space Administration (NASA)	Assessing climate variability and change effects on a river-dominated coastal ecosystem using ocean color biogeochemical indicators	\$	612,131.52
Westbrook, Amy Barha	P	LA Department of Education (LDOE)	Words With Friends: Making Grammar Instruction Fun 2020-2021	\$	12,762.00
Mason, Nicholas A	P	National Science Foundation (NSF)	Collaborative Research: RoL: Collections sing when integrated with experimental, question-driven science: constraint and evolutionary innovation in the avian vocal organ	\$	76,981.00
Verma, Lisa A	P	LA Workforce Commission	Incumbent Worker Training Program - Acadian Ambulance 2020-2021	\$	634,485.00
Bohnert, Adam	P	Edward Mallinckrodt Jr. Foundation	Lysosomes in sperm development and male reproductive aging	\$	180,000.00
Zhu, Jiuyi	P	National Science Foundation (NSF)	CAREER: Topics on Laplacian eigenfunctions	\$	439,131.72
Terrell, Milton D	P	LA Workforce Commission	Unemployment Claims Forecast 2020	\$	21,685.00
Robison, Samuel Berw Little, Kristina	P C	LA Department of Health (LDH)	Louisiana Strategic Prevention Framework for Prescription Drugs Evaluation	\$	87,307.00
Cormier, Stephania A Reams, Margaret Anne	P C	LSU Health Sciences Center (LSUHSC) in New Orleans	Interprofessional Approach to Developing a Diverse Workforce Ready to Address Emerging Technologies in Occupational Health and Safety	\$	353,045.00
Christofferson, Rebe Cormier, Stephania A Reams, Margaret Anne	P C C	LSU Pennington Biomedical Research Center (PBRC)	Louisiana Clinical and Translational Science Center	\$	109,493.36
Winter, Ty Whitney	P	Federal Bureau of Investigation (FBI)	LEO Phase XXVII	\$	6,276,379.00
Jafari, Navid H	P	Waste Management National Services, Inc.	Literature of dark fermentation for landfills	\$	10,000.00
Krause, John Jason	P	Commonwealth Trading Partners, Inc.	DOS ISN/ECC TO 19-005 EXBS Subtask COVID Suppression Consultant for Kenya and other African Countries	\$	104,040.00
Dance, Michael Glaspie, Cassandra	P C	The Water Institute of the Gulf (TWIG)	Lake Borgne Gulf Sturgeon monitoring and habitat characterization: Phase 1	\$	114,076.80
Harms, Kyle E Barker, Carrie	P C	LA Department of Education (LDOE)	Assembly of low-diversity plant communities within hyperdiverse longleaf pine savannas	\$	808.00
Cronin, James T Lee, Herie	P C	LA Department of Education (LDOE)	Restoration of Phragmites die-back in the Lower Mississippi River Delta and the multifactorial causes	\$	847.00
<b>Total</b>				<b>\$</b>	<b>30,956,293</b>



