



Combined Proposal and Award Activity Report

Prepared by Office of Sponsored Programs
& Sponsored Program Accounting

August 2020

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

Proposals Submitted by OSP: p. 6-10

Awards Budgeted by SPA: p. 11-18

Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 19-21

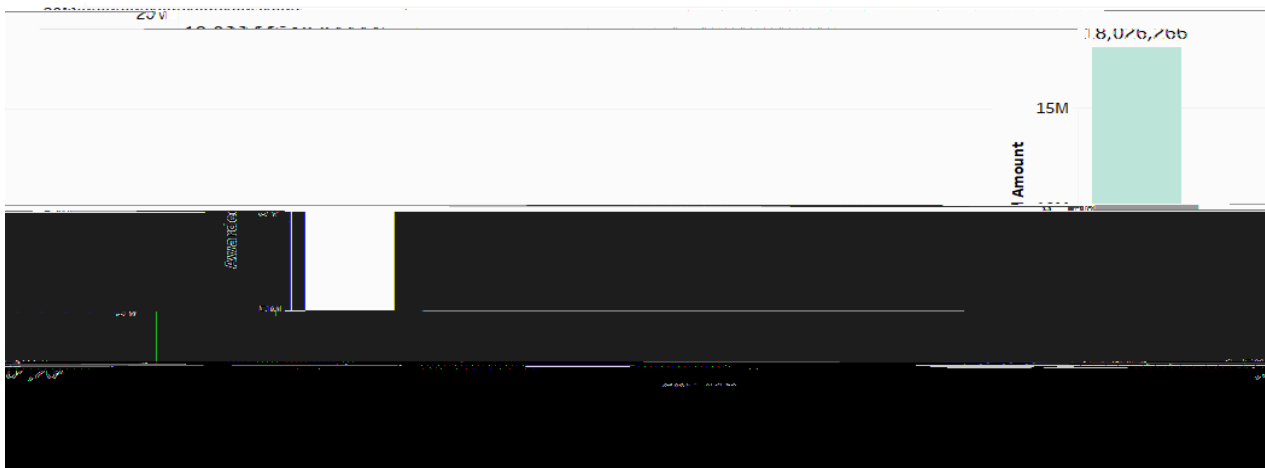
SUMMARY

August 1, 2020 through August 31, 2020

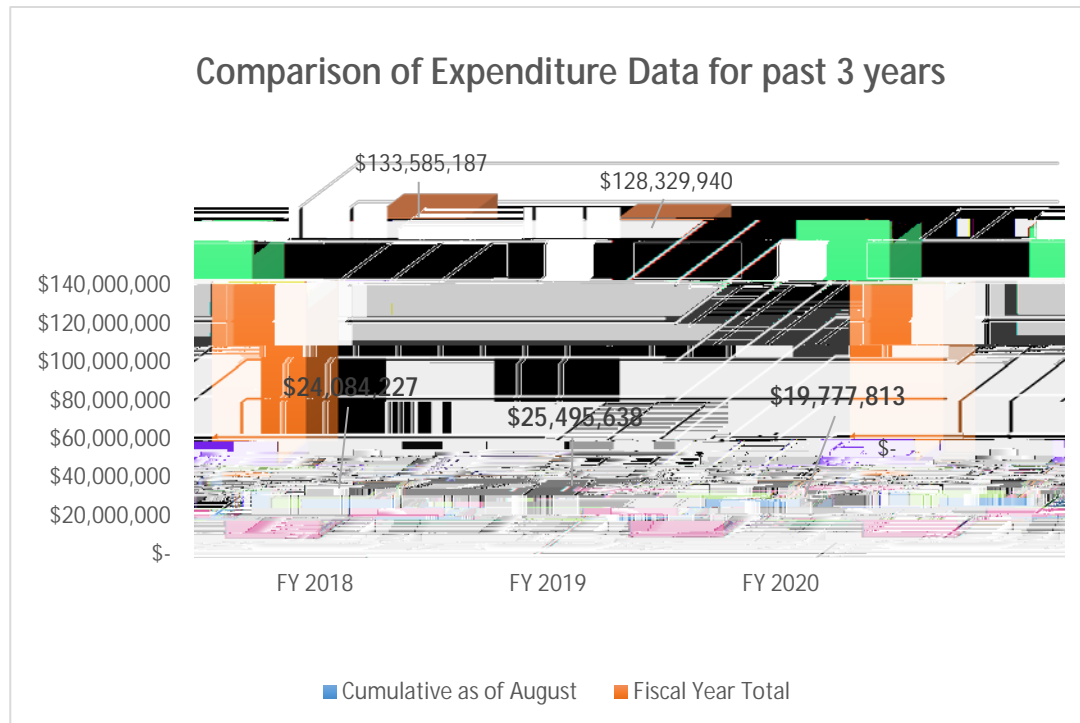
		August 2020	July - August 2020
Proposals Submitted by OSP	105	\$ 42,178,986	\$ 73,135,279
Awards Budgeted by SPA	99	\$ 21,179,197	\$ 29,995,498
Expenditures	--	--	\$ 19,777,813

