

Proposals Submitted by OSP

May 2020

<u>Principal Investigator</u> <u>Co-PI(s)</u>	<u>Type</u>	<u>Agency</u>	<u>Title</u>	<u>Amount</u>
Kousoulas, Konstantin	P	National Institutes of Health (NIH)	Louisiana Biomedical Research Network (LBRN)	\$ 138,298.00
Kousoulas, Konstantin	P	National Institutes of Health (NIH)	Louisiana Biomedical Research Network (LBRN)	\$ 278,490.00
Maas, Andrew J	P	National Science Foundation (NSF)	I-Corps Sites: LSU Emerging Technology Preparation (LA EMTEC Prep) Program	\$ 66,000.00
Boudreaux, Jason Jude	O			
Ragains, Justin R	P	National Science Foundation (NSF)	MPS AGEP-GRS Funds to Support Ashley Fulton	\$ 36,570.00
Luttrell, Karen M	P	University of Southern California (USC)	SCECS Research Collaboration at Louisiana State University	\$ 63,777.00
Persaud, Patricia	P			
Moroney, James V	P	University of Illinois at Urbana-Champaign (UIUC)	RIPE - Realizing Increased Photosynthetic Efficiency for Sustainable Increases in Crop Yield (Phase 2)	\$ 294,800.00
South, Paul	P			
Lipton, Robert P	P	Society of Industrial and Applied Mathematics (SIAM)	SIAM editor-in-chief	\$ 30,000.00
Xie, Weiwei	P	National Science Foundation (NSF)	CAREER: Chemistry Perspectives to Design Novel Superconductors	\$ 18,794.52
Ye, Jinwei	P	National Science Foundation (NSF)	CRII: RI: General Surface Reconstruction via Polarized Computational Imaging	\$ 32,000.00
Chancellor, Jeffery	P	National Aeronautics & Space Administration (NASA)	Integration of in-silico and in-vivo models for determining preclinical indicators and/or integrated biomarkers of radiation-induced vascular dysfunction.	\$ 1,796,018.00
Newhauser, Wayne D	C			
Dorman, James	P	National Science Foundation (NSF)	Collaborative Research: Relating Metal Dopant Location to Catalytic Performance - Hierarchical Oxide Catalysts for CO2 Conversion	\$ 301,365.00
Dooley, Kerry M	C			
Devireddy, Ramachand	P	National Science Foundation (NSF)	RECODE: miRNA directed differentiation of adult stem cells in a tissue-like environment	\$ 1,209,605.00
Gartia, Manas Ranjan	C			
Jung, Jangwook	C			
Martin, Elizabeth Ca	C			
Elgrishi, Noemie	P	American Association for the Advancement of Science (AAAS)	Controlling the reactivity and stability of molecular electrocatalysts through non-covalent interactions	\$ 55,000.00
Vinyard, David	P	National Science Foundation (NSF)	RII Track-4: Tracking assembly intermediates of the Photosystem II oxygen-evolving complex	\$ 149,524.14
Wang, Jianwei	P	Nuclear Regulatory Commission (NRC)	Critical development for modeling dynamics of nuclear fuel materials	\$ 497,988.48
Long, Anna C	P	KIPP New Orleans Schools	Kipp School Extern 2020-2021	\$ 22,634.00
McDonald, Ebony	P	American Library Association	The prevalence of impostor syndrome among practitioners in library or archives fields in the U.S. and Canada	\$ 2,500.00
Collins, Brian	C			
Lindner, Winter	C			
DiMario, Patrick Jos	P	National Science Foundation (NSF)	Mechanisms of nucleolar stress in Drosophila melanogaster	\$ 512,796.00
Bharti, Bhuvnesh	P	National Science Foundation (NSF)	EAGER: Understanding the dispersibility of aging micro/nanoplastics	\$ 248,454.00
Valsaraj, Kalliat T	C			
Ding, Kunlun	P	W. M. Keck Foundation	"Oxygenated Coupling" of Natural Gas	\$ 1,000,000.00
Xu, Ye	C			
Kameshwar, Sabarethinam	P	National Science Foundation (NSF)	Collaborative Research: Cascading effects of tsunami-built-environment-debris interaction on community level building resilience	\$ 289,789.00
Reling, Timothy Thom	P	National Institute of Justice (NIJ)	LA CUB: Louisiana Correcting Underage Behaviors	\$ 247,706.12
Torres, Jose	C			

