



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

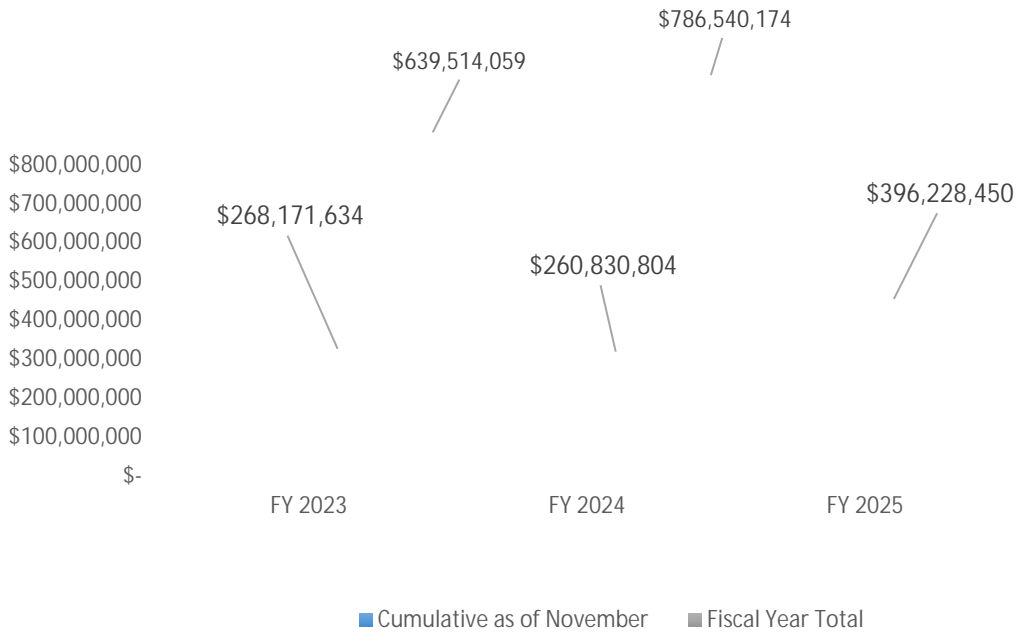
November 2024

Comparison Charts of Proposal/Award/E (a)6.96AM(a)641L8/MCI52.4 (C-2.4 (/)i1.6 (d)