Awards by Sponsor August 2020

Sponsor Type	Number of Awards	Awarded Amount
Federal Agency	47	\$ 18,026,266
For Profit Organization	5	\$ 364,040
Foreign Sponsor	2	\$ 90,157
Local Government Agency	2	\$ 79,920
Non-Profit Organization	10	\$ 605,413
Private University-For Profit	0	\$ -
Private University-Not For Profit	2	\$ 48,912
Public University-Louisiana	4	\$ 139,133
Public University-Non-Louisiana	4	\$ 321,152
State Agency	23	\$ 1,504,204
TOTAL	99	\$ 21,179,197







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



Proposals Submitted by OSP

August 2020

<u>Principal Investigator</u>	<u>Type</u>	<u>Agency</u>	<u>Title</u>	<u>Amount</u>
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Robbins, Kevin Dougl	P	National Oceanic and Atmospheri	Operap(t)-0e52.0 e Tw(P)l9i3cA572 (210.0 7.9565 0 004 Tc 0.007 T6213	
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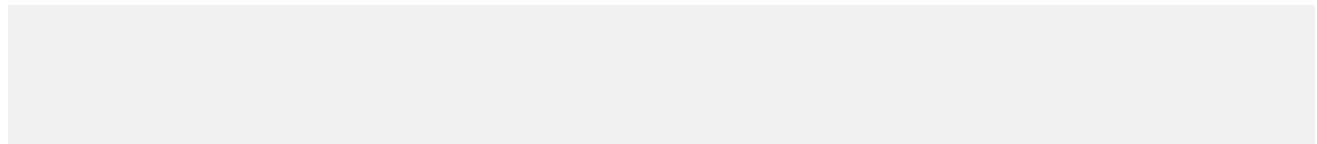
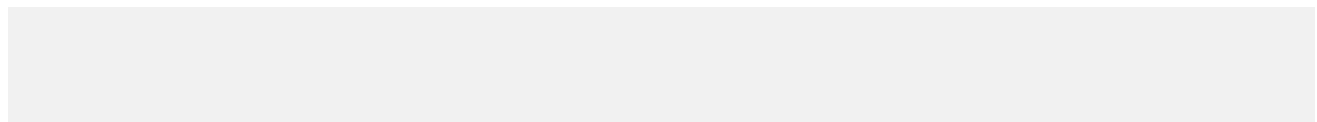
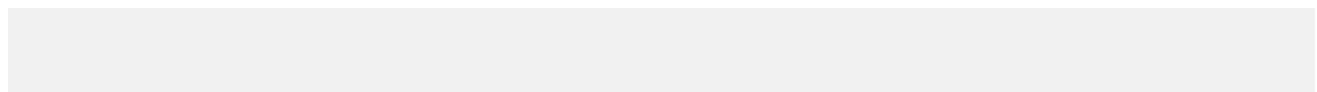
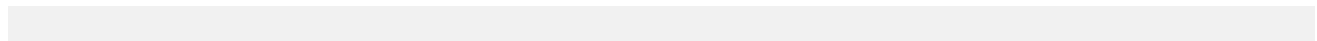
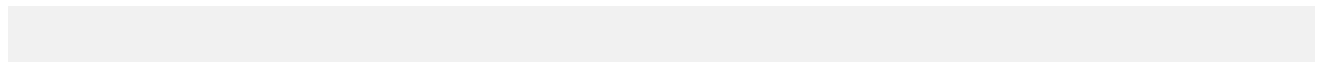
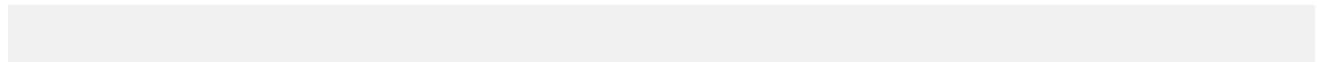
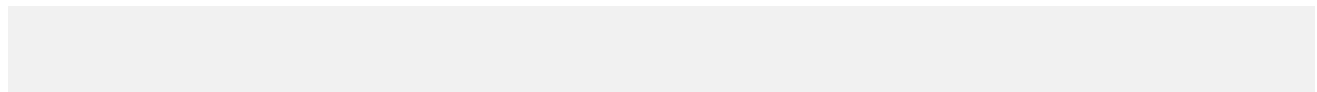
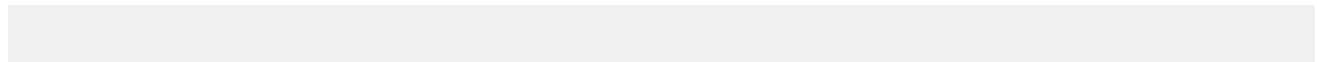
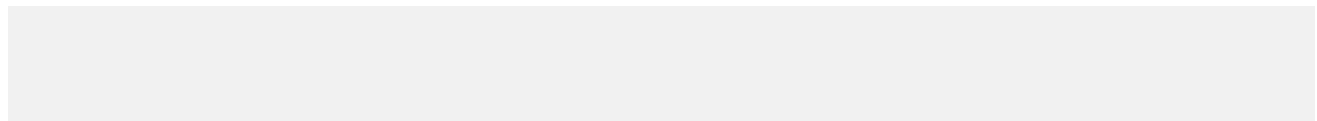
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Hassan, Hany	P	National Science Foundation (NSF)	CAREER: Integrated approach to maximize the positive impacts of truck platooning on US highways while maintaining roadway infrastructure sustainability	\$	593,319.40
Zhu, Xiuping	P	National Science Foundation (NSF)	CAREER: Explore a novel desalination method based on hydrogels	\$	524,880.00
Persaud, Patricia	P	National Science Foundation (NSF)	CAREER: Fluid-driven Deformation in Underground Salt Caverns and Wastewater Injection Sites	\$	589,133.84
Trahan, Gregory Geor Khonsari, Michael M Nikitopoulos, Dimitr	P C C	Baker Hughes, a GE company LLC (BHGE)	CISIA: THE COLLABORATION FOR INNOVATIONS IN STRUCTURAL INTEGRITY ASSURANCE PROGRAM An Industry-University Research Partnership Pilot Project	\$	50,000.00
Snyder, Brian F	P	National Science Foundation (NSF)	CAREER: BEE: Modelling the Evolutionary Ecology of Human Unsustainability	\$	545,542.40
Snow, Samuel David	P	National Science Foundation (NSF)	CAREER: Accelerating sustainable water treatment using smart ultraviolet light emitting diodes	\$	594,136.44
Deng, Zhiqiang	P	US Army Corps of Engineers	Studies on Nutrient & Algae/Cyanobacteria Removal in Backwater Areas of the Mississippi River	\$	189,998.62