Winchester, Elizabeth	C				
Wang, Tuo	P	Louisiana State University Agricultural Center	Lignin-Containing Cellulose Nanofibers with Tuned Lignin Content for Diverse Applications	\$	167,901.00
Jung, Jangwook	P	W. M. Keck Foundation	Precision ECM therapeutics for cardiac regeneration by machine learning-guided directed evolution	\$	1,400,000.00
Monroe, William Todd	C				
Rivera-Laos, Mario E	C				
Khonsari, Michael M	P	US Department of Defense (DOD)	A Unified Framework for Predicting Material Degradation	\$	50,000.00
Svensson, Per	P	North American Society for Sport Management (NASSM)	Decision-Making in Sport for Development	\$	2,025.00
Lee, Kisung	P	National Science Foundation (NSF)	RAPID: Investigating Health and Social Media Information Disparities During COVID-19 Pandemic	\$	200,000.00
Lam, Siu Ngan	C				
Knapp, Gerald M	P	Metanoia, Inc.	I.T. Assistance to Metanoia Manor	\$	19,650.00
Ainsworth, Laura	P	Louisiana State University Agricultural Center	CDC Healthy Communities	\$	21,999.60
Moles, Aimee	P				
Rhodes, Judith Lee	P				
Bharti, Bhuvnesh	P	National Science Foundation (NSF)	RII Track-4: Co-assembly of spherical and rod-shaped nanoparticles	\$	165,575.00
Duncan, Susan	P	University of Cincinnati	Engaging Clinicians, People with Aphasia, & Co-Survivors to Develop an Online Mind-Body Program Designed to Increase Resilience & Healing during COVID-19	\$	24,357.20
Lively, Julie Ann	P	University of Florida (UF)	2020-2023 Gulf of Mexico and South Atlantic Greater Amberjack Research Program	\$	109,973.00
Twilley, Robert R	C				
Schneider, Gerald Jo	P	US Department of Defense (DOD)	Collaborative Project: Developing the Concept of the First Benchtop Neutron Diffractometer (BND) - Evaluating Components	\$	20,761.44
Zhang, Rui	P	US Department of Defense (DOD)	Simultaneous beam intensity, energy, number and orientation modulated photon radiotherapy	\$	45,134.08
Chancellor, Jeffery	P	Johns Hopkins University (JHU)	Using human stem-cell derived vascular, neural and cardiac 3D tissues to determine countermeasures for radiation	\$	68,612.00
Arce Amador, Gabriel	P	Texas A&M University	Manufacturing of 3D-Printed, Cost-Effective and Eco-Friendly Innovative Polymer Fiber Reinforced Geopolymer Composites for Sustainable Digital Construction of Civil Infrastructure	\$	250,000.00
Hassan, Marwa Mohamed	C				
Chun, Young Hak	P	KBR, Inc.	Testing and evaluating survival models for predicting aircraft failures	\$	40,000.00
Ding, Kunlun	P	National Science Foundation (NSF)	RII Track-4: Active-site engineering of heterogeneous catalysts for the oxidative coupling of methane	\$	165,964.00
Menon, Shyam K	P	Dept of Navy, Office of Naval Research (ONR)	Particle-resolved Laser Diagnostics for High-speed Multiphase Flow Research	\$	300,075.00
Nikitopoulos, Dimitr	C				
Snyder, Brian F	P	Alliance for Market Solutions (AMS)	Creation of Carbon Negative Jobs via a Revenue-Neutral Carbon Tax	\$	28,061.00
Weil, Frederick D	P	National Science Foundation (NSF)	RAPID: Community Cooperation in Response to the Covid-19 Pandemic.	\$	119,248.00
Khonsari, Michael M	P	Louisiana Tech University (LA Tech)	A Microstructurally-Informed Thermodynamic Framework for Fatigue Failure of Additively manufactured Ti-6Al-4V	\$	135,000.00
Antipov, Yuri	P	US Department of Defense (DOD)	Coupling of thermoelasticity and flight dynamics in modeling of maneuvering high-speed vehicles	\$	49,985.52
Plant, Alisa	P	National Endowment for the Humanities (NEH)	A Humanities Mission Endangered: Sustaining LSU Press	\$	237,318.00

Meng, Xiangyu	P	US Department of Defense (DOD)	Real-Time Modeling and Control of the COVID-19 Pandemic Through Engineering Perspectives	\$	50,000.00
Wicks, Carol M	P	Joseph W. Jones Ecological Research Center at Ichauway	Dynamics of groundwater recharge through mantled karstic systems	\$	6,505.00
Babcock, Steven Lest	P	LA Department of Education (LDOE)	LDOE Focus Group	\$	3,600.00
Krause, John Jason	P	US Department of State (DOS)	Countering WMD Terrorism Threats	\$	447,654.00
Mukhopadhyay, Suprat Brylinski, Michal	P C	Indo-US Science and Technology Forum (IUSSTF)	DeepDrug: Artificial Intelligence for Rapid Drug Discovery for COVID-19	\$	75,239.00
Mukhopadhyay, Supratik	P	National Science Foundation (NSF)	RAPID: COLLABORATIVE RESEARCH: ELUCIDATING THE DYNAMICS OF HOST CELL AND SARS CoV2 INTERACTIONS	\$	8,241.00
Li, Bin	P	LSU Health Sciences Center (LSUHSC) in New Orleans	Data Mining Techniques in Multilevel Mediation Analysis to Explore Health Disparities	\$	102,009.00
Chancellor, Jeffery Newhauser, Wayne D	P C	University of Arkansas for Medical Sciences	An artificial intelligence-driven 3D-printed phantom/organ-on-chip integrated system for development and validation of space radiation countermeasures	\$	863,971.00
Peng, Lu	P	LSU Board of Supervisors	Prototype Development of Blockchain Processing Hardware	\$	50,000.00
Arges, Christopher G Flake, John C	P C	US Department of Energy (DOE)	Innovative membrane-electrocatalyst assemblies that promote the electrochemical carbon dioxide reduction reaction kinetics	\$	1,959,351.00
Dilullo, Danielle Castleberry, Melissa	P C	National Oceanic and Atmospheric Administration (NOAA)	Uniting Sea Grant Visioning Priorities Across Focus Areas: Coordination and Development of Impactful Community Science Programs	\$	74,099.00
Xu, Jian	P	LSU Board of Supervisors	Image through the Dental Crown	\$	75,000.00
Lively, Julie Ann	P	National Oceanic and Atmospheric Administration (NOAA)	National Sea Grant Fisheries and Seafood Workforce Development	\$	60,157.00
Watts, Myriam Evelyn	P	National Oceanic and Atmospheric Administration (NOAA)	Eastern Regional Seafood Safety and Quality Network and Training	\$	22,211.28
Newhauser, Wayne D Chancellor, Jeffery Dey, Joyoni Matthews, Kenneth L Stacy, John Gregory Wang, Wei-Hsung	P C C C C C	Nuclear Regulatory Commission (NRC)	LSU Fellowships Program in Health Physics	\$	400,000.00
Langohr, Ingeborg	P	Louisiana State University Agricultural Center	Mechanisms of Health Benefits of Pea Proteins Concentrate against High-Fat Diet Induced Intestinal Mast Cell Degranulation and Endotoxemia	\$	1,400.00
Guo, Shengmin Meng, Wen Jin	P C	National Aeronautics & Space Administration (NASA)	Meso-scale evaluation of fatigue behavior for titanium parts produced through laser powder-bed fusion (L-PBF) process	\$	733,057.60
Mitchell, Brant Dylan	P	Louisiana Military Department	LANG-LMD - TO 02-2020 - GIS Enterprise Support	\$	139,901.00
Harman, Jason L	P	University of Calgary	Differential responses to pandemic risk: unpacking the description-experience gap in pandemic responses and targeting specific interventions	\$	27,249.00
Guzik, T Gregory Granger, Douglas Jam	P C	Montana State University (MSU)	Eclipse 2024: LSU Pod Lead for the "Nationwide Eclipse Ballooning Program 2021-2025"	\$	249,999.68
Hagen, Scott C Bilskie, Matthew Ver Twilley, Robert R	P C C	Coastal Protection and Restoration Authority (CPRA)	ANNUAL IMPLEMENTATION AND MAINTENANCE OF ASGS / CERA (ADCIRC Surge Guidance System/Coastal Emergency Risks Assessment)	\$	134,752.00