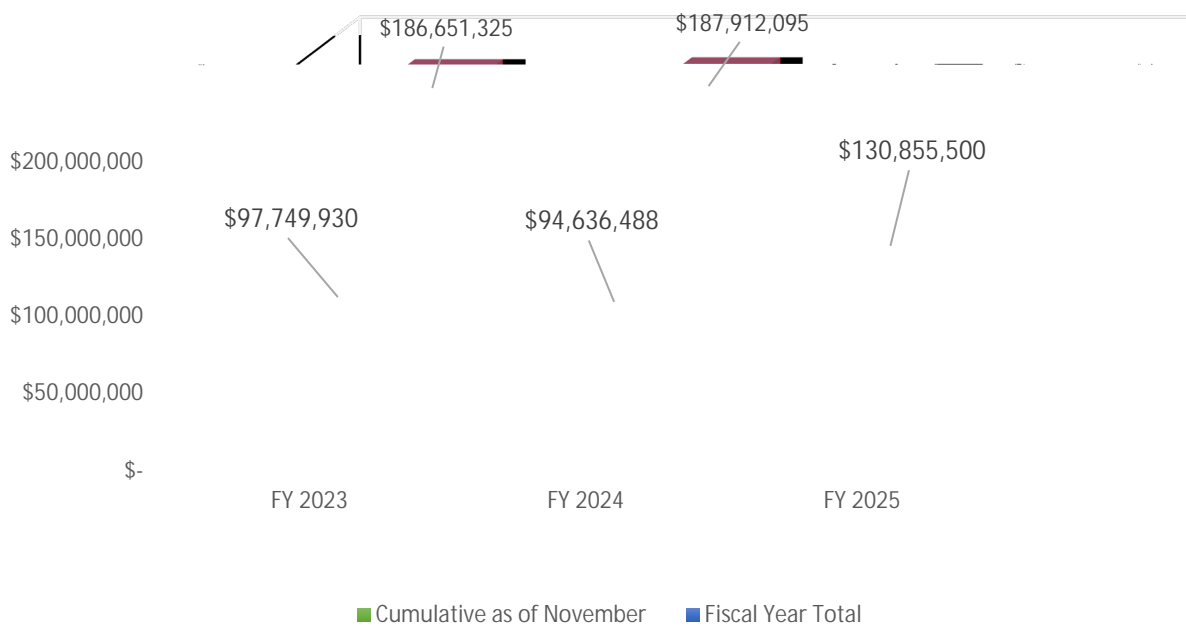


Comparison of Proposal & Award & Expenditure Data for past 3 years

Comparison of Proposal Data for past 3 years

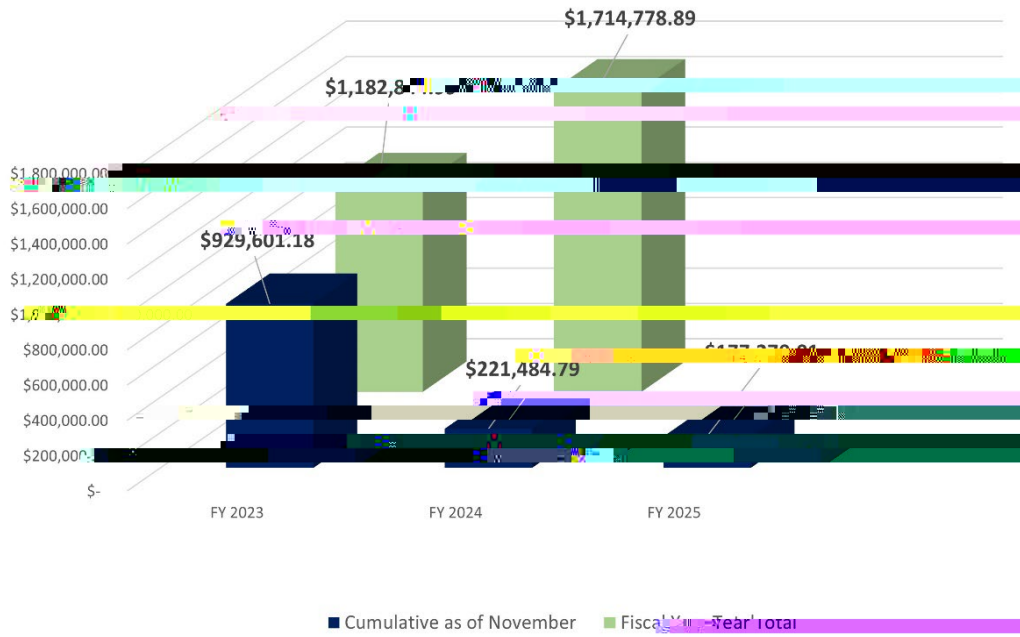


Comparison of Award Data for past 3 years





Comparison of Total Revenue for Licensing of Intellectual Property



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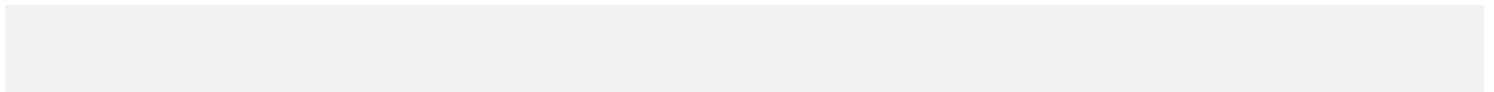
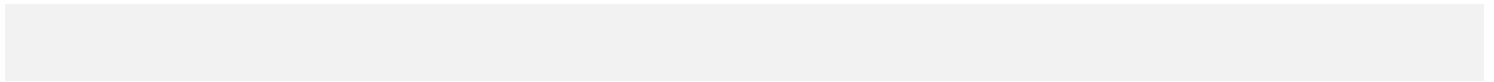
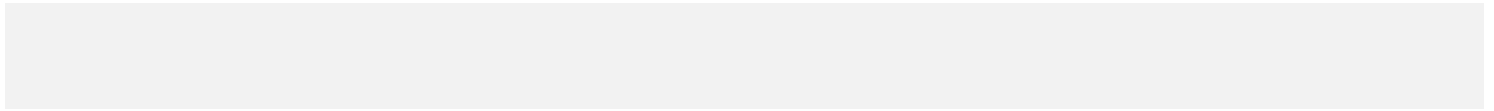
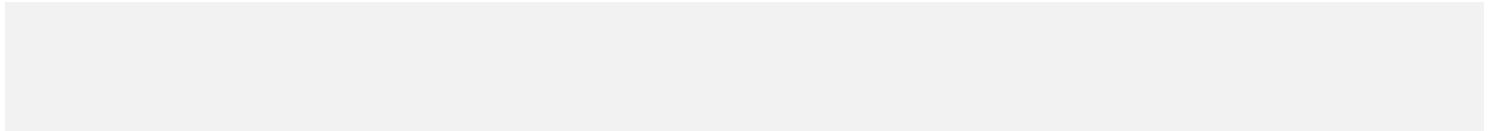
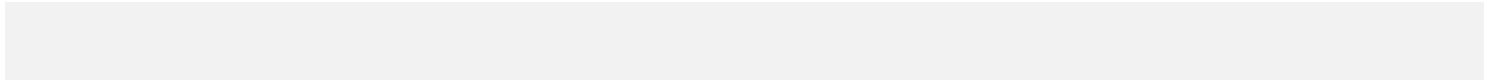
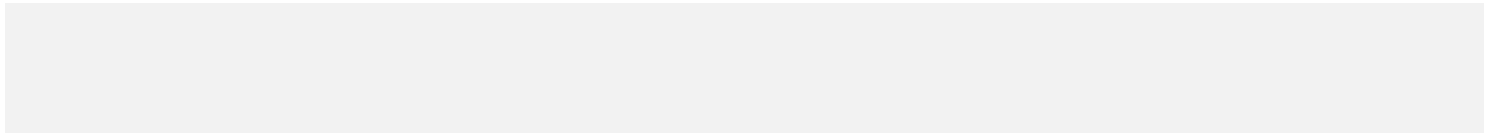
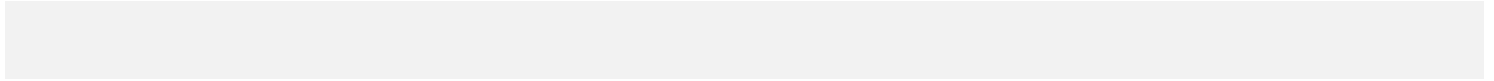
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Lucas, Olivia	P	LA Board of Regents (BOR)	Suffering, Faith, and Retribution in the Music of Lingua Ignota	\$	26,446.00
Schneider, Helmut Hutchinson, Cory John	P C	Carfax, Inc.	Provide Vehicle Information to Carfax, Inc.	\$	208,000.00
Schneider, Helmut Hutchinson, Cory John	P C	Experian Automotive	Provide Vehicle Information to Experian Automotive	\$	208,000.00
Chatzopoulos, Emmanouil Frank, Juhan	P C	National Science Foundation (NSF)	Radiation Hydrodynamics of Merging Stars	\$	540,800.00
Qian, Yufeng Jasim, Mahmood Mukhopadhyay, Supratik Neubrandner, Frank M	P C C C	National Science Foundation (NSF)	AI-Powered Problem Generation Tool for College Algebra: Enhancing Pass Rate and Fostering Algebraic Thinking	\$	875,379.00