Magana-Loaiza, Omar	P	National Science Foundation (NSF)	CAREER: Robust Quantum Information Processing in Dissipative Many-body Systems	\$	591,328.00
Dismukes, David E	P	LA Office of the Governor	Updated Louisiana Greenhouse Gas Inventory and Emissions Analysis for the Governors Office on Coastal Activities	\$	65,830.36
Chen, Yu	P	National Science Foundation (NSF)	CAREER: Level the Playing Field: Facilitators and Barriers to STEM Success for Underrepresented Racial Minority Community College Transfers	\$	469,464.60
Li, Guoqiang	P	National Science Foundation (NSF)	REU Site: Smart Polymer Composite Materials and Structures		
Williams, Tyrslai Me	C				
Jeong, Shinhee	P	National Science Foundation (NSF)			

Chambers, Matthew P National Science Foundation (NSF)

Elgrishi, Noemie P National Science Foundation (NSF)

Chen, Shengli P National Science Foundation (NSF)

Wang, Tuo	P	Human Frontier Science Program (HFSP)	Mycelial cables as optimized communication systems for the ecology of fungi and plant roots in soil	\$	350,000.20
Spivey, James Jerome	P	LSU Board of Supervisors	Methane and CO2 to high-value intermediates: a commercial opportunity	\$	50,000.00
Ding, Kunlun	C				
Xu, Ye	C				

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Wei, Shuangqing	P	National Science Foundation (NSF)	DRMS: Collaborative Research: Stochastic Modeling of Opinion Dynamics for Risk Communication in Social Networks: Understanding and Defending Against Influence Campaigns	\$	150,000.36
Guzik, T Gregory	P	LA Board of Regents (BOR)	Scientific and Technical Management for the "Mars Ice" FY20 R3 Project	\$	10,000.00
Fava, Colleen Helen	C				
Guzik, T Gregory	P	LA Board of Regents (BOR)	Scientific and Technical Management for the "Additive Manufacture" FY20 R3 Project	\$	10,000.00
Fava, Colleen Helen	C				
Sun, Chao	P	National Science Foundation (NSF)	REU Site: Understanding and Resilience Enhancement of Civil Infrastructure Exposed to Windstorm-induced Multi-hazards	\$	434,399.36
Kameshwar, Sabarethi	C				
Guzik, T Gregory	P	LA Board of Regents (BOR)	Scientific and Technical Management for the "SAFE Oyster" FY20 Research Project	\$	119,999.88
Fava, Colleen Helen	C				
Lewin, Andrew	P	University of Saskatchewan	Ocular microbiome investigations in veterinary species: a unique opportunity for enhancing reproducibility and reliability	\$	18,471.00
Carter, Renee Thomps	C				
Mitchell, Brant Dyla	P	Louisiana Military Department	LANG TO 03-2020 LMS and Dashboard	\$	87,999.66
Segura, Erin	P	LA Endowment for the Humanities (LEH)	Louisiana French Oral Histories: témoignages du passé, tremplins vers l'avenir	\$	7,000.00
Cramer, Jennifer Abr	C				
Mari, Will	P	Villanova University	Community Journalism and COVID-19: Oral Histories of Newspaper Challenges and Innovations	\$	3,000.00
Stringfellow, Gregor	P	LSU Board of Supervisors	Helmet Air Movement, Sterilization, and Cooling System	\$	75,000.00
Garcia-Lopez, Victor	P	Burroughs Wellcome Fund	Molecular Machines Target, Disrupt Cell Membranes and Kill Cancer Cells and Resistant Bacteria	\$	430,000.00
Tucker, Raymond	P	University of Nebraska-Lincoln	Addressing COVID-19 Consequences in Transgender and Gender Diverse Communities: Building Self-Advocacy and Coping through a Multi-Site Community-Based Intervention	\$	541,223.72
Mitchell, Brant Dyla	P	Louisianelltyg oelt(g)-87 (y)-118 (b)-3.6 lt MC ET/TD MCID 44 BDC50.001 Tc 0.002 Tw 7.9565 15 Lo-0.6 Al,G/ko-0			

Awards Budgeted by SPA

August 2020

Award ID	Principal Investigator	D	Award NaD	A-1.3 genr-4.8 cAID.7 yD		
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AWD-000208by,