Yang, Seungwon	P	National Science Foundation (NSF)	False Information Events in Social Media during Natural Disasters and their Impacts on Community Resilience	\$	528,607.00
Lam, Siu Ngan	C				
Reams, Margaret Anne	C				
Bentley, Samuel J Sr	P	US Army Research Office (ARO)	Advanced multi-scale microscopic imaging, measurement, and research for the LSU-Defense Partnership	\$	10,000,000.00
Burk, David	C				
Cao, Dongmei	C				
DiMario, Patrick Jos	C				
Ding, Kunlun	C				
Dorman, James	C				
Dutrow, Barbara L	C				
Gartia, Manas Ranjan	C				
Haber, Louis H	C				
Henry, Darrell J	C				
Jin, Rongying	C				
McPeak, Kevin Michae	C				
Meng, Wen Jin	C				
Peterson, Cynthia B	C				
Saghavezhian, Mohammad	C				
Spivey, James Jerome	C				
Zhang, Donghui	C				
Zhang, Jiandi	C				
Lima, Marybeth	P	LSU Board of Supervisors	Prototype Development of 3D Tactile Map	\$	50,000.00
Laine, Roger A	P	LSU Board of Supervisors	Thioglycoside drug development for COVID19 infection and ARDS inflammation.	\$	69,480.00
Wang, Chen	P	LSU Board of Supervisors	Right-In-time Smartphone Privacy Preservation by Verifying the Gripping Hand	\$	50,000.00
Jafari, Navid H	P	National Science Foundation (NSF)	Collaborative Research: Sits: UAV Swarm Robotic Sensors for Assessment of a Coastal Pedosphere	\$	249,843.00
Clayton, Ashley Broo	P	Engagement Scholarship Consortium (ESC)	Promoting College Access in Louisiana through Community Engagement	\$	5,000.00
Bohnert, Adam	P	American Federation for Aging Research	Reversal of age-related mitochondrial damage in the C. elegans germline	\$	98,042.40
Smith, Jada Thomas	P	LA Children's Trust Fund	LCTF 2020-2021 Evaluation and Technical Assistance Services	\$	71,600.00
Winchester, Elizabeth	C				
Noel, Alexandra	P	LSU Health Sciences Center (LSUHSC) in New Orleans	Molecular Mechanisms Underlying Epigenetic Cardiovascular Toxicity Resulting from In Utero Exposure to Second-Hand Smoke	\$	173,165.00
Penn, Arthur L	C				
Hou, Aixin	P	Interstate Shellfish Sanitation Conference	Rapid, cost-effective detection of vibrio in shellfish using loop-mediated isothermal amplification (LAMP)	\$	79,182.00
Blanchard, Leslie Davis	P	St. Charles Parish Public Schools	St. Charles Parish Public Schools professional development for Leadership Retreat	\$	3,000.00
Dicharry, Lacy K	C				
Pojman, John Anthony	P	Louisiana State University Agricultural Center	Film Coating to Aid in Mechanized Transplanting of Pliable Vegetables	\$	21,400.00
Park, Sunggook	P	University of Kansas (KU)	Center of BioModular Multi-scale Systems for Precision Medicine	\$	2,116,470.00
Moldovan, Dorel	C				
Murphy, Michael C	C				
Penny, Matthew	P	California Institute of Technology - Jet Propulsion Laboratory	Exoplanets in the UKIRT Microlensing Survey	\$	89,373.00
Kousoulas, Konstantin	P	National Institutes of Health (NIH)	Genetics and Functions of SARS CoV-2 Spike (S) Glycoprotein in Membrane Fusion.	\$	370,000.00
Chouljenko, Vladimir	C				
Ding, Huangeng	P	American Diabetes Association	SARS-CoV-2 and mitochondrial function	\$	99,990.00
Gilbert, Hunter Brya	P	Institute of Electrical and Electronics Engineers(IEEE)	Facilitating Control System Education in the Online Era	\$	17,712.00
Barbalata, Corina	C				

de Queiroz, Marcio	C				
Dance, Michael	P	LA Department of Wildlife & Fisheries (LDWF)	Tracking inter-basin movement of carp in southern Louisiana	\$	393,000.00
Karki, Bijaya B	P	Tulane University	A combined chemical and physical investigation of metal-silicate reactions in magma oceans	\$	256,821.52
Little, Kristina	P	LA Department of Health (LDH)	Louisiana COVID-19 Emergency Response for Suicide Prevention	\$	104,000.00
Robison, Samuel Berw	C				
Stamps, David	P	Social Science Research Council (SSRC)	Rapid-Response Grants on Covid-19 and the Social Sciences - Black Americans and Community Well-Being	\$	5,000.00
Twilley, Robert R	P	National Oceanic and Atmospheric Administration (NOAA)	Louisiana Sea Grant Pre-Designation Assistance Award LaNERR	\$	48,685.00
Rogers, Morgan Ducot	C				
Bart, Sophie A	P	ISK Biosciences Corporation	ISK Bee Colony Feeding Study #1	\$	2,250.00
Maruska, Karen Patri	P	National Science Foundation (NSF)	IOS: Conference Proposal: Sending and Receiving Signals - Endocrine Modulation of Social Communication	\$	20,183.30
Choi, Jin-Woo	P	University of Texas Health Science Center at Houston	Smart remote monitoring and personalized intervention platform to combat COVID-19 with advanced machine learning	\$	567,116.00
Krause, John Jason	P	US Department of State (DOS)	FY20 - LSU - Combating COVID-19 Pandemic and Proliferation Threats	\$	2,300,992.00
Krause, John Jason	P	US Department of State (DOS)	FY20 - LSU and Partners - Combating COVID-19 Pandemic and Proliferation Threats	\$	3,121,642.00
Guzik, T Gregory	P	LA Board of Regents (BOR)	Regents Support of Louisiana Space Grant College and Fellowship Program, 2020-2024 (LaSPACE)	\$	1,000,000.00
Total				\$	38,310,700

