

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

#### January 2021

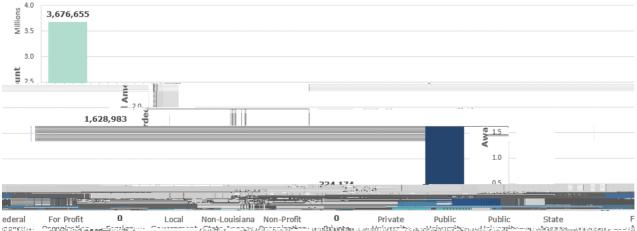
Comparison Charts of Proposal/Award/Expenditure for past 3 years: p. 2-5 Proposals Submitted by OSP: p. 6-9 Awards Budgeted by SPA: p. 10-12 Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 13-15

### SUMMARY January 1, 2021 through January 31, 2021

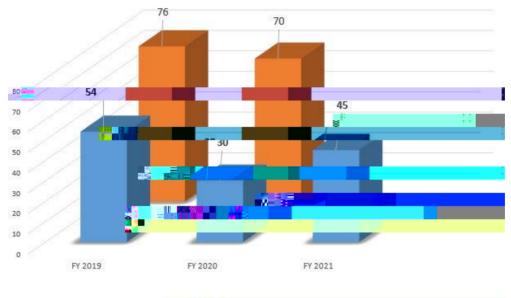
		Janua	iry 2021	July -	January 2021
Proposals Submitted by OSP	96	\$	25,904,360	\$	311,504,487
Awards Budgeted by SPA	51	\$	6,305,547	\$	105,073,046
Expenditures				\$	64,590,547

#### Awards by Sponsor January 2021

5			
Sponsor Type	Number of Awards	Aw	arded Amount
Federal Agency	13	\$	3,676,655
For Profit Organization	6	\$	82,106
Foreign Sponsor	0	\$	-
Local Government Agency	2	\$	51,166
Non-Louisiana State Agency	1	\$	18,000
Non-Profit Organization	6	\$	70,664
Private University-For Profit	0	\$	-
Private University-Not For Profit	1	\$	188,461
Public University-Louisiana	5	\$	334,174
Public University-Non-Louisiana	2	\$	255,338
State Agency	15	\$	1,628,983
TOTAL	51	\$	6,305,547



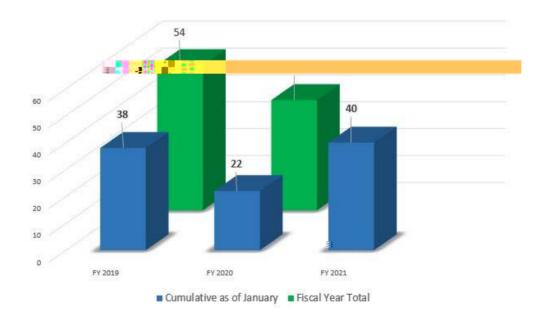
### Comparison of Invention & Patent & Revenue for past 3 years

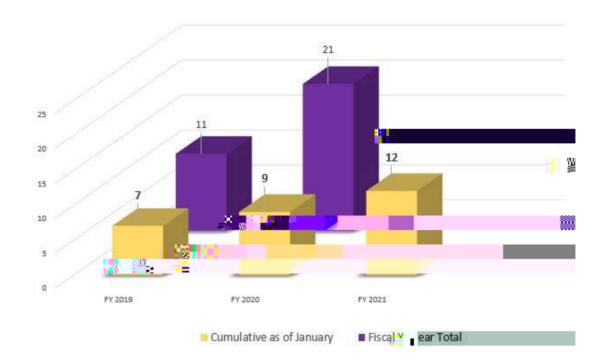


**Comparison of Invention Disclosures** 

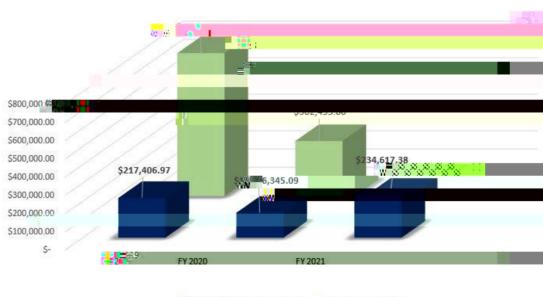
🗉 Cur 🖬 🚰 🔐 📲 🗟 of January 🔳 Fiscal Year Total 👘