## Awards Budgeted by SPA

July 2020

Award ID	Principal Investigator Co-PI(s)	Type	Award Name	Agency	New	Continuing	Total
AWD-000865	Lopata, Kenneth Andrew	P	LSUAM   First-Principles Tools for Nonadiabatic Attosecond Dynamics in Materials	US Department of Energy (DOE)	\$ -	\$ 88,201.00	\$ 88,201.00
AWD-001451	Chung, Hyunju	P	LSUAM   Semivowel Errors as Speech Sound Disorders Diagnostic Marker	LA Board of Regents   03	\$ -	\$ 37,755.00	\$ 37,755.00
AWD-001455	Palardy, Genevieve	P	LSUAM   Toward Structural Health Monitoring: Effect of Embedded Sensors on Mechanical Behavior and Repairability of High-Performance Thermoplastic Composite Joints	LA Board of Regents   03	\$ -	\$ 47,400.00	\$ 47,400.00
AWD-001461	Xu, Jian	P	LSUAM   Spectroscopy - Guided Intraoperative Cancer Detection	LA Board of Regents   03	\$ -	\$ 45,975.00	\$ 45,975.00
AWD-001462	McPeak, Kevin Michael Arges, Christopher G Bharti, Bhuvnesh Butler, Leslie G Choi, Jin-Woo Ditusa, John F Dorman, James Flake, John C Gartia, Manas Ranjan Guo, Hangwen Jin, Rongying Melvin, Adam Thomas Nesterov, Evgueni E Park, Kidong Park, Sunggook Plummer, Earl Ward Zhang, Jiandi	P C C C C C C C C C C C C C C C C	LSUAM   Advanced Device Fabrication for Science and Engineering Research and Education at Louisiana State University	LA Board of Regents   03	\$ -	\$ 162,402.00	\$ 162,402.00
AWD-001464	Ye, Jinwei	P	LSUAM   Computational Imaging Approach for 3D Volumetric Fluid Reconstruction	LA Board of Regents   03	\$ -	\$ 52,500.00	\$ 52,500.00
AWD-001488	Jung, Jangwook	P	LSUAM   Functional Cardiac Organoids Differentiation Via Optimized Engagement of 3D Extracellular Matrices and ILK Signaling	LA Board of Regents   03	\$ -	\$ 48,968.00	\$ 48,968.00
AWD-001496	Newcomer, Marcia E	P	LSUAM   Intergovernmental Personnel Act (IPA) Assignment - Marcia Newcomer	National Science Foundation (NSF)	\$ 291,676.00	\$ -	\$ 291,676.00
AWD-001503	Dooley, Kerry M	P	LSUAM   Micro Heat Exchanger/Reactor for Advanced Oxidation Processes	LA Board of Regents   03	\$ -	\$ 47,200.00	\$ 47,200.00
AWD-001515	Sun, Chao	P	LSUAM   A Data-Driven Framework for Online Damage Diagnosis of Oil and Gas Pipelines	LA Board of Regents   03	\$ -	\$ 60,983.00	\$ 60,983.00
AWD-001518	Lagomarsino, Laura P	P	LSUAM   Co-Evolution of Hummingbird Bills and Flower: The Origin and Maintenance of Obligate Specialized Interactions in the American Tropics	LA Board of Regents   03	\$ -	\$ 43,375.00	\$ 43,375.00

AWD-001533	Jafari, Navid H Li, Xin	P C	LSUAM   Reconstruction of Flood Hydrographs in Louisiana During Hurricanes and Floods	LA Board of Regents   03	\$ -	\$ 56,106.00	\$ 56,106.00
AWD-001534	Jafari, Navid H Li, Xin	P C	LSUAM   Reconstruction of Flood Hydrographs in Louisiana During Hurricanes and Floods	T. Baker Smith LLC   03	\$ -	\$ 8,332.00	\$ 8,332.00
AWD-001552	Dowling, Jonathan	P	LSUAM   Quantum Technologies that Reject Thermal Noise for Improved SNR in Coherent-State Ranging and Related Applications	US Air Force-AFOSR   01	\$ -	\$ 100,000.00	\$ 100,000.00
AWD-001578	Noel, Alexandra	P	LSUAM   Effect of third-generation electronic cigarettes design features on aerosol constituents and pulmonary toxicity in vitro and in vivo	NIH-National Institute of Environmental Health Sciences	\$ 72,769.00	\$ -	\$ 72,769.00
AWD-001900	Cohen, Alex S	P	LSUAM   Psychology Extern at Jackson State Hospital	LA Dept of Health & Hospitals-Office of Behavioral Health   06	\$ -	\$ 25,825.00	\$ 25,825.00
AWD-001964	Menon, Shyam K	P	LSUAM   Investigation of Hybrid Powertrains for Small Unmanned Aircraft Systems	Southern University   05	\$ -	\$ 51,500.00	\$ 51,500.00
AWD-002091	Nickerson, Kathleen Searless	P	LSUAM   NSF EAGER Collaborative Research: The Women Also Know Stuff Initiative	Menlo College	\$ -	\$ 22,115.00	\$ 22,115.00
AWD-002114	Robison, Samuel Berwyn Moles, Aimee Rhodes, Judith Lee	P C C	LSUAM   Louisiana State Opioid Response (LASOR)	LA Dept of Health & Hospitals-Office of Behavioral Health   08	\$ -	\$ 55,891.00	\$ 55,891.00
AWD-002175	Robison, Samuel Berwyn Colomb, Kandra Shorter Moles, Aimee Purser, Carolin Winchester, Elizabeth Atkinson	P C C C C	LSUAM   Strategic Prevention Framework Partnerships for Success	LA Dept of Health & Hospitals-Office of Behavioral Health   05	\$ -	\$ 367,287.00	\$ 367,287.00
AWD-002186	Haberlie, Alex	P	LSUAM   Building a Climatology of Mesoscale Convective Processes Using Image-Classification and Machine-Learning Techniques of Radar Data	LA Board of Regents   03	\$ -	\$ 35,899.00	\$ 35,899.00
AWD-002187	Elgrishi, Noemie	P	LSUAM   Catalytic Reduction of Hexavalent Chromium to Reclaim Contaminated Water Sources	LA Board of Regents   03	\$ -	\$ 46,313.00	\$ 46,313.00
AWD-002189	Chen, Shengli	P	LSUAM   Elastoplastic Modelling of Wellbore Stability Problems and Simulation Tool Development	LA Board of Regents   03	\$ -	\$ 72,829.00	\$ 72,829.00
AWD-002191	Lattin, Christine	P	LSUAM   The Neurobiology of Resilience to Environmental Challenges	LA Board of Regents   03	\$ -	\$ 38,105.00	\$ 38,105.00
AWD-002195	Noel, Alexandra	P	LSUAM   Lung Physiological, Cellular and molecular toxicity induced by electronic cigarette in mouse Models of in Utero and Adult Exposure	LA Board of Regents   03	\$ -	\$ 48,866.00	\$ 48,866.00