Awards Budgeted by SPA

May 2020

<u>Award ID</u>	<u>Principal Investigator Co-PI(s)</u>	<u>Type</u>	<u>Award Name</u>	<u>Agency</u>	<u>New</u>	<u>Continuing</u>	<u>Total</u>
AWD-000549	O'Brien, David Borue	P	LSUAM Louisiana Notary Exam	Office of the Secretary of State of Louisiana	\$ -	\$ 18,700.00	\$ 18,700.00
AWD-000799	Hooper-Bui, Linda M Polito, Michael John Swenson, Erick M	C P C	LSUAM Linking Community and Food-Web Approaches to Restoration: An Ecological Assessment of Created and Natural Marshes Influenced by River Diversions	US Department of Commerce-NOAA 10	\$ -	\$ 487,472.00	\$ 487,472.00
AWD-001194	Feng, Jiming Strain, George M Cardin, Rhonda Diane	C C P	LSUAM Mouse and Guinea Pig Models for Cytomegalovirus and Herpes Simplex Viruses	Cincinnati Children's Hospital Medical Center	\$ -	\$ 126,306.00	\$ 126,306.00
AWD-001414	Malone, John B Jr Park, Seung-Jong Christofferson, Rebecca Catherine	P C C	LSUAM GeoHealth: A Geospatial Surveillance and Response System Resource for Vector Borne Disease in the Americas	NASA-Goddard Space Flight Center 03	\$ -	\$ 150,228.00	\$ 150,228.00
AWD-002018	Cardin, Rhonda Diane	P	LSUAM Biomedical Research Experience for Veterinary Students	NIH-Office of the Director	\$ -	\$ 63,763.00	\$ 63,763.00
AWD-002053	Persaud, Patricia	P	LSUAM Toward Improved Earthquake Hazard Assessment in Myanmar: Tools, Knowledge and Infrastructure	Society of Exploration Geophysicists (SEG)	\$ -	\$ 43,000.00	\$ 43,000.00
AWD-002079	Cardin, Rhonda Diane Noel, Alexandra Saini, Yogesh Patil, Sonika Dugas, Tammy Renee Jeyaseelan, Samithamby Christofferson, Rebecca Catherine Huang, Weishan Kousoulas, Konstantin G Langohr, Ingeborg	C P P P P C P P C	LSUAM Center for Lung Biology and Disease	NIH-National Institute of General Medical Sciences (NIGMS)	\$ -	\$ 225,119.00	\$ 225,119.00
AWD-002173	Willson, Clinton S	P	LSUAM Operation of CPRA River Model	Coastal Protection & Restoration Authority (CPRA) 15	\$ -	\$ 343,133.00	\$ 343,133.00
AWD-002453	Jafari, Navid H Lam, Siu Ngan	P C	LSUAM RAPID: Collaborative Research: Data Mining and Fusion Between Unmanned Aerial Systems and Social Media Technologies to Improve Emergency Operations	National Science Foundation (NSF)	\$ -	\$ -	\$ -
AWD-002652	Bart, Sophie A	P	LSUAM Colony feeding study evaluating the chronic effects of new molecules on honey bee (Apis mellifera) colony performance under free foraging conditions in North Carolina (EBRF0192)	Bayer CropScience LP 07	\$ 18,648.00	\$ -	\$ 18,648.00

AWD-002674	Liu, Chuanlan Lang, Chunmin	C P	LSUAM Cotton Technologies and Innovations - Applied Learning Activity of Cotton for Students in Textiles, Apparel Design and Merchandising	Cotton Incorporated 04	\$	-	\$	-	\$	-
AWD-002687	Kaiser, Hartmut	P	LSUAM Development of the DCA Application Using HPX	UT-Battelle, LLC 02	\$	-	\$	15,629.00	\$	15,629.00
AWD-002735	Bethel, Matthew Byron	P	LSUAM GFagan_2020 Dean John A. Knauss Marine Policy Fellowship	US Department of Commerce	\$	61,000.00	\$	-	\$	61,000.00
AWD-002776	Shrum, Wesley Monroe Jr	P	LSUAM RAPID: A Comparative Study of How Context Shapes Responses to COVID-19	National Science Foundation (NSF)	\$	100,218.00	\$	-	\$	100,218.00
AWD-002781	Murray, Kermit	P	LSUAM IIBR Instrumentation: Sub-micrometer Resolution Mass Spectrometry Imaging by Deep-UV Laser Ablation and Post-ionization	National Science Foundation (NSF)	\$	836,650.00	\$	-	\$	836,650.00
AWD-002782	Lomnicki, Slawomir Reams, Margaret Anne Cormier, Stephania A Dugas, Tammy Renee Penn, Arthur L Noel, Alexandra Irving, Jennifer Kay Cook, Robert L Khachatryan, Lavrent Sprunger, Phillip	C C P C C C A C C C	LSUAM LSU Superfund Research Center - Environmentally Persistent Free Radicals	NIH-National Institute of Environmental Health Sciences	\$	2,358,737.00	\$	-	\$	2,358,737.00
AWD-002783	Ye, Jinwei	P	LSUAM CRII: RI: General Surface Reconstruction via Polarized Computational Imaging	National Science Foundation (NSF)	\$	175,000.00	\$	-	\$	175,000.00
AWD-002786	Babcock, Steven Lester	P	LSUAM Louisiana Coastal Fellowship Program Outreach and Engagement	LA Dept of Education 26	\$	9,975.00	\$	-	\$	9,975.00
AWD-002788	Subramanian, Ramesh Kousoulas, Konstantin G	C P	LSUAM Investigate the Biological Activity of Antisense Oligos and Virus Like Particles (VLPs) Carrying Cas13a Targeting COVID-19 Spike Glycoprotein	Ximus Biosciences, LLC	\$	10,000.00	\$	-	\$	10,000.00
AWD-002792	Constant, William David Lima, Marybeth	C P	LSUAM Sustainable Playground Additions to Merrydale Elementary School	American Society of Agricultural and Biological Engineers (ASABE)	\$	1,500.00	\$	-	\$	1,500.00
AWD-002794	Sones, Jennifer Liford	P	LSUAM Metabolic Basis of Disease: The Role of Maternal Obesity-driven Inflammation and Adverse Pregnancy Outcomes in a Mouse Model of Preeclampsia	Pennington Biomedical Research Center 02	\$	222,000.00	\$	-	\$	222,000.00
AWD-002801	Kalmoe, Nathan	P	LSUAM Radical American Partisanship: Mapping Extreme Hostility, Its Causes, & Consequence	Democracy Fund	\$	16,000.00	\$	-	\$	16,000.00
AWD-002802	Neubrandner, Frank M	P	LSUAM Environmental Education Initiatives 19-20	LA Dept of Education 26	\$	17,850.00	\$	-	\$	17,850.00