Comparison of Total U.S. Patents Issued



Comparison of Total Revenue for Licensing of Intellectual Prove Comparison

Cumulative as of January Fiscal Year Total

# Proposals Submitted by OSP

## January 2021

<u>Principal Investigator</u> <u>Co-PI(s)</u>	<u>Type</u>	Agency	Title	<u>Amount</u>
Draayer, Jerry P	Р	Southeastern Universities Research Association (SURA)	SURA Financial Support	\$ 100,000.00
Strength, Steven	Р	LA Transportation Research Center (LTRC)	) Local Technical Assistance Program	\$ 1,020,449.32
Zhang, Jiandi Saghayezhian, Mohammad	P C	Office of Science/Department of Energy	Elucidating Tailored Interfacial Coupling for New Quantum	

McPeak, Kevin Michae	Р	University of Oklahoma (OU)	RII Track-2 FEC: Advanced Manufacturing for Electromagnetic Spectrum Dominance	\$ 590,164.00
Kameshwar, Sabarethi	Р	University of Miami	SRS RN: From line defense to territory defense against sea level rise	\$ 9,768.00
Park, Seung-Jong	Ρ	National Science Foundation (NSF)	Intergovernmental Personnel Act (IPA) Agreement - Seung- Jong Park	\$ 222,000.00
Walimuni Devage, Sun	Р	Rutgers, The State University of New Jersey	Martian Critical Zones: Thickness, Diversity, and Implications for Martian Hydrology and Habitability	\$ 144,191.64
Elseifi, Mostafa A Hassan, Marwa Mohame Mousa, Momen Ragab	P C C	Transportation Research Board	Guidelines for the Maintenance and Construction of Rumble Strips	\$ 450,000.00
Walimuni Devage, Sun	Р	Rutgers, The State University of New Jersey	Zones of Habitability on Early Mars from Geothermally Sustained Groundwater Systems	\$ 144,191.64
Cardin, Rhonda Diane Stanfield, Brent	P C	Rational Vaccines, Inc.	Testing of Protein Mixtures for HSV-2 Vaccine Efficacy	\$ 30,385.00
Dance, Michael Holstein, Daniel	P C	Texas A&M University-Galveston	Habitat requirements and ecosystem connectivity of reef- associated fishes in the Gulf of Mexico	\$ 713,866.00
Walimuni Devage, Sun	Р	NASA Marshall Space Flight Center	What processes preserved compositional similarity across large volcanic provinces on Mars while the lithosphere thickened?	\$ 125,411.64
Hassan, Marwa Mohame Arce Amador, Gabriel Chen, Ye-Sho Kazemian, Ali	P C C	University of New Mexico	RII Track-2 FEC: Expanding the Boundaries to Advance Additive Manufacturing in the Construction Industry	\$ 1,650,000.00
Jafari, Navid H	P	National Sea Grant College Program	Designs in infrastructure and best management practices to	\$ 49,734.00