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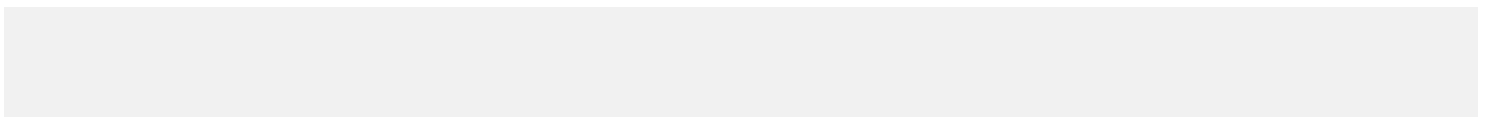
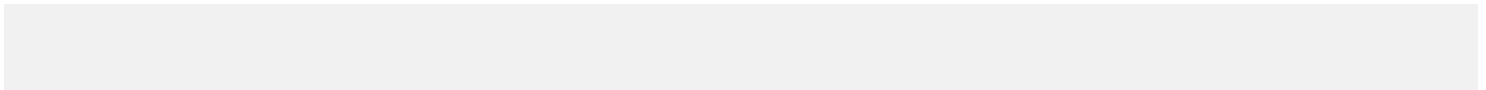
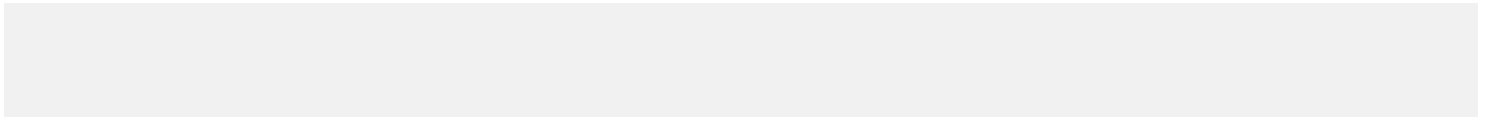
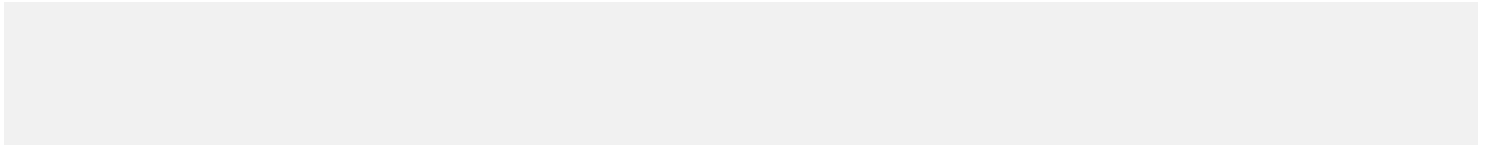
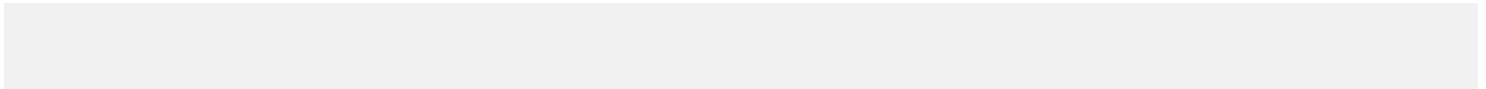
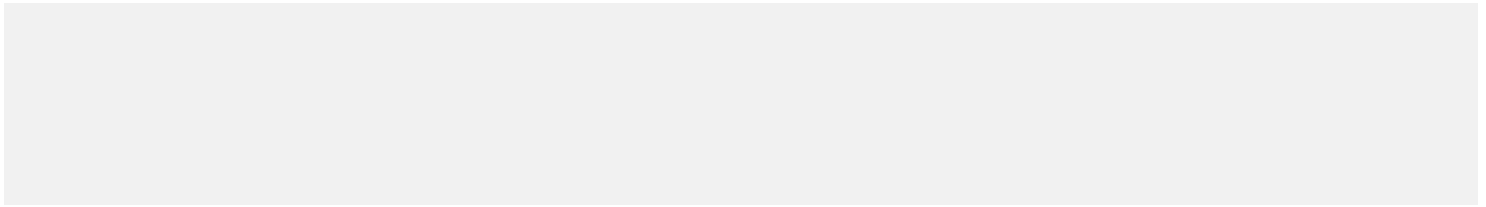
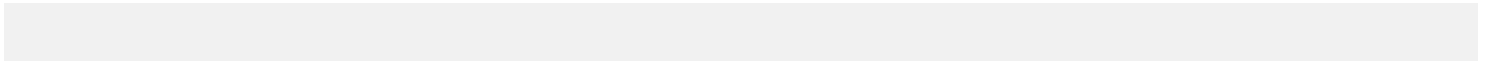
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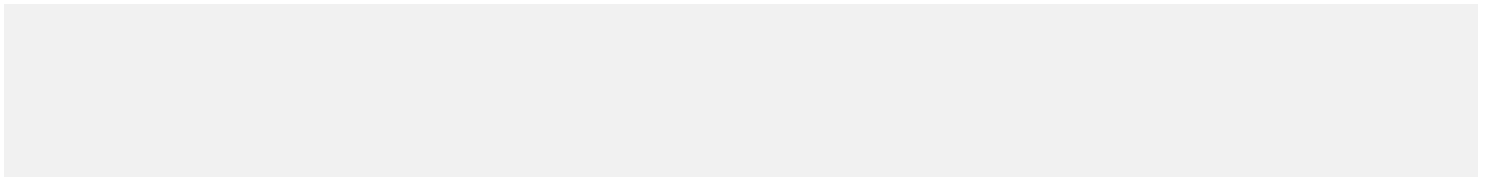
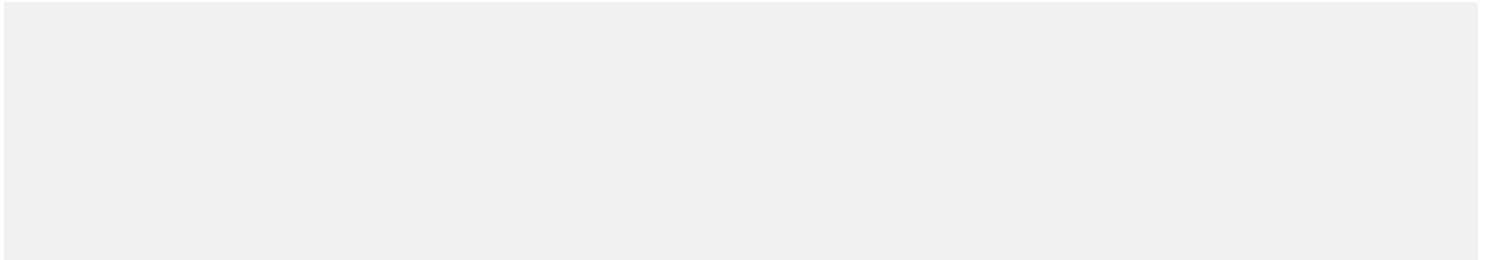
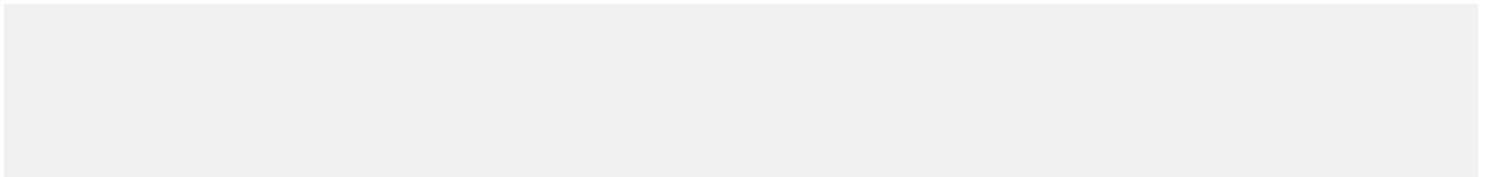
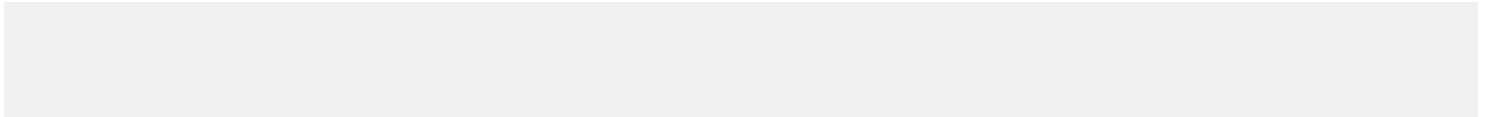
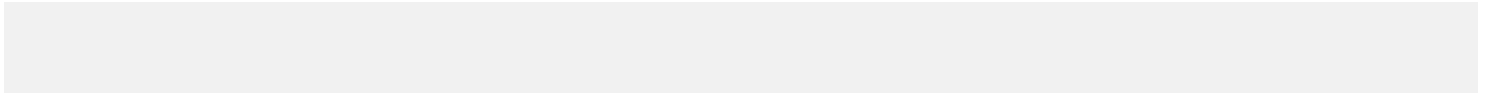
