



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

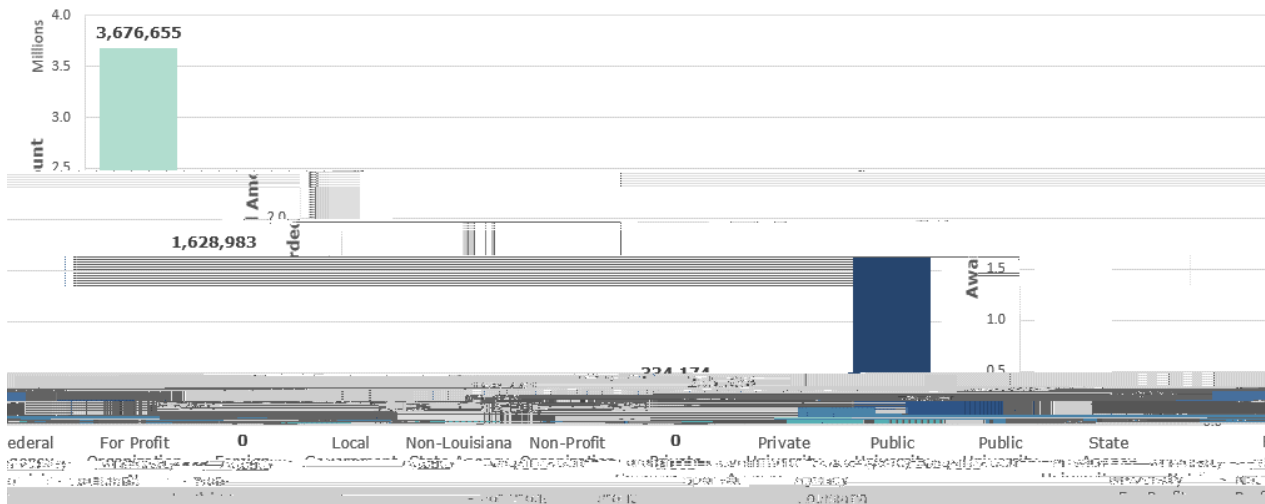
SUMMARY

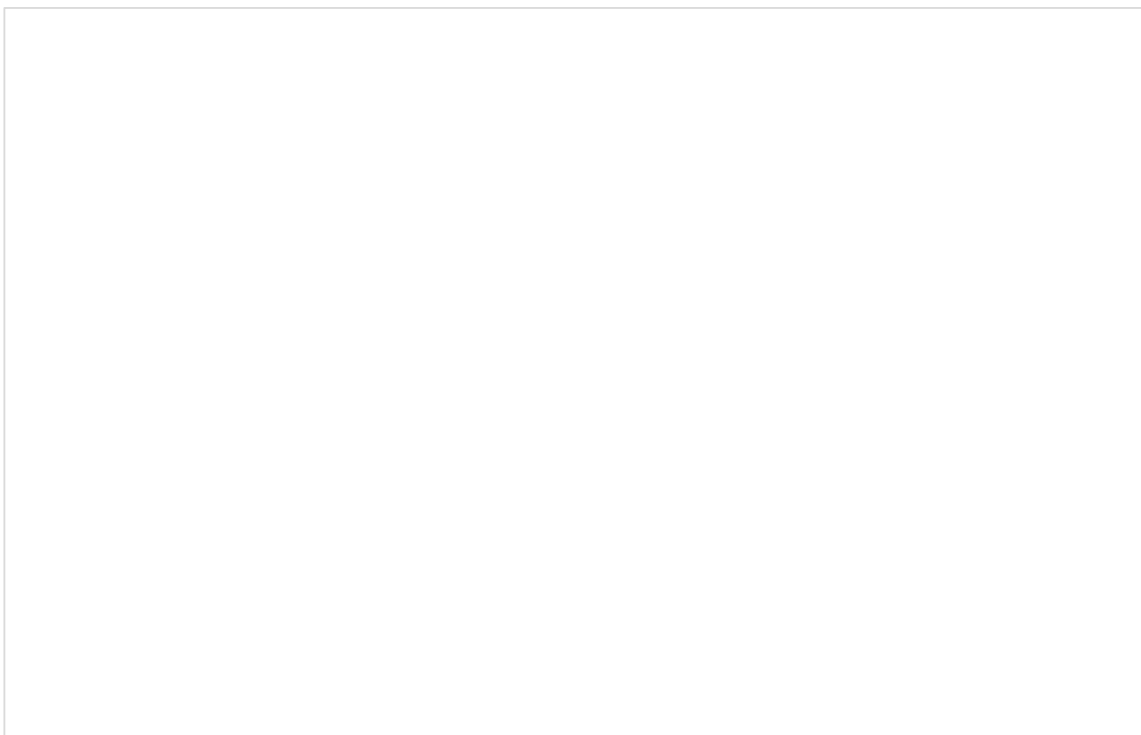