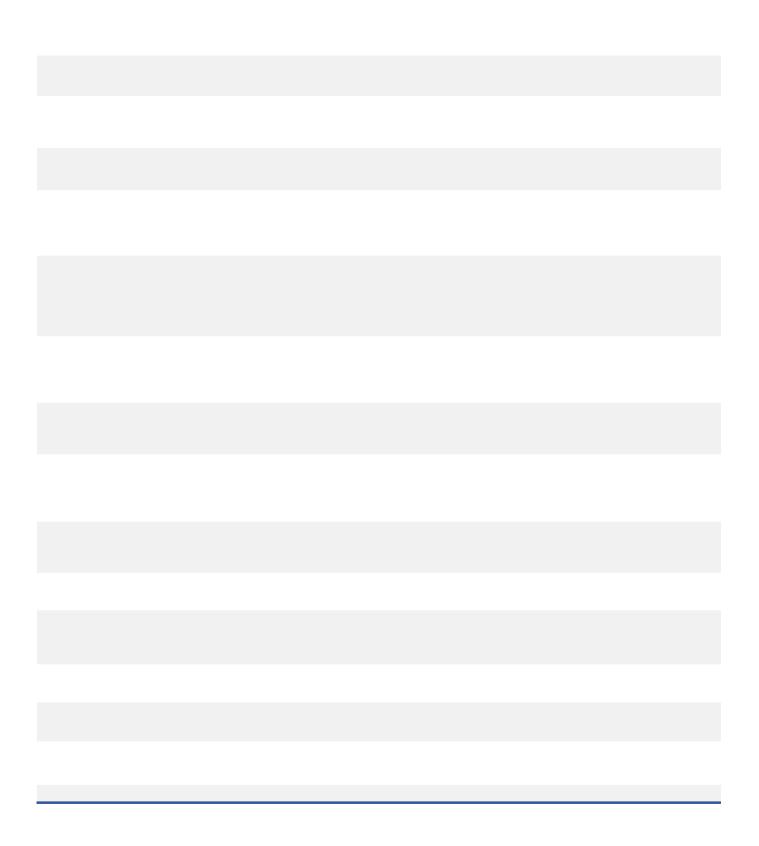
Lewin, Andrew Carter, Renee Thomps	P C	American Association of Zoo Veterinarians	Phylogenomics of Feline herpesvirus type 1 (FHV-1) in cheetahs (Acinonyx jubatus) utilizing Next-Generation Sequencing.	\$ 14,976.00
Guo, Shengmin Khonsari, Michael M Meng, Wen Jin	P C C	Southern University and A & M College (SUBR)	RII Track-2 FEC: Rapid Qualification for Additively Manufactured Safety-Critical Components	\$ 1,279,680.00
Jafari, Amirhosein Kazemian, Ali	P C	US Department of Transportation	Comparative Analysis of 3D Printed Bridge Construction in Louisiana	\$ 20,000.00
Mitchell, Brant Dyla	Р	Louisiana Military Department	LANG-LMD - TO 01-2021 - GISe and Environmental Services	\$ 550,021.50
Stanley, Ann Marie	Р	LA Board of Regents (BOR)	Open Access: Music Education for All	\$ 1,500.00
Park, Sunggook	Р	University of Kansas (KU)	Extracellular Vesicles' Role in Disease Management	\$ 362,052.00
Walimuni Devage, Sun Skok, John Roma	P C	University of California at San Diego	Understanding the cohesion of martian soils	\$ 128,126.64
Kumar, Revati	Р	University of Southern Mississippi	RII Track-2 FEC: Polymers for Environmental Remediation and Separation - Innovation for Sustainable Technology (PERSIST) in the Blue Economy	\$ 350,628.00
Hassan, Hany	Ρ	LA Transportation Research Center (LTRC)	Studying the impacts of Vehicle-to-Infrastructure (V2I) technologies on drivers' behaviors and traffic safety at traffic and environmental conditions	\$ 30,000.00
Mooney, Paul	Р	West Baton Rouge Parish School Board (WBR)	Textbook support for students in grades 1-5 elementary and special education (dual degree) teacher certification program	\$ 25,000.00
Hassan, Hany	Ρ	US Department of Transportation	Examining drivers' behaviors to connected and automated P	\$ 25,000.00