Lee, Kisung	P	LA Board of Regents (BOR)	Investigating the effects of community detection for graph representation learning	\$	20,000.00
Fears, Nicholas E Haebig, Eileen	P O	LA Board of Regents (BOR)	Quantifying the impact of visuomotor planning and execution during activities of daily living in autistic children	\$	198,875.00
Wu, Hsiao-Chun	P	LA Board of Regents (BOR)	High-Dimensional Data Analysis for Future Machine Learning and Artificial Intelligence	\$	20,000.00
Farheen, Tasnuva	P	LA Board of Regents (BOR)	A Comprehensive Framework for Thermal Effects and Security Vulnerability Analysis in Multi-chiplet Heterogeneous System	\$	200,000.00
Wang, Yanyu	P	LA Board of Regents (BOR)	Equity-Driven Disaster Resilience: A Community-Centric Approach for Predicting and Mitigating Disaster Impacts	\$	189,463.00
Bohnert, Adam Johnson, Alyssa	P P	National Institutes of Health (NIH)	Mechanisms of tubular lysosome induction in animal health and longevity	\$	1,864,075.00
Patrascu, Flavia-Ioana	P	LA Board of Regents (BOR)	Preparing for the Next Crisis: Integrative Intelligent Systems for Enhanced Resilience	\$	199,952.00
Bappy, Mahathir Mohammad	P	USDA National Institute of Food and Agriculture (NIFA)	FOCUS: Food Supply Chain Optimization and Community Understanding for Storm Resilience - Lessons from Hurricane Helene and Francine	\$	300,000.00
Bivins, Aaron Deng, Zhiqiang	P C	US Environmental Protection Agency (EPA)	AI-SAM to Predict Enterococci Lng elo neNglke Hrot cano anin		