AWD-002201	Chen, Yuanhang Williams, Wesley C	P C	LSUAM   Transport Processes of Hydrocarbon Influxes in Non-Aqueous Muds and the Application in Riser Gas Management	LA Board of Regents   03	\$ -	\$ 78,600.00	\$ 78,600.00
AWD-002210	Chambers, Matthew	P	LSUAM   Developing Molecular Photoelectrodes for Renewable Energy Storage and Catalysis	LA Board of Regents   03	\$ -	\$ 54,285.00	\$ 54,285.00
AWD-002215	Plaisance, Craig	P	LSUAM   Computational Investigation of Transition Metal Sulfides for Overcoming the Challenges of Electrocatalytic CO2 Reduction	LA Board of Regents   03	\$ -	\$ 52,475.00	\$ 52,475.00
AWD-002217	Lin, Hai	P	LSUAM   Enhancing Mycelium-Based Biocomposite for Novel Applications in Building Support and Design	LA Board of Regents   03	\$ -	\$ 54,251.00	\$ 54,251.00
AWD-002231	Park, Kidong	P	LSUAM   Experimental Evaluation of Rolled Scaffold	Johnson & Johnson Services, Inc. (JJSI)	\$ 75,466.00	\$ -	\$ 75,466.00
AWD-002238	Glaspie, Cassandra	P	LSUAM   Ecosystem Impacts of Invasive Lionfish in Shallow and Mesophotic Reefs in the Gulf of Mexico	LA Board of Regents   03	\$ -	\$ 46,700.00	\$ 46,700.00
AWD-002239	Chung, SeYeon	P	LSUAM   Spatial Regulation of Myosin Dynamics During Tubular Organ Formation	LA Board of Regents   03	\$ -	\$ 54,528.00	\$ 54,528.00
AWD-002240	Midway, Stephen R	P	LSUAM   Macroscale Pattern of CO2 in US Flowing Waters	LA Board of Regents   03	\$ -	\$ 45,799.00	\$ 45,799.00
AWD-002241	Rivera-Laos, Mario E Arges, Christopher G Cueto, Rafael Lee, Jeonghoon Schneider, Gerald Johannes Vinyard, David Zhang, Donghui	P C C C C C C	LSUAM   Enhancing the Capabilities of the Shared Laboratory for Macro- and Bio-Macromolecular Research [SLMBR]	LA Board of Regents   03	\$ -	\$ 196,071.00	\$ 196,071.00
AWD-002260	Thackaberry, Alexandra	P	LSUAM   LSU Online's Support Towards Achieving Goals of LED-DXC Higher Education Plan	LA Dept of Economic Development (LED)	\$ -	\$ 999,999.00	\$ 999,999.00
AWD-002304	Buckner, Julia D Calamia, Matthew Ray Cohen, Alex S Frick, Paul Joseph Kelley, Mary L Tucker, Raymond	P C C C C C	LSUAM   OLOL Externs 2019 - 2024	Our Lady of the Lake Physician Group, LLC   02	\$ -	\$ 162,544.00	\$ 162,544.00
AWD-002345	Huffman, Jean M	P	LSUAM   Reconstructing Past Fire Regimes in the Southeastern Coastal Plain	Tall Timbers	\$ -	\$ 46,000.00	\$ 46,000.00
AWD-002358	Wilks, Scott E Ainsworth, Laura Lemieux, Catherine M	P C C	LSUAM   Louisiana Geriatric Workforce Enhancement Program (LA-GWEP): Improving Quality of Integrated Primary Care among Persons with Dementia and Caregivers	US Department of Health & Human Services-HRSA	\$ 5,000.00	\$ 743,304.00	\$ 748,304.00
AWD-002451	Armbrust, Kevin Lawrence	P	LSUAM   Development of In-vitro Assays that are Predictive of Developmental Toxicity in a Euryhaline Fish Model	Oregon State University   01	\$ -	\$ 89,549.00	\$ 89,549.00