Mousa, Momen Ragab Hassan, Marwa Mohame	P C	US Department of Transportation	Development of a Machine Learning-Based Model to Determine the Optimum and Safe Restriping Timing of Thermoplastic Pavement Markings in Hot and Humid Climates	\$ 30,000.00
Mousa, Momen Ragab Hassan, Marwa Mohame	P C	US Department of Transportation	Development of Distress Index Prediction Models for Rehabilitation Treatments in Louisiana Using Advance Machine Learning Techniques	\$ 30,000.00
Krause, John Jason	Р	US Department of State (DOS)	FY21 Global Biosecurity Engagement Activities	\$ 141,504.30
Arges, Christopher G	Р	The Electrochemical Society (ECS)	Probing the electrochemical behavior of high-temperature thin film ionomer blends	\$ 50,000.00
Total				\$ 25,904,360

Ρ

Midway, Stephen R

AWD-003241



# Comparison of Proposal Data for past 3 years

January	2021

	Cumulative as of	January 2019	Cumulative as of	January 2020	Cumulative as of January 2021		
	Proposals	Funds	Proposals	Funds	Proposals	Funds	
Colleges	Submitted	Requested	Submitted	Requested	Submitted	Requested	
Academic Services	1.50 \$	104,738.88	4.20 \$	824,931.88	2.20 \$	69,538	
Administrative	23.87 \$	3,753,336.58	1.25 \$	2,163,512.20	0.45 \$	52,609	
Athletic Department	1.70 \$	8,587.50	0.00 \$	-	2.00 \$	140,000	
Auxiliaries	0.00 \$	-	0.00 \$	-	0.00 \$		
Center for Computation and Technology	0.25 \$	69,009.00	3.10 \$	871,489.00	4.05 \$	982,871	
Center for Energy Studies	4.95 \$	583,759.45	5.00 \$	520,120.00	1.15 \$	544,934	
Centers and Institutes	10.30 \$	2,682,470.40	4.91 \$	597,724.90	12.57 \$	1,676,349	
College of Agriculture	6.07 \$	1,502,087.98	6.20 \$	1,504,026.10	9.30 \$	1,057,792	
College of Art and Design	9.75 \$	1,090,456.00	20.19 \$	2,914,892.13	6.82 \$	2,949,269	
College of Business	12.30 \$	1,544,909.00	12.05 \$	3,424,068.40	15.20 \$	3,437,515	
College of Engineering	201.94 \$	100,874,286.61	263.47 \$	78,734,639.80	220.67 \$	133,968,346	
College of Human Sciences and Education	52.55 \$	17,593,071.80	43.49 \$	24,513,323.95	41.03 \$	13,691,181	
College of Humanities and Social Sciences	75.88 \$	11,747,989.83	79.27 \$	14,144,624.64	61.55 \$	12,548,843	
College of Music and Dramatic Arts	3.25 \$	281,876.00	3.70 \$	164,638.00	6.50 \$	741,129	
College of Science	194.46 \$	76,458,985.12	180.10 \$	76,065,576.96	180.94 \$	63,488,688	
College of the Coast and Environment	58.05 \$	46,513,441.44	83.38 \$	49,015,873.94	76.31 \$	25,214,766	
Continuing Education	4.00 \$	886,232.90	2.72 \$	1,866,066.65	3.00 \$	878,958	
Facility and Property Oversight	0.00 \$	-	0.00 \$	-	0.00 \$		

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# Comparison of Expenditure Data for past 3 years

First Level Cost Center Hierarchy		Jan-2019		FY 2019		Jan-2020		FY 2020		Jan-2021
Athletics	\$	-	\$	5,000	\$	-	\$	-	\$	-
Assoc VP Administration and IT/CIO	\$	-	\$	-	\$	-	\$	-	\$	-
Center for Academic Success	\$	86,046	\$	-	\$	125,622	\$	156,278	\$	85,313
Center for Computation and Technology	\$	1,060,594	\$	2,248,123	\$	1,556,979	\$	2,446,090	\$	1,111,430
Center for Energy Studies	\$	193,227	\$	484,846	\$	115,064	\$	288,262	\$	119,157
Centers and Institutes	\$	1,096,477	\$	1,880,332	\$	1,252,250	\$	2,099,035	\$	2,034,916
College of Agriculture	\$	200,262	\$	415,554	\$	186,938	\$	235,843	\$	134,333
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