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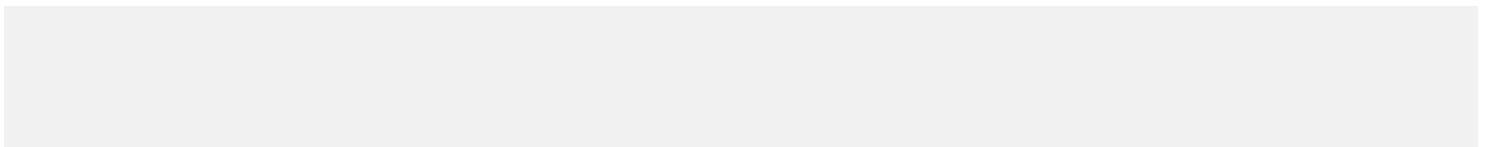
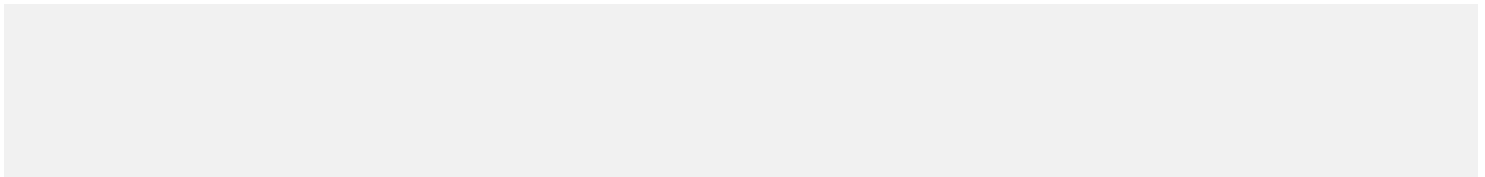
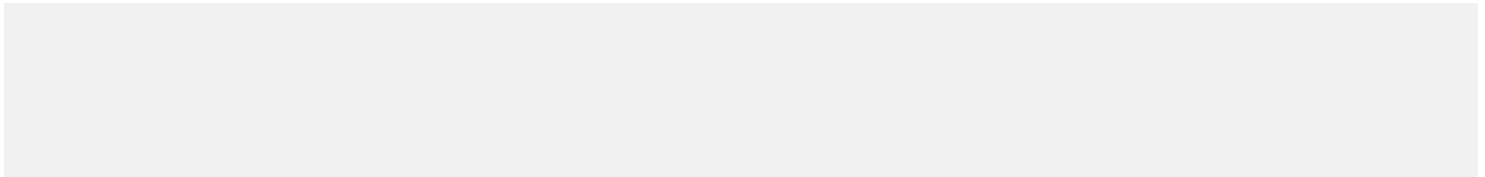
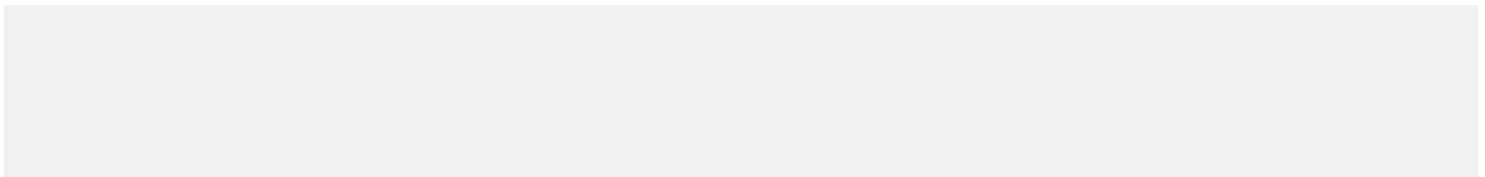
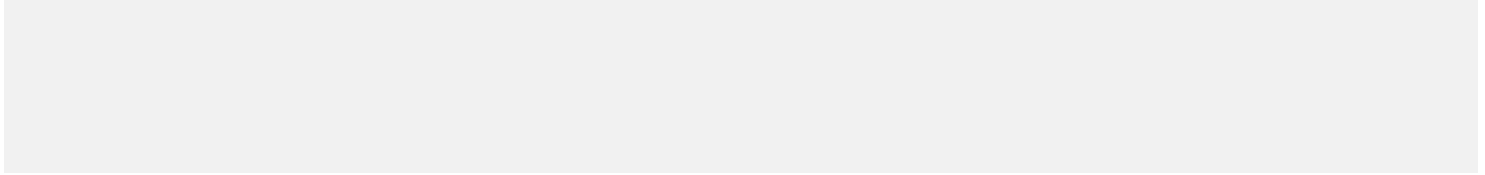
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AWD-001514	Adkins, William A	P	LSUAM Recruitment of Superior Doctoral Students in Mathematics	LA Board of Regents 01	\$	-	\$ 30,000.00	\$	30,000.00
AWD-001521	[REDACTED]	P C	LSUAM Board of Regents Graduate Fellow Program 2018-	LA Board of Regents 01	\$	-	\$ 60,000.00	\$	60,000.00