AWD-002650	Gibson, William J	P	LSUAM   Calibration and Validation of NOAA VIIRS Ocean Products for Monitoring Oceans	Global Science & Technology, Inc.   02	\$ -	\$ 13,800.00	\$ 13,800.00
AWD-002661	Douglas, William Lake	P	LSUAM   2020 LAF Case Study Investigation Program	Landscape Architecture Foundation (LAF)	\$ -	\$ (5,600.00)	\$ (5,600.00)
AWD-002785	Gilroy, Shawn	P	LSUAM   Psychology Extern at Democracy Prep 2020-21	Democracy Prep Louisiana Charter School	\$ 22,883.00	\$ -	\$ 22,883.00
AWD-002834	Knapp, Gerald M	P	LSUAM   I.T. Assistance to Metanoia Manor	Metanoia, Inc. Manor   02	\$ 19,650.00	\$ -	\$ 19,650.00
AWD-002841	Mukhopadhyay, Supratik Brylinski, Michal	P C	LSUAM   DeepDrug: AI-based Drug Discovery for SARS-COV2	Skymount Medical LLC	\$ 250,002.00	\$ -	\$ 250,002.00
AWD-002868	Climek, Michael A Henderson, Michael Benjamin Hagan, Gail Beverly Williamson, Cynthia Jean	P C A A	LSUAM   Louisiana BRFSS Phone Survey 2020	LA Dept of Health & Hospitals   07	\$ -	\$ 170,621.00	\$ 170,621.00
AWD-002877	Brandt, Steven Robert Diener, Peter	P C	LSUAM   Collaborative Research: Frameworks: The Einstein Toolkit ecosystem: Enabling fundamental research in the era of multi-messenger astrophysics	National Science Foundation (NSF)	\$ 427,322.00	\$ -	\$ 427,322.00
AWD-002888	Lewin, Andrew	P	LSUAM   Assessing Potential for Antiviral Resistance in Feline Herpesvirus	Morris Animal Foundation	\$ 5,000.00	\$ -	\$ 5,000.00
AWD-002924	Yan, Le Kutter, Thomas J Peng, Lu	P C C	LSUAM   CC* Compute: Deep Bayou: Accelerating Scientific Discoveries with A GPU Cluster	National Science Foundation (NSF)	\$ 398,760.00	\$ -	\$ 398,760.00
AWD-002930	Chowdhury, Shafiqul	P	LSUAM   Novel bovine herpesvirus type 1 (BHV-1) vectored vaccine against Rift valley fever virus infection in cattle and sheep	US Department of Agriculture-NIFA   02	\$ 500,000.00	\$ -	\$ 500,000.00
AWD-002956	Mitchell, Brant Dylan	P	LSUAM   LDH OPH COVID-19 Response and Contact Tracing Support	LA Dept of Health & Hospitals-Office of Public Health   06	\$ -	\$ 500,000.00	\$ 500,000.00
AWD-002980	Wolfson, Wendy	P	LSUAM   Agreement between LSU Veterinary Shelter medicine program and Walker Animal Control Facility	Walker Animal Shelter	\$ 5,000.00	\$ -	\$ 5,000.00
AWD-002991	Stamps, David Slocum, Angela Jeanette	P C	LSUAM   Black and Essential: Relational Maintenance and Coping Strategies Among Black Populations during COVID-19	The E Pluribus Unum Institute	\$ 14,044.00	\$ -	\$ 14,044.00
AWD-002993	Cameron, Bruce Hasan, Md Nakib-UI	P C	LSUAM   Design and Development of a Smart Bra for the Early Detection of Breast Cancer	AATCC Foundation, Inc	\$ 600.00	\$ -	\$ 600.00
AWD-002994	Hawke, John Phillip	P	LSUAM   Investigating the Epidemiology of Edwardsiella piscicida-Septicemia in Hybrid Catfish and Other Commercially Important Fish Species in the Southern United States	Mississippi State University-SRAC	\$ 8,750.00	\$ -	\$ 8,750.00