AWD-002803	Palardy, Genevieve Gilbert, Hunter Bryant Waggenpack, Warren Nicholas Jr	P C C	LSUAM Omnidirectional Shock Absorbers for Helmets	LSU Board of Supervisors	\$ 65,000.00	\$ -	\$ 65,000.00
AWD-002824	Lattin, Christine	P	LSUAM Testing the Hypothalamic-pituitary-adrenal Axis as a Mediator of Resistance and Tolerance to Acute Malaria Infection in House Sparrows (Passer Domesticus)	American Ornithological Society (AOS)	\$ 2,500.00	\$ -	\$ 2,500.00
AWD-002825	Brown, Jeremy M	P	LSUAM Collaborative Research: OPUS: CRS: A Synthetic View of Evolutionary Heterogeneity and the Tree of Life	National Science Foundation (NSF)	\$ 112,984.00	\$ -	\$ 112,984.00
AWD-002827	Hymel, Thomas Michael	P	LSUAM LA Fisheries Forward 2020 Summit (LA Seafood Promotions and Marketing Board Support)	LA Dept of Culture, Recreation & Tourism 06	\$ 5,000.00	\$ -	\$ 5,000.00
AWD-002829	Mukhopadhyay, Supratik	P	LSUAM DeepDrug: Artificial Intelligence for Drug Discovery	LSU Board of Supervisors	\$ 75,000.00	\$ -	\$ 75,000.00
AWD-002831	Xue, Zuo	P	LSUAM Assess Hydrological and Sediment's Response to Hurricane Florence (2018) at the Land-Ocean Interaction Zone	US Department of Interior-USGS 04	\$ 99,937.00	\$ -	\$ 99,937.00
AWD-002835	Douthat, Thomas	P	LSUAM Watershed Management for the Capital Region Louisiana Watershed Initiative Regional Capacity Building Grant Program (Region 7)	Capital Region Planning Commission (CRPC) 01	\$ 44,992.00	\$ -	\$ 44,992.00
AWD-002836	Morgan, Tina Renee	P	LSUAM DOTD Census Review	LA Division of Administration-OTS Office of Technology Services 05	\$ 15,000.00	\$ -	\$ 15,000.00
AWD-002837	Costello, Gina Raye Ziegler, Scott	C P	LSUAM ...And 25 of our closest friends: The Louisiana Digital Library as Community-Focused Data	University of Nevada, Las Vegas (UNLV)	\$ 49,846.00	\$ -	\$ 49,846.00
AWD-002838	Mihunov, Volodymyr	P	LSUAM GIS Story Mapping for Rural Parishes	Baton Rouge Area Chamber	\$ 30,240.00	\$ -	\$ 30,240.00
AWD-002841	Mukhopadhyay, Supratik	P	LSUAM DeepDrug: AI-based Drug Discovery for SARS-COV2	Skymount Medical LLC	\$ 60,000.00	\$ -	\$ 60,000.00
AWD-002842	Trahan, Gregory George	P	LSUAM LSU/GOHSEP Personal Protection Equipment Collaboration	LA Homeland Security & Emergency Preparedness (GOHSEP) 08	\$ 300,000.00	\$ -	\$ 300,000.00
AWD-002846	Dance, Michael	P	LSUAM Estimating the absolute abundance of Red Snapper (by age) in the U.S. Gulf of Mexico	Texas A&M University - Galveston	\$ 15,574.00	\$ -	\$ 15,574.00
AWD-002848	Carlson, Douglas Zulqarnain, Muhammad Hughes, Richard G Zeidouni, Mehdi	C C P C	LSUAM Carbon Capture and Underground Storage Shallow Zone Characterization	Shell International Exploration and Production Inc. 01	\$ 239,548.00	\$ -	\$ 239,548.00