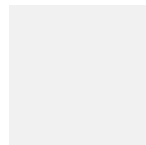
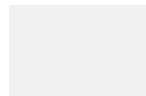
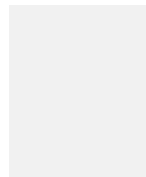
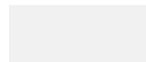
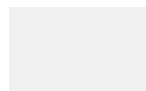
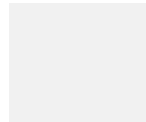
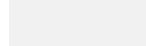
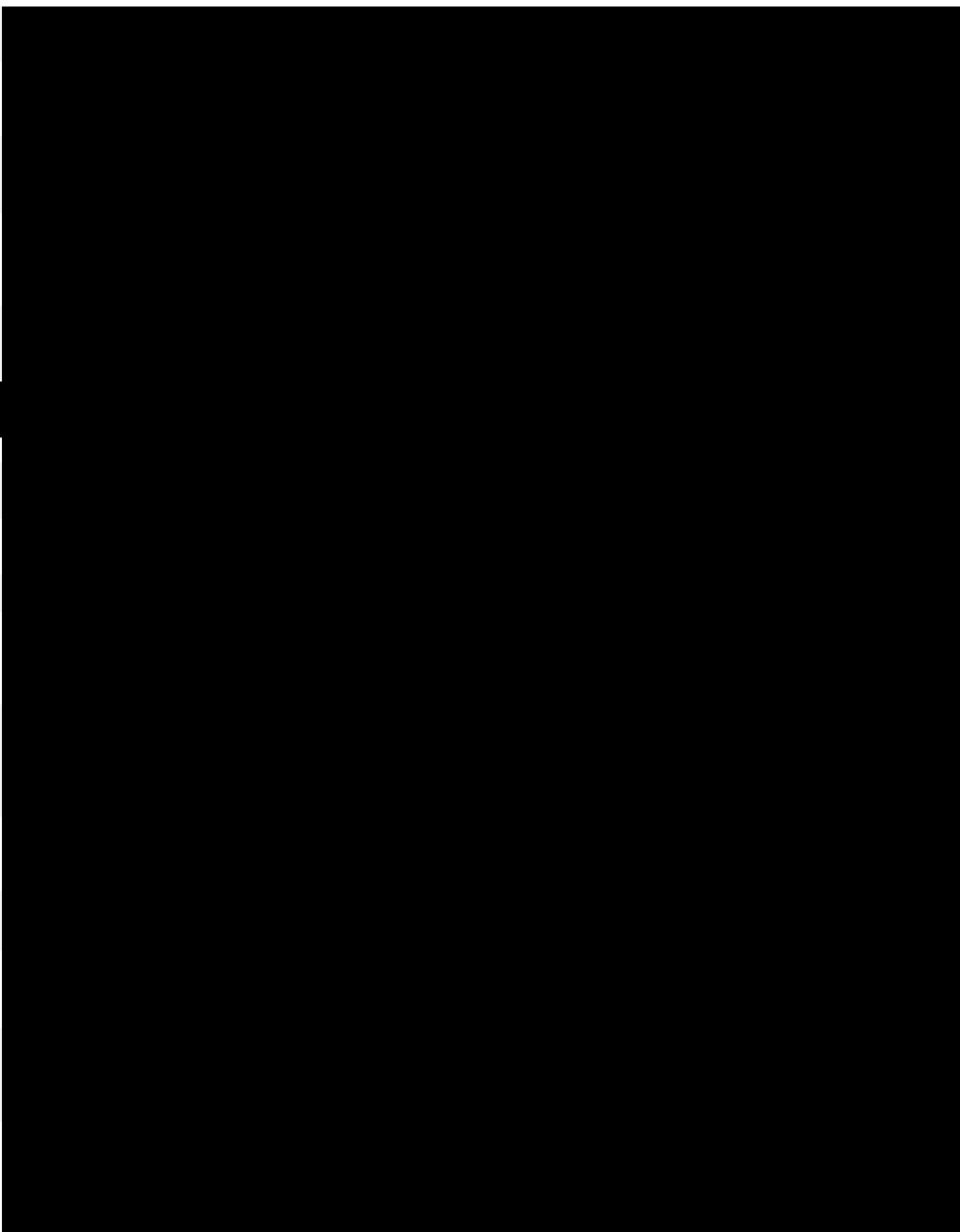