AWD-002995	Wylie, Kathleen Bardy	P	LSUAM   Cooperative Agreement between LSU and US Department of Housing and Urban Development Office of Inspector General for Hotline Services	US Department of Housing & Urban Development - Office of Inspector General (HUD OIG)   02	\$ 235,803.00	\$ -	\$ 235,803.00
AWD-002996	Spielmann, Guillaume Cho, Eunhan	P C	LSUAM   The Effect of Acute Exercise and Hypoxia on Natural Killer Cell Bioenergetics and Cytotoxic Function in Older Adults	American College of Sports Medicine Foundation (ACSM)	\$ 4,890.00	\$ -	\$ 4,890.00
AWD-002998	Xu, Jian	P	LSUAM   Image through the Dental Crown	LSU Board of Supervisors	\$ 75,000.00	\$ -	\$ 75,000.00
AWD-002999	Blanchard, Leslie Davis Dicharry, Lacy K	P C	LSUAM   St. Charles Parish Public Schools Professional Development for Leadership Retreat	St. Charles Parish Public Schools	\$ 3,000.00	\$ -	\$ 3,000.00
AWD-003002	Krause, John Jason	P	LSUAM   COVID Airport SME Support	Battelle Memorial Institute-Pacific Northwest National Laboratory (PNNL)	\$ 20,000.00	\$ -	\$ 20,000.00
AWD-003004	Frick, Paul Joseph	P	LSUAM   Delinquency and Crime from Adolescence through Young Adulthood: The Crossroads Study	The Regents of the University of California   01	\$ 13,214.00	\$ -	\$ 13,214.00
AWD-003006	Liang, Junhong	P	LSUAM   CAREER: Mechanistic Modeling of Turbulent Bubbly Flows in the Ocean Surface Boundary Layer	National Science Foundation (NSF)	\$ 114,032.00	\$ -	\$ 114,032.00
AWD-003010	Karki, Bijaya B	P	LSUAM   Collaborative Research: CSEDI: Understanding the Role of Hydrogen and Melting in the Water Transport Across the Transition Zone-Lower Mantle Boundary	National Science Foundation (NSF)	\$ 183,998.00	\$ -	\$ 183,998.00
AWD-003024	McCulloh, Richard P Heinrich, Paul Victor Paulsell, Robert Lynn	P C C	LSUAM   Geologic Mapping of One 7.5-Minute Quadrangle in Southwest Louisiana and Three 7.5-Minute Quadrangles in the North Shore Area	US Department of Interior-USGS   03	\$ 71,537.00	\$ -	\$ 71,537.00
AWD-003030	Wilde, Mark M	P	LSUAM   Collaborative Research: Device-Independent Quantum Secured Information	University of New Orleans   03	\$ 257,250.00	\$ -	\$ 257,250.00
AWDC-001215	Schafer, Kenneth J Gaarde, Mette B Lopata, Kenneth Andrew	P C C	LSUAM   Time Resolved High Harmonic Spectroscopy: a Coherently Enhanced Probe of Charge Migration	US Department of Energy (DOE)	\$ -	\$ 750,000.00	\$ 750,000.00
AWDC-001269	Walker, Shawn W	P	LSUAM   Career: Numerical Methods for Liquid Crystals and Their Optimal Design	National Science Foundation (NSF)	\$ -	\$ 123,907.00	\$ 123,907.00
<b>Grand Total</b>					<b>\$ 3,075,646</b>	<b>\$ 5,740,660</b>	<b>\$ 8,816,306</b>