AWD-002851	Dallas, Tad Elder, Bret D	P C	LSUAM RAPID: Epidemic control strategies for COVID-19 in age-structured populations: A multi-model approach	National Science Foundation (NSF)	\$ 199,020.00	\$ -	\$ 199,020.00
AWD-002852	Chen, Shengli	P	LSUAM Modelling/Predictions of Break-down Overpressure in Three-dimensional Poroelastic Inclined Borehole	Aramco Services Company (ASC)	\$ 74,872.00	\$ -	\$ 74,872.00
AWD-002853	Johnson, Alyssa	P	LSUAM Exploring the Relationship Between Tubular Lysosomes and Nutrient Metabolism in the Drosophila Midgut	Pennington Biomedical Research Center 02	\$ 30,000.00	\$ -	\$ 30,000.00
AWD-002855	Stamps, David	P	LSUAM LOUIS OER Community Faculty Cohort Program	LA Board of Regents 10	\$ 1,000.00	\$ -	\$ 1,000.00
AWD-002857	James, Charles III	P	LSUAM West Baton Rouge Parish Professional Development 2019 - 2020	West Baton Rouge Parish Schools	\$ 39,853.00	\$ -	\$ 39,853.00
AWD-002860	DiCarlo, Cynthia F Barnes, Angela Wayne	P C	LSUAM Louisiana Early Childhood Key Training Modules - Effective Adult-Child Interactions	LA Dept of Education 27	\$ 10,000.00	\$ -	\$ 10,000.00
AWDC-000190	Singh, Parampreet	P	LSUAM Career: Explorations in Quantum Gravity: Cosmological and Black Hole Spacetime	National Science Foundation (NSF)	\$ 22,910.00	\$ -	\$ 22,910.00
AWDC-000562	Ditusa, John F	P	LSUAM Dr. Wayne Newhauser as Chief of Medical Physics at MBPCC	Mary Bird Perkins Cancer Center	\$ -	\$ 21,222.00	\$ 21,222.00
AWDC-000642	Matthews, Bobby Lynn	P	LSUAM Pre-Assessment Notary Test	Office of the Secretary of State of Louisiana	\$ -	\$ 5,840.00	\$ 5,840.00
AWDC-000873	Schafer, Kenneth J	P	LSUAM Strong Field Laser Matter Interactions at Mid-Infrared Wavelengths	Ohio State University 02	\$ -	\$ 180,001.00	\$ 180,001.00
AWDC-001246	Winter, Ty Whitney	P	LSUAM InfraGard	Federal Bureau of Investigation	\$ 334,208.00	\$ -	\$ 334,208.00
AWDC-001362	Tsai, Frank Tsung-Chen	P	LSUAM Louisiana Water Resources Research Institute 104B	US Department of Interior-USGS 03	\$ -	\$ 125,000.00	\$ 125,000.00
Grand Total					\$ 5,655,062	\$ 1,805,413	\$ 7,460,475

Comparison of Proposal Data for past 3 years

May 2020

Colleges	Cumulative as of May 2018		Cumulative as of May 2019		Cumulative as of May 2020	
	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested	Proposals Submitted	Funds Requested
Academic Services	2.00	\$ 130,968.58	1.90	\$ 113,466.88	4.20	\$ 394,904
Administrative	21.26	\$ 4,379,723.35	27.27	\$ 4,848,571.38	7.60	\$ 22,136,017
Auxiliaries	0.25	\$ 45,247.50	0.00	\$ -	0.00	\$ -
Centers and Institutes	12.49	\$ 2,087,951.89	15.18	\$ 3,803,235.00	4.97	\$ 2,454,234
Center for Energy Studies	6.63	\$ 907,960.05	6.30	\$ 752,350.35	9.10	\$ 1,132,959
College of Humanities and Social Sciences	117.03	\$ 25,256,218.42	110.09	\$ 20,138,060.79	100.06	\$ 18,322,285
College of Human Sciences and Education	60.64	\$ 52,012,634.80	77.85	\$ 27,190,199.60	72.65	\$ 31,646,599
College of Music and Dramatic Arts	2.50	\$ 103,475.00	4.45	\$ 589,876.00	3.70	\$ 164,638
College of Agriculture	6.88	\$ 1,009,532.80	9.97	\$ 1,918,936.98	8.09	\$ 2,920,565
College of Art and Design	12.64	\$ 539,121.98	10.90	\$ 1,164,254.20	21.29	\$ 3,193,481
College of Business	23.70	\$ 2,923,326.40	18.15	\$ 3,835,605.30	14.45	\$ 4,289,392
College of Engineering	399.97	\$ 143,120,427.75	320.54	\$ 154,761,242.18	380.63	\$ 124,009,184
College of Science	326.11	\$ 129,890,160.38	284.59	\$ 122,806,942.22	308.61	\$ 112,141,650
Continuing Education	10.00	\$ 2,500,271.50	6.00	\$ 1,108,784.90	2.72	\$ 1,866,067
Center for Computation and Technology	1.36	\$ 1,128,887.36	0.25	\$ 69,009.00	3.10	\$ 871,489
Facility and Property Oversight	1.00	\$ 9,470.00	1.00	\$ 8,000.00	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	0.90	\$ 4,365.00	0.00	\$ -	0.28	\$ 291,536
Libraries	2.50	\$ 10,986.74	2.00	\$ 43,844.00	2.67	\$ 54,952
Museums	0.00	\$ -	0.00	\$ -	0.10	\$ 10,000
Louisiana Sea Grant	61.56	\$ 10,420,084.38	39.32	\$ 4,979,010.46	84.25	\$ 5,711,988
VP Research and Economic Development	2.88	\$ 3,038,361.55	3.40	\$ 309,489.10	3.25	\$ 3,725,058
College of the Coast and Environment	65.43	\$ 16,605,910.53	103.88	\$ 57,936,727.48	111.27	\$ 56,188,455
School of Mass Communication	4.45	\$ 1,331,223.30	4.21	\$ 739,892.41	15.62	\$ 846,463
School of Veterinary Medicine	127.77	\$ 64,107,878.74	122.40	\$ 77,612,190.90	106.09	\$ 50,518,014
SNCSRT	41.00	\$ 46,147,043.09	36.30	\$ 36,990,677.00	41.80	\$ 14,377,208
Student Services	0.20	\$ 199,971.00	2.15	\$ 166,500.00	0.00	\$ -
University College	2.00	\$ 360,757.00	4.00	\$ 688,043.00	4.00	\$ 1,338,702
VP Strategic Initiatives	5.85	\$ 8,214,666.50	7.33	\$ 3,300,724.38	3.11	\$ 2,367,463
Paul M. Hebert Law Center	0.10	\$ 799,962.40	0.00	\$ -	1.00	\$ 1,148
Athletic Department	0.00	\$ -	1.70	\$ 8,587.50	0.00	\$ -
Total as of May	1321.00	\$ 517,638,088	1223.00	\$ 526,592,721	1317.00	\$ 461,668,831
Total of Fiscal Year	1450.00	\$ 573,620,388	1342.00	\$ 611,052,234	--	--

Footnote: Updated on 9/15/2020 to correct Cumulative Proposal amounts from \$462,228,862 to \$461,668,831.