Wagner, Clifton Lewis	P	LA Board of Regents (BOR)	Synthesis of silylsubstituted borazines and aluminazines as precursors to functionalized hexagonal triel nitrides	\$	172,060.00
Griffin, Lauren Horn	P	Carnegie Corporation of New York	AI and Religious Nationalism: How AI Encourages and Challenges Polarizing Nationalist Sentiments	\$	192,499.00
Hart, Craig	P	National Science Foundation (NSF)	Analyzing the role of a chromatin domain insulator binding protein in promoter function	\$	782,965.00
Dey, Joyoni Bundi, Purity	P C	Schlumberger Foundation, Inc.	Predicting Cancer Therapy Outcome Using Mathematical Models of Tumor Growth and Response to Treatment	\$	49,938.00
Bohnert, Adam Zhang, Fan Khachatryan, Lavrent	P P C	National Institutes of Health (NIH)	Regulation of aging hallmarks by environmentally persistent free radicals	\$	2,373,842.00
Meng, Xiangyu Pothapragada, Pranav	P C	National Aeronautics & Space Administration (NASA)	Autonomous Rover-Drone Hybrid System for Remote Infrastructure Inspection	\$	77,933.00
Hooper-Bui, Linda M Lomnicki, Slawomir	P C	Florida State University (FSU)	LSU Tyler International Program for Scholars (LSU TIPS)	\$	20,000.00
Zhang, Fan Chung, SeYeon Lu, Rui Mohamed, Ahmed	P C C C	National Science Foundation (NSF)	MRI: Acquisition of a large particle sorter for multiple disciplinary research and education at LSU	\$	872,520.00
Buckner, Julia D	P	University of Houston (UH)	A Smartphone-Based Application to Reduce Cannabis-Related Disparities Among Black Individuals Who Use Cannabis	\$	424,493.00
Meng, Xiangyu Ahmed, Amaal Moheyelden Mahmoud	P C	National Aeronautics & Space Administration (NASA)	Utilization Intelligent drone in Geothermal Detection: Using Remote sensing (RS) data and artificial intelligence (AI)	\$	77,894.00
Johnson, Alyssa Gilbert, Nathaniel Carson	P C	National Institutes of Health (NIH)	Engineering a small cell-penetrating peptide that can promote healthy aging	\$	409,586.00
Williams, Tyrslai Menyae	P	National Science Foundation (NSF)	NSF Intergovernmental Personnel Act - Tyrslai Williams-Carter	\$	117,700.00
Meng, Xiangyu Han, Yunpeng	P C	National Aeronautics & Space Administration (NASA)	State-Level Digital Twin for Optimizing Hurricane Evacuations in Louisiana	\$	79,069.00
Meng, Xiangyu Mehdizadeh, Safoura	P C	National Aeronautics & Space Administration (NASA)	Optimized Drone-Assisted System for Real-Time Insect Density Analysis and Survivor Detection in Post-Disaster Environments Using Multi-Sensor Data and Genetic Algorithms	\$	76,594.00
Calamia, Matthew Ray Lovato, Hannah M	P C	Psi Chi	Evaluating Visual and Everyday Functioning Measures Through Tele-Neuropsychology Versus Face-To-Face	\$	934.00
Glaspie, Cassandra Bargu Ates, Sibel Sutor, Malinda Marie	P C C	The Water Institute of the Gulf (TWIG)	LOWER TROPIC LEVEL MONITORING FOR BARATARIA BASIN (LTL PHASE 2.2)	\$	746,055.00
Xue, Zuo Lam, Siu Ngan	P C	National Science Foundation (NSF)	Collaborative Research: Planning: AI-Ready Test Bed for Compound Flooding Forecast and Urban Resilience	\$	69,966.00
Robinson, Petra	P	Carnegie Corporation of New York	Advancing Critical Literacy to Address Political Polarization in the United States through the Critical Literacies Advancement Model	\$	199,995.00
Sun, Chao Su, Yen Fang	P C	US Department of Energy (DOE)	Integrated Computationally Efficient Models and Additive Manufactured Lightweight Materials for Next-Generation High-performance Low-Cost Floating Wind Turbines	\$	1,499,892.00