Comparison of Proposal Data for past 3 years

July 2020

Colleges	Cumulative as of July 2018		Cumulative as of July 2019		Cumulative as of July 2020	
	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested
Academic Services	0.00	\$ -	1.10	\$ 697,716.00	0.00	\$ -
Administrative	3.00	\$ 18,652.00	1.00	\$ 2,099,013.00	0.00	\$ -
Athletic Department	0.00	\$ -	0.00	\$ -	0.00	\$ -
Auxiliaries	0.00	\$ -	0.00	\$ -	0.00	\$ -
Center for Computation and Technology	0.00	\$ -	0.00	\$ -	1.00	\$ 135,000
Center for Energy Studies	1.30	\$ 125,551.20	0.00	\$ -	0.00	\$ -
Centers and Institutes	0.00	\$ -	0.00	\$ -	0.00	\$ -
College of Agriculture	0.00	\$ -	0.00	\$ -	1.00	\$ 600
College of Art and Design	1.75	\$ 531,748.00	1.00	\$ 49,990.00	0.00	\$ -
College of Business	1.00	\$ 160,635.00	0.20	\$ 881,807.40	4.00	\$ 496,785
College of Engineering	34.50	\$ 13,624,147.00	35.70	\$ 24,537,995.00	9.01	\$ 2,802,156
College of Human Sciences and Education	9.68	\$ 2,631,817.74	4.00	\$ 3,667,525.00	8.13	\$ 869,042
College of Humanities and Social Sciences	6.30	\$ 846,757.00	11.20	\$ 3,214,843.80	4.97	\$ 1,302,548
College of Music and Dramatic Arts	1.25	\$ 78,711.00	0.40	\$ 15,984.00	1.00	\$ 18,274
College of Science	23.67	\$ 5,023,027.21	21.00	\$ 6,561,561.22	19.04	\$ 7,570,650
College of the Coast and Environment	11.20	\$ 4,529,687.80	14.90	\$ 7,615,705.80	10.20	\$ 2,519,349
Continuing Education	0.00	\$ -	0.72	\$ 749,664.00	1.00	\$ 634,485
Facility and Property Oversight	0.00	\$ -	0.00	\$ -	0.00	\$ -
Graduate School	0.00	\$ -	1.00	\$ 414,000.00	0.00	\$ -
Information Technology Services	0.00	\$ -	0.00	\$ -	0.00	\$ -
Libraries	0.00	\$ -	0.00	\$ -	0.00	\$ -
Louisiana Sea Grant	15.15	\$ 537,055.05	1.00	\$ 74,955.00	2.40	\$ 685,818
LSU Online	0.00	\$ -	0.28	\$ 291,536.00	0.00	\$ -
Museums	0.00	\$ -	0.00	\$ -	0.00	\$ -
Paul M. Hebert Law Center	0.00	\$ -	0.00	\$ -	0.00	\$ -
School of Mass Communication	0.20	\$ -	0.00	\$ -	2.20	\$ 52,951
School of Veterinary Medicine	17.00	\$ 8,447,144.00	14.50	\$ 6,182,319.40	8.05	\$ 7,281,617
SNCST	4.00	\$ 22,031,622.00	2.00	\$ 147,675.00	5.00	\$ 6,587,018
Student Services	0.00	\$ -	0.00	\$ -	0.00	\$ -
University College	0.00	\$ -	0.00	\$ -	0.00	\$ -
VP Research and Economic Development	0.00	\$ -	0.00	\$ -	0.00	\$ -
VP Strategic Initiatives	2.00	\$ 80,000.00	0.00	\$ -	0.00	\$ -
<b>Total as of July</b>	<b>132.00</b>	<b>\$ 58,666,555.00</b>	<b>110.00</b>	<b>\$ 57,202,290.62</b>	<b>77.00</b>	<b>\$ 30,956,293</b>
<b>Total of Fiscal Year</b>	<b>1342.00</b>	<b>\$ 611,052,234</b>	<b>1441.00</b>	<b>\$ 527,677,215</b>	<b>--</b>	<b>--</b>