AWD-003020	Arce Amador, Gabriel Andres Hassan, Marwa Mohamed	P C	LSUAM Development of Novel Ultra-High Performance Engineered Cementitious Composites (UHP-ECC) for	US Department of Transportation- Office of the Assistant Secretary	\$	45,000.00	\$	-	\$	45,000.00
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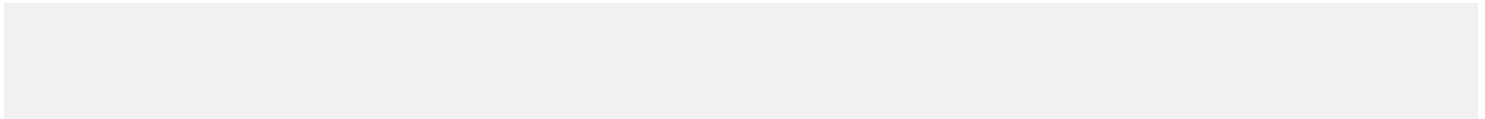
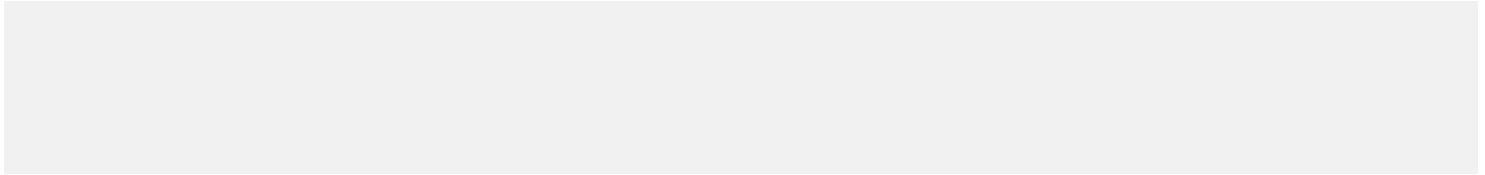
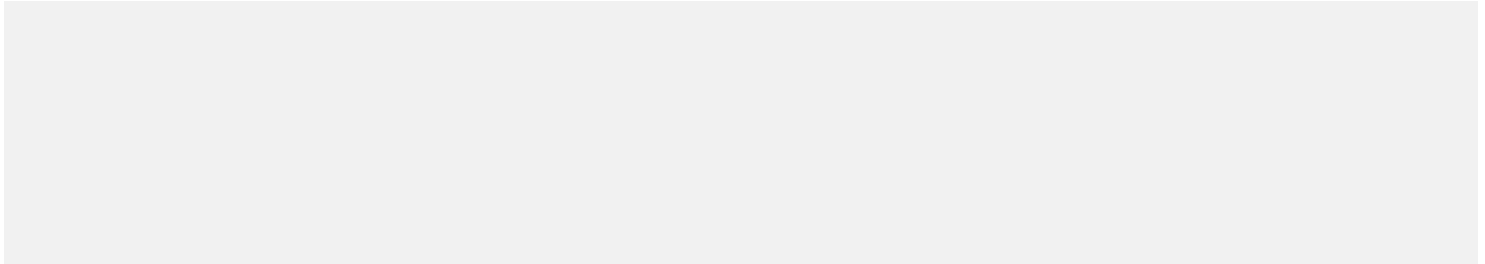