Comparison of Award Data for past 3 years

May 2020

College	Cumulative as of May 2018			Cumulative as of May 2019			Cumulative as of May 2020		
	May - New (2018)	Continuing (2018)	May - Total (2018)	May - New (2019)	Continuing (2019)	May - Total (2019)	May - New (2020)	Continuing (2020)	May - Total (2020)
Academic Services	\$ 701,173.00	\$ 131,965.00	\$ 833,138.00	\$ 1,090,534.00	\$ 163,990.00	\$ 1,254,524.00	\$ 521,648.00	\$ (51,862.00)	\$ 469,786.00
Administrative	\$ 1,885,255.00	\$ 15,000.00	\$ 1,900,255.00	\$ 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	\$ 69,009.00	\$ 74,911.00	\$ 143,920.00	\$ 49,406.00	\$ 90,542.00	\$ 139,948.00
Center for Energy Studies	\$ 222,221.00	\$ 97,596.00	\$ 319,817.00	\$ 556,737.00	\$ 29,698.00	\$ 586,435.00	\$ 211,247.00	\$ -	\$ 211,247.00
Centers and Institutes	\$ 819,610.00	\$ 95,046.00	\$ 914,656.00	\$ 1,178,257.00	\$ 949,452.00	\$ 2,127,709.00	\$ 2,091,782.00	\$ 1,806,061.00	\$ 3,897,843.00
College of Agriculture	\$ 220,704.00	\$ 28,000.00	\$ 248,704.00	\$ 31,500.00	\$ 5,689.00	\$ 37,189.00	\$ 100,635.00	\$ 35,489.00	\$ 136,124.00
College of Art and Design	\$ 78,626.00	\$ -	\$ 78,626.00	\$ (288,906.00)	\$ -	\$ (288,906.00)	\$ 127,200.00	\$ 55,804.00	\$ 183,004.00
College of Business	\$ 2,411,271.00	\$ 2,913.00	\$ 2,414,184.00	\$ 458,916.00	\$ 98,981.00	\$ 557,897.00	\$ 6,243,048.00	\$ 8,833.00	\$ 6,251,881.00
College of Engineering	\$ 14,768,386.00	\$ 5,006,790.00	\$ 19,775,176.00	\$ 27,963,200.00	\$ 7,437,796.00	\$ 35,400,996.00	\$ 9,522,674.00	\$ 10,541,768.00	\$ 20,064,442.00
College of Human Sciences and Education	\$ 2,543,316.00	\$ 710,086.00	\$ 3,253,402.00	\$ 1,837,785.00	\$ 917,265.00	\$ 2,755,050.00	\$ 4,354,560.00	\$ 1,660,508.00	\$ 6,015,068.00
College of Humanities and Social Sciences	\$ 1,752,673.00	\$ 1,719,598.00	\$ 3,472,271.00	\$ 2,506,785.00	\$ 1,067,074.00	\$ 3,573,859.00	\$ 1,715,581.00	\$ 1,340,992.00	\$ 3,056,573.00
College of Music and Dramatic Arts	\$ 93,150.00	\$ 16,000.00	\$ 109,150.00	\$ 69,999.00	\$ 32,000.00	\$ 101,999.00	\$ 186,811.00	\$ 24,800.00	\$ 211,611.00
College of Science	\$ 13,748,764.00	\$ 10,315,332.00	\$ 24,064,096.00	\$ 13,167,776.00	\$ 11,546,975.00	\$ 24,714,751.00	\$ 20,003,301.00	\$ 10,320,376.00	\$ 30,323,677.00
College of the Coast and Environment	\$ 7,140,897.00	\$ 1,800,885.00	\$ 8,941,782.00	\$ 858,200.00	\$ 3,564,030.00	\$ 4,422,230.00	\$ 3,380,852.00	\$ 957,562.00	\$ 4,338,414.00
Continuing Education	\$ 1,036,446.00	\$ -	\$ 1,036,446.00	\$ 2,537,433.00	\$ 250,000.00	\$ 2,787,433.00	\$ 1,287,141.00	\$ 250,000.00	\$ 1,537,141.00
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	\$ 29,132.00	\$ -	\$ 29,132.00	\$ 2,160.00	\$ -	\$ 2,160.00	\$ 79,632.00	\$ -	\$ 79,632.00
Louisiana Sea Grant	\$ 1,521,377.00	\$ 237,871.00	\$ 1,759,248.00	\$ 1,839,962.00	\$ 536,141.00	\$ 2,376,103.00	\$ 1,292,464.00	\$ 836,218.00	\$ 2,128,682.00
Museums	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Paul M. Hebert Law Center	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
School of Mass Communication	\$ 299,669.00	\$ -	\$ 299,669.00	\$ 41,460.00	\$ 189,004.00	\$ 230,464.00	\$ 57,233.00	\$ 11,220.00	\$ 68,453.00
School of Veterinary Medicine	\$ 2,970,835.00	\$ 3,520,125.00	\$ 6,490,960.00	\$ 6,021,358.00	\$ 3,028,504.00	\$ 9,049,862.00	\$ 8,608,424.00	\$ 3,539,567.00	\$ 12,147,991.00
SNCSRT	\$ 25,308,020.00	\$ 6,885,429.00	\$ 32,193,449.00	\$ 29,638,287.00	\$ 7,143,042.00	\$ 36,781,329.00	\$ 31,611,550.00	\$ 2,472,624.00	\$ 34,084,174.00
Student Services	\$ 225,360.00	\$ 21,375.00	\$ 246,735.00	\$ 21,375.00	\$ -	\$ 21,375.00	\$ -	\$ -	\$ -
University College	\$ 337,838.00	\$ 360,757.00	\$ 698,595.00	\$ -	\$ 673,043.00	\$ 673,043.00	\$ -	\$ 698,104.00	\$ 698,104.00
VP Research and Economic Development	\$ -	\$ 70,000.00	\$ 70,000.00	\$ 155,157.00	\$ -	\$ 155,157.00	\$ 300,000.00	\$ -	\$ 300,000.00
VP Strategic Initiatives	\$ 1,285,990.00	\$ -	\$ 1,285,990.00	\$ 235,898.00	\$ 588,551.00	\$ 824,449.00	\$ 5,000.00	\$ 987,667.00	\$ 992,667.00
Athletics	\$ -	\$ -	\$ -	\$ 8,588.00	\$ -	\$ 8,588.00	\$ -	\$ -	\$ -
Total as of May	\$ 79,903,713.00	\$ 31,314,679.00	\$ 111,218,392.00	\$ 90,058,470.00	\$ 40,910,076.00	\$ 130,968,546.00	\$ 91,792,939.00	\$ 38,255,453.00	\$ 130,048,392.00
Total of Fiscal Year		\$134,694,428			\$150,299,926			\$0	