Comparison of Award Data for past 3 years

July 2020

College	Cumulative as of July 2018 Jul - Continuing			Cumulative as of July 2019 Jul - Continuing			Cumulative as of July 2020 Jul - Continuing		
	Jul - New (2018)	(2018)	Jul - Total (2018)	Jul - New (2019)	(2019)	Jul - Total (2019)	Jul - New (2020)	(2020)	Jul - Total (2020)
Academic Services	\$ -	\$ 1,640.00	\$ 1,640.00	\$ -	\$ 45,475.00	\$ 45,475.00	\$ -	\$ -	\$ -
Administrative	\$ -	\$ -	\$ -	\$ -	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -
Athletics	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Auxiliaries	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Center for Computation and Technology	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 427,321.00	\$ -	\$ 427,321.00
Center for Energy Studies	\$ 68,918.00	\$ -	\$ 68,918.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Centers and Institutes	\$ 58,546.00	\$ -	\$ 58,546.00	\$ -	\$ -	\$ -	\$ 71,537.00	\$ -	\$ 71,537.00
College of Agriculture	\$ -	\$ -	\$ -	\$ -	\$ 35,489.00	\$ 35,489.00	\$ 600.00	\$ -	\$ 600.00
College of Art and Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,600.00)	\$ (5,600.00)
College of Business	\$ -	\$ 83,732.00	\$ 83,732.00	\$ 647,579.00	\$ -	\$ 647,579.00	\$ -	\$ -	\$ -
College of Engineering	\$ 16,504,729.00	\$ 382,025.00	\$ 16,886,754.00	\$ 1,146,932.00	\$ 820,467.00	\$ 1,967,399.00	\$ 578,804.00	\$ 803,629.00	\$ 1,382,433.00
College of Human Sciences and Education	\$ 247,437.00	\$ 480,000.00	\$ 727,437.00	\$ 106,543.00	\$ 240,000.00	\$ 346,543.00	\$ 12,890.00	\$ 1,166,483.00	\$ 1,179,373.00
College of Humanities and Social Sciences	\$ 306,411.00	\$ 143,261.00	\$ 449,672.00	\$ 234,437.00	\$ 200,380.00	\$ 434,817.00	\$ 36,097.00	\$ 272,859.00	\$ 308,956.00
College of Music and Dramatic Arts	\$ 60,000.00	\$ -	\$ 60,000.00	\$ -	\$ 32,000.00	\$ 32,000.00	\$ -	\$ -	\$ -
College of Science	\$ 1,175,774.00	\$ 2,090,966.00	\$ 3,266,740.00	\$ 752,051.00	\$ 2,132,694.00	\$ 2,884,745.00	\$ 773,616.00	\$ 1,576,673.00	\$ 2,350,289.00
College of the Coast and Environment	\$ 114,070.00	\$ -	\$ 114,070.00	\$ 66,387.00	\$ 126,049.00	\$ 192,436.00	\$ 114,032.00	\$ 195,848.00	\$ 309,880.00
Continuing Education	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000.00	\$ 300,000.00
Facility and Property Oversight	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Graduate School	\$ -	\$ -	\$ -	\$ -	\$ 621,000.00	\$ 621,000.00	\$ -	\$ -	\$ -
Information Technology Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 199,380.00	\$ -	\$ 199,380.00
Libraries	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Louisiana Sea Grant	\$ 7,500.00	\$ 56,700.00	\$ 64,200.00	\$ -	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ -
LSU Online	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 699,999.00	\$ 699,999.00
Museums	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Paul M. Hebert Law Center	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
School of Mass Communication	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,044.00	\$ 181,900.00	\$ 195,944.00
School of Veterinary Medicine	\$ 333,192.00	\$ 135,350.00	\$ 468,542.00	\$ 794,260.00	\$ 221,701.00	\$ 1,015,961.00	\$ 591,519.00	\$ 48,866.00	\$ 640,385.00
SNCSRT	\$ 584,375.00	\$ -	\$ 584,375.00	\$ 18,721.00	\$ (2,366.00)	\$ 16,355.00	\$ 255,803.00	\$ 500,000.00	\$ 755,803.00
Student Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
University College	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
VP Research and Economic Development	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
VP Strategic Initiatives	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total as of July</b>	\$ 19,460,952.00	\$ 3,373,674.00	\$ 22,834,626.00	\$ 3,766,910.00	\$ 4,502,889.00	\$ 8,269,799.00	\$ 3,075,643.00	\$ 5,740,657.00	\$ 8,816,300.00
<b>Total of Fiscal Year</b>		<b>\$150,299,926</b>			<b>\$145,010,976</b>			<b>\$0</b>	