Desmond, J Michael	P	LA Board of Regents (BOR)	Frank Lloyd Wright and American Pragmatism: The Horizons of Experience	\$	50,000.00
Pettrey, Katherine	P	National Aeronautics & Space Administration (NASA)	Space Tigers Artificial Gravity Experiment	\$	20,899.00
Kato, Naohiro	P	National Science Foundation (NSF)	C2M: Converting CO2 to Medicine - Microalgae-Based Production of Fucoxanthinol for Anti-Inflammatory Therapy	\$	123,338.00
Guerrero-Plata, Maria A Carossino, Mariano Hasan, Md Mehedi	P C C	National Institutes of Health (NIH)	Role of Neutrophils in Respiratory Pneumovirus Infection	\$	400,848.00
Lomnicki, Slawomir	P	Louisiana State University Agricultural Center	ECLIPSE-PFAS: Decomposition of PFAS at atmospheric pressures in microwave-generated continuous flow plasma		



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Awards Budgeted by SPA

Award ID	Principal Investigator Co-PI(s)	Type	Award Name	Agency	New		
AWD-003645	Kousoulas, Konstantin G Francis, Joseph Su, Shang	C P P	LSUAM Center for Pre-Clinical Cancer Research	NIH-National Institute of General Medical Sciences (NIGMS)	\$		
AWD-004103	Gonzalez, Gabriela	P	LSUAM Data Handling and	Unaa8 (S)-4.6 (hanç			