Comparison of Expenditure Data for past 3 years

May 2020

First Level Cost Center Hierarchy	May-2018	FY 2018	May-2019	FY 2019	May-2020
Athletics	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ -
Assoc VP Administration and IT/CIO	\$ 28,500	\$ 28,500	\$ -	\$ -	\$ -
Center for Academic Success	\$ -	\$ -	\$ -	\$ -	\$ 150,267
Center for Computation and Technology	\$ 1,764,881	\$ 1,953,245	\$ 2,276,815	\$ 2,248,123	\$ 2,047,008
Center for Energy Studies	\$ 655,260	\$ 789,828	\$ 457,957	\$ 484,846	\$ 306,233
Centers and Institutes	\$ 1,781,709	\$ 1,984,838	\$ 1,623,562	\$ 1,880,332	\$ 1,706,544
College of Agriculture	\$ 337,344	\$ 405,921	\$ 405,091	\$ 415,554	\$ 218,485
College of Art and Design	\$ 8,878	\$ 26,556	\$ 36,900	\$ 37,346	\$ 9,550
College of Business	\$ 3,992,145	\$ 4,472,010	\$ 3,582,805	\$ 4,071,448	\$ 3,935,514
College of Engineering	\$ 19,361,141	\$ 23,368,054	\$ 21,590,018	\$ 24,616,113	\$ 19,311,571
College of Human Sciences and Education	\$ 2,528,436	\$ 3,010,674	\$ 2,243,918	\$ 2,783,420	\$ 3,426,060
College of Humanities and Social Sciences	\$ 3,613,661	\$ 4,333,919	\$ 3,169,671	\$ 3,786,509	\$ 2,548,635
College of Music and Dramatic Arts	\$ 33,948	\$ 74,043	\$ 29,726	\$ 83,726	\$ 59,865
College of Science	\$ 20,671,344	\$ 24,650,335	\$ 20,762,003	\$ 24,816,747	\$ 20,090,763
College of the Coast and Environment	\$ 6,689,689	\$ 7,960,008	\$ 5,894,293	\$ 6,908,906	\$ 6,222,232
Continuing Education	\$ 1,420,354	\$ 1,499,484	\$ 1,556,104	\$ 2,116,247	\$ 806,101
Dean of Students	\$ -	\$ -	\$ -	\$ -	\$ -
Executive VP and Provost	\$ 4,586	\$ 6,583	\$ -	\$ -	\$ -
Facility and Property Oversight	\$ -	\$ -	\$ -	\$ -	\$ -
Graduate School	\$ 723,009	\$ 772,507	\$ 685,214	\$ 720,879	\$ 614,194
Human Resource Management	\$ 13,020	\$ 112,070	\$ (102)	\$ (102)	\$ -
Information Technology Services	\$ 1,405,367	\$ 1,514,178	\$ 1,708,097	\$ 1,868,326	\$ 2,692,692
International Programs	\$ 48,392	\$ 62,365	\$ 41,858	\$ 58,646	\$ 55,620
LSU Online	\$ -	\$ -	\$ -	\$ -	\$ 155,160
LSU Police	\$ -	\$ 12,179	\$ 712	\$ 712	\$ -
Libraries	\$ 631	\$ 3,642	\$ 14,485	\$ 14,755	\$ 52,175
Louisiana Sea Grant	\$ 2,476,954	\$ 2,909,819	\$ 2,977,961	\$ 3,305,936	\$ 2,691,935
NCBRT	\$ -	\$ -	\$ -	\$ -	\$ 22,872,390
Paul M. Hebert Law Center	\$ 3,073	\$ 3,073	\$ -	\$ -	\$ (21)
SNCSRT	\$ 30,638,981	\$ 34,396,284	\$ 31,956,611	\$ 36,144,375	\$ 8,814,120
School of Mass Communication	\$ 259,742	\$ 260,501	\$ 433,485	\$ 438,895	\$ 309,564
School of Veterinary Medicine	\$ 9,990,362	\$ 11,775,026	\$ 10,719,368	\$ 13,357,789	\$ 10,854,267
Student Health Center	\$ 212,603	\$ 227,296	\$ 32,192	\$ 33,973	\$ 2,559
University College	\$ 631,011	\$ 697,647	\$ 628,262	\$ 687,492	\$ 623,063
VP Research and Economic Development	\$ 50,505	\$ 51,460	\$ 122,526	\$ 155,327	\$ 105,504
VP Strategic Initiatives	\$ 904,419	\$ 1,119,522	\$ 1,009,102	\$ 1,174,082	\$ 1,263,989
VP Student Affairs	\$ -	\$ -	\$ -	\$ -	\$ 31,837
VProvost Academic Programs and Support Services	\$ 1,198,087	\$ 1,424,849	\$ 1,183,187	\$ 1,369,785	\$ 445,648
Total	\$ 111,448,033	\$ 129,906,418	\$ 115,146,822	\$ 133,585,187	\$ 112,423,522

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

Note: NCBRT was part of SNCSRT which will report separately since May 2020.