## Comparison of Expenditure Data for past 3 years

July 2020

First Level Cost Center Hierarchy	Jul-2018	FY 2019	Jul-2019	FY 2020	Jul-2020
Athletics	\$ -	\$ 5,000	\$ -	\$ -	\$ -
Assoc VP Administration and IT/CIO	\$ -	\$ -	\$ -	\$ -	\$ -
Center for Academic Success	\$ 29,656	\$ -	\$ 556	\$ 156,278	\$ 31,808
Center for Computation and Technology	\$ 275,043	\$ 2,248,123	\$ 316,564	\$ 2,446,090	\$ 216,644
Center for Energy Studies	\$ 25,732	\$ 484,846	\$ 25,518	\$ 288,262	\$ 62,569
Centers and Institutes	\$ 167,682	\$ 1,880,332	\$ 183,286	\$ 2,099,035	\$ 140,271
College of Agriculture	\$ 55,735	\$ 415,554	\$ 7,762	\$ 235,843	\$ 4,750
College of Art and Design	\$ 1,606	\$ 37,346	\$ -	\$ 19,321	\$ 2,933
College of Business	\$ 296,958	\$ 4,071,448	\$ 295,866	\$ 4,560,850	\$ 297,722
College of Engineering	\$ 1,937,977	\$ 24,616,113	\$ 1,942,693	\$ 22,500,895	\$ 1,773,896
College of Human Sciences and Education	\$ 132,562	\$ 2,783,420	\$ 347,836	\$ 3,976,184	\$ 245,745
College of Humanities and Social Sciences	\$ 326,254	\$ 3,786,509	\$ 235,663	\$ 3,030,583	\$ 190,634
College of Music and Dramatic Arts	\$ -	\$ 83,726	\$ -	\$ 62,531	\$ -
College of Science	\$ 2,395,990	\$ 24,816,747	\$ 2,075,952	\$ 24,211,177	\$ 2,337,073
College of the Coast and Environment	\$ 668,689	\$ 6,908,906	\$ 537,009	\$ 7,360,480	\$ 439,011
Continuing Education	\$ 26,589	\$ 2,116,247	\$ 23,362	\$ 921,694	\$ 34,929
Dean of Students	\$ -	\$ -	\$ -	\$ -	\$ -
Executive VP and Provost	\$ -	\$ -	\$ -	\$ -	\$ -
Facility and Property Oversight	\$ -	\$ -	\$ -	\$ -	\$ -
Graduate School	\$ 19,307	\$ 720,879	\$ 23,118	\$ 664,466	\$ 49,146
Human Resource Management	\$ 6	\$ (102)	\$ -	\$ -	\$ -
Information Technology Services	\$ 223,484	\$ 1,868,326	\$ 134,744	\$ 3,149,313	\$ 142,608
International Programs	\$ -	\$ 58,646	\$ -	\$ 64,774	\$ 122
LSU Online	\$ -	\$ -	\$ -	\$ 155,160	\$ 45,420
LSU Police	\$ -	\$ 712	\$ -	\$ -	\$ -
Libraries	\$ 684	\$ 14,755	\$ -	\$ 52,175	\$ -
Louisiana Sea Grant	\$ 121,950	\$ 3,305,936	\$ 203,080	\$ 3,046,795	\$ 239,462
NCBRT	\$ 1,513,323	\$ -	\$ 1,898,020	\$ 23,734,890	\$ 683,445
Paul M. Hebert Law Center	\$ -	\$ -	\$ -	\$ (21)	\$ -
SNCSRT	\$ 723,302	\$ 36,144,375	\$ 713,828	\$ 9,927,297	\$ 687,532
School of Mass Communication	\$ 263	\$ 438,895	\$ 7,719	\$ 329,605	\$ 13,873
School of Veterinary Medicine	\$ 700,507	\$ 13,357,789	\$ 999,917	\$ 12,043,385	\$ 616,215
Student Health Center	\$ (273)	\$ 33,973	\$ -	\$ 907	\$ -
University College	\$ 49,432	\$ 687,492	\$ 72,660	\$ 693,222	\$ 70,639
VP Research and Economic Development	\$ -	\$ 155,327	\$ -	\$ 255,949	\$ 13
VP Strategic Initiatives	\$ 241,670	\$ 1,174,082	\$ 68,228	\$ 1,526,424	\$ 118,532
VP Student Affairs	\$ -	\$ -	\$ -	\$ 33,862	\$ 2,025
VProvost Academic Programs and Support Services	\$ 201,993	\$ 1,369,785	\$ 71,271	\$ 782,515	\$ 32,370
<b>Total</b>	<b>\$ 10,136,119</b>	<b>\$ 133,585,187</b>	<b>\$ 10,184,653</b>	<b>\$ 128,329,940</b>	<b>\$ 8,479,385</b>

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.