AWD-006334	Cohen, Alex S	P	LSUAM Developing speech biomarkers for clinical trials	Quantic Innovations, Inc.	\$	14,646.00	\$	-	\$	14,646.00
AWD-006364	Maas, Andrew J Greenwood, Bryan L	C P	LSUAM LED LSBDC EDA CARES Act Training Pilot	LA Dept of Economic Development (LED) 08	\$	30,000.00	\$	-	\$	30,000.00
AWD-006447	Monier, Jerry T Jr Dicharry, Lacy Comeaux, Tyler	A C P	LSUAM FY24 Louisiana State University Microgrant	US Department of Justice-Office of Community Oriented Policing Services (COPS)	\$	175,000.00	\$	-	\$	175,000.00
AWD-006448	Tzanov, Martin Mihaylov Wei, Hanyu Kutter, Thomas J	C C P	LSU Research in Elementary Particle Physics	US Department of Energy (DOE)	\$	405,000.00	\$	-	\$	405,000.00
AWD-006452	Burns, Eric	P	LSUAM Collaborative Research: New Windows on the Dynamic Universe with the Vera C. Rubin Observatory, the InterPlanetary Network, and the International Gravitational Wave Network	National Science Foundation (NSF)	\$	328,623.00	\$	-	\$	328,623.00
AWD-006453	Negro, Michela	P	LSUAM The Fermi Light Curve Repository	NASA-Goddard Space Flight Center 03	\$	14,098.00	\$	-	\$	14,098.00
AWD-006458	Xu, Amy	P	LSUAM Phase behavior of proteins in crowded environments	NIH-National Institute of General Medical Sciences (NIGMS)	\$	441,108.00	\$	-	\$	441,108.00
AWD-006464	Herbert, Robert	P	LSUAM Soft, Sensor-Embedded Cerebral Aneurysm Model Towards Predicting Rupture Risks	Brain Aneurysm Foundation	\$	30,000.00	\$	-	\$	30,000.00
AWD-006469	Brown, Vincent Douthat, Thomas	C P	LSUAM RII Track-2 FEC: Reversing Disproportionate Impacts of Hydroclimatic Extremes in Water-Rich Regions via Justice-Minded Research and Collaborative Adaptation Planning	University of Louisiana at Lafayette (ULL) 03	\$	323,286.00	\$	-	\$	323,286.00
AWD-006471	Oetting, Janna B	P	LSUAM Pediatric HIV/AIDS	Harvard T.H. Chan	\$	8,300.00				-8.5 L

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AWD-006482	Elseifi, Mostafa A	P	LSUAM Effective Implementation of Electric Scooters as a Shared Micro-Mobility Systems on University Campuses	Skinny Labs Inc (dba: Spin)	\$	75,000.00	\$	-	\$	75,000.00
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AWD-006486

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AWD-005709	Daigle, Melissa Trosclair Pace, Niki LeAnnette Bethel, Matthew Byron	C C P	LSUAM A living shoreline design approach supporting the Pointe-au-Chien Tribe's climate adaptation efforts	National Academy of Sciences	\$	-	\$	331,190.00	\$	331,190.00
AWD-006481	Lively, Julie Ann	P	LSUAM A/MTR-02 Sea Grant's Role in Better BRDs: Years 4-6 Phase 1 &2	US Department of Commerce-NOAA 05	\$	532,610.00	\$	-	\$	532,610.00
AWD-006470	Mitchell, Brant Dylan	P	LSUAM Lafayette Parish Emergency Operations Plan (EOP)	Lafayette City-Parish Consolidated Government (LCG)	\$	64,500.00	\$	-	\$	64,500.00
AWD-006457	Leise, Britta Sigrid Catunda, Antonio Pinho Neto	C P	LSUAM Effects of mTOR Signaling Pathway Inhibitors on Stimulated Equine Epidermal Cells as a Potential Therapy for Equine Laminitis	Morris Animal Foundation	\$	142,917.00	\$	-	\$	142,917.00
AWD-006467	Lathan, Patty	P	LSUAM A 2 Phase Pilot study to evaluate the effectiveness, dose, and field safety of SB-010 as a therapy for the management of Diabetes Mellitus in Dogs	Scout Bio, Inc.	\$	244,100.00	\$	-	\$	244,100.00
AWD-004929	Huang, Weishan	P	LSUAM Biomaterials for Targeted Modulation of Conventional Type 1 Dendritic Cells	University of Illinois 03	\$	-	\$	80,059.00	\$	80,059.00
AWD-004695	Givens, Stephanie Reber	P	LSUAM LSU Upward Bound - Tara High School EBR	US Department of Education	\$	-	\$	309,501.00	\$	309,501.00
AWD-004708	Givens, Stephanie Reber	P	LSUAM LSU Upward Bound - Woodlawn High School EBR	US Department of Education	\$	-	\$	309,501.00	\$	309,501.00
AWD-004716	Givens, Stephanie Reber	P	LSUAM LSU Upward Bound - Coastal Rural	US Department of Education	\$	-	\$	299,038.00	\$	299,038.00
AWD-003202	Landry, Shauna	P	LSUAM SSS Grant Application	US Department of Education	\$	-	\$	417,176.00	\$	417,176.00