AWD-003041



AWD-003066	Schwarz, Andrew	P	LSUAM Making Learning Fun: Developing an Interactive Cybersecurity Game for Undergraduate Education	LSU Board of Supervisors	\$	50,000.00	\$	-	\$	50,000.00
AWD-003067	Long, Anna C	P	LSUAM Kipp School Extern 2020 - 2021	Kipp New Orleans Schools	\$	22,634.00	\$	-	\$	22,634.00
AWD-003068	Khonsari, Michael M	P	LSUAM ASME Journal - Editor FY2021	American Society of Mechanical Engineers (ASME) 01	\$	46,000.00	\$	-	\$	46,000.00
AWD-003071	Lin, Hai Chen, Shengli	P C	LSUAM Calculating Pile Downdrag: Experimental and Numerical Investigations	US Department of Transportation- Office of the Assistant Secretary for Research and Technology (OST-R)	\$	30,000.00	\$	-	\$	30,000.00
AWD-003074	Roy, Amitava	P	LSUAM X-Ray Absorption Spectroscopic Investigation of Chemical Markup of Samples	Albemarle Corporation 02	\$	10,000.00	\$	-	\$	10,000.00
AWD-003075	Clayton, Ashley Brooke	P	LSUAM Institutional Agents: Exploring High School Counselors College Knowledge in California Title I Schools	Oregon State University 01	\$	17,436.00	\$	-	\$	17,436.00
AWD-003076	Magana-Loaiza, Omar	P	LSUAM Quantum Sensing, Imaging, and Metrology using Multipartite Orbital Angular Momentum	US Army - Army Contracting Command - APG - RTP 02	\$	60,000.00	\$	-	\$	60,000.00
AWD-003078	Bentley, Samuel J Sr Burk, David Cao, Dongmei DiMario, Patrick Joseph Ding, Kunlun Dorman, James Dutrow, Barbara L Gartia, Manas Ranjan Haber, Louis H Henry, Darrell J Jin, Rongying McPeak, Kevin Michael Meng, Wen Jin Peterson, Cynthia B Saghayezhian, Mohammad Spivey, James Jerome Zhang, Donghui Zhang, Jiandi	P C C C C C C C C C C C C C C C C C C C	LSUAM Advanced multi-scale microscopic imaging, measurement, and research for the LSU-Defense Partnership	US Army - Army Contracting Command - APG - RTP 04	\$	10,000,000.00	\$	-	\$	10,000,000.00
AWD-003079	Daigle, Melissa Trosclair Wilkins, James Gillespie	P C	LSUAM Scaling Blue Carbon in Louisiana Phase II	Tierra International Foundation	\$	9,900.00	\$	-	\$	9,900.00
AWD-003080	Guzik, T Gregory	P	LSUAM Regents Support of Louisiana Space Grant College and Fellowship Program. 2020 - 2024 (LaSPACE)	LA Board of Regents 11	\$	250,000.00	\$	-	\$	250,000.00
AWD-003082	Johnson, Alyssa	P	LSUAM Tubular lysosomes in health and disease	NIH-National Institute of General Medical Sciences (NIGMS)	\$	318,967.00	\$	-	\$	318,967.00

AWD-003083	Krause, John Jason	P	LSUAM EXBS COVID Support	US Civilian Research & Development Foundation (CRDF Global) 03	\$ 431,988.00	\$ -	\$ 431,988.00
AWD-003084	Mahmoud, Anas Livermore, Michelle Marie	P C	LSUAM SCC-PG: Utilizing Sharing Economy to Foster Social Capital and Economic Growth in Baton Rouge	National Science Foundation (NSF)	\$ 148,688.00	\$ -	\$ 148,688.00
AWD-003086	Dassanayake, Maheshi	P	LSUAM Mining seagrasses to develop salt-tolerant crops	B.G. NEGEV TECHNOLOGIES AND APPLICATIONS LTD. (BGN)	\$ 65,000.00	\$ -	\$ 65,000.00
AWD-003087	Jeong, Yongick	P	LSUAM Diversity Fellowship in Conservation Communications	The Nature Conservancy 02	\$ 26,454.00	\$ -	\$ 26,454.00
AWD-003089	Cormier, Stephania A Christofferson, Rebecca Catherine Vu, Luan	P C A	LSUAM Louisiana Key Academy SARS-CoV-2 Surveillance Study	LA Dept of Health & Hospitals-Office of Public Health 07	\$ 207,999.00	\$ -	\$ 207,999.00
AWD-003091	Cormier, Stephania A	P					



AWD-003103	Allison, Jesse Taggert Neubrandner, Frank M	C C	LSUAM Extern Agreement between LSU and Livingston Parish School System - Matthew Bardin	Livingston Parish Public Schools	\$	39,960.00	\$	-	\$	39,960.00
AWD-003105	Harvey, Craig M	P	LSUAM Livingston Parish							