Comparison of Expenditure Data for past 3 years

November 2024

First Level Cost Center Hierarchy	Nov-2022	FY 2023	Nov-2023	FY 2024	Nov-2024
Academic Affairs	\$ 372,410	\$ 1,644,224	\$ 814,922	\$ 3,584,085	\$ 1,251,551
Administrative	\$ 24,208	\$ 54,962	\$ 2,216	\$ 12,999	\$ 11,435
Athletics	\$ -	\$ 9,999	\$ -	\$ -	\$ -
Centers and Institutes	\$ 907,152	\$ 10,101,170	\$ 1,313,127	\$ 4,482,117	\$ 2,260,787
Centralized Expenditures	\$ -	\$ -	\$ (13,571)	\$ (13,571)	\$ -
College of Agriculture	\$ 71,019	\$ 117,562	\$ 113,241	\$ 414,083	\$ 143,577
College of Art and Design	\$ 80,215	\$ 211,469	\$ 203,293	\$ 642,402	\$ 265,116
College of Business	\$ 1,996,450	\$ 6,382,060	\$ 2,722,539	\$ 5,940,660	\$ 2,322,286
College of Engineering	\$ 11,710,668	\$ 28,898,296	\$ 12,174,929	\$ 30,871,619	\$ 13,252,284
College of Human Sciences and Education	\$ 3,590,015	\$ 8,156,560	\$ 5,758,426	\$ 10,715,854	\$ 3,526,142
College of Humanities and Social Sciences	\$ 1,518,082	\$ 4,069,357	\$ 1,771,893	\$ 4,505,586	\$ 2,155,851
College of Music and Dramatic Arts	\$ 70,980	\$ 154,699	\$ 1,306	\$ 43,827	\$ 25,476
College of Science	\$ 10,923,566	\$ 27,219,960	\$ 12,308,166	\$ 28,408,311	\$ 13,397,103
College of the Coast and Environment	\$ 4,468,422	\$ 11,364,829	\$ 5,618,514	\$ 13,863,566	\$ 7,891,000
Graduate School	\$ 412,535	\$ 989,063	\$ 897,567	\$ 1,417,110	\$ 265,036
Honors College	\$ -	\$ 1,529	\$ 590	\$ 590	\$ -
Information Technology Services	\$ 581,743	\$ 1,350,831	\$ 509,699	\$ 3,357,132	\$ 1,365,803
Libraries	\$ 19,560	\$ 69,518	\$ 45,259	\$ 45,943	\$ 1,000
Louisiana Sea Grant	\$ 1,679,371	\$ 4,286,520	\$ 2,017,485	\$ 4,766,479	\$ 1,612,899
Paul M. Hebert Law Center	\$ 98,492	\$ 218,252	\$ 25,906	\$ 174,248	\$ 134,912
SNCSRT	\$ 15,168,052	\$ 37,837,652	\$ 16,419,796	\$ 39,407,569	\$ 15,039,093
School of Mass Communication	\$ 155,101	\$ 282,754	\$ 271,322	\$ 551,800	\$ 565,746
School of Veterinary Medicine	\$ 6,171,783	\$ 16,865,440	\$ 5,428,217	\$ 17,029,465	\$ 5,560,787
VP Engagement, Civil Rights, and Title IX	\$ -	\$ 5,328	\$ -	\$ (328)	\$ 2,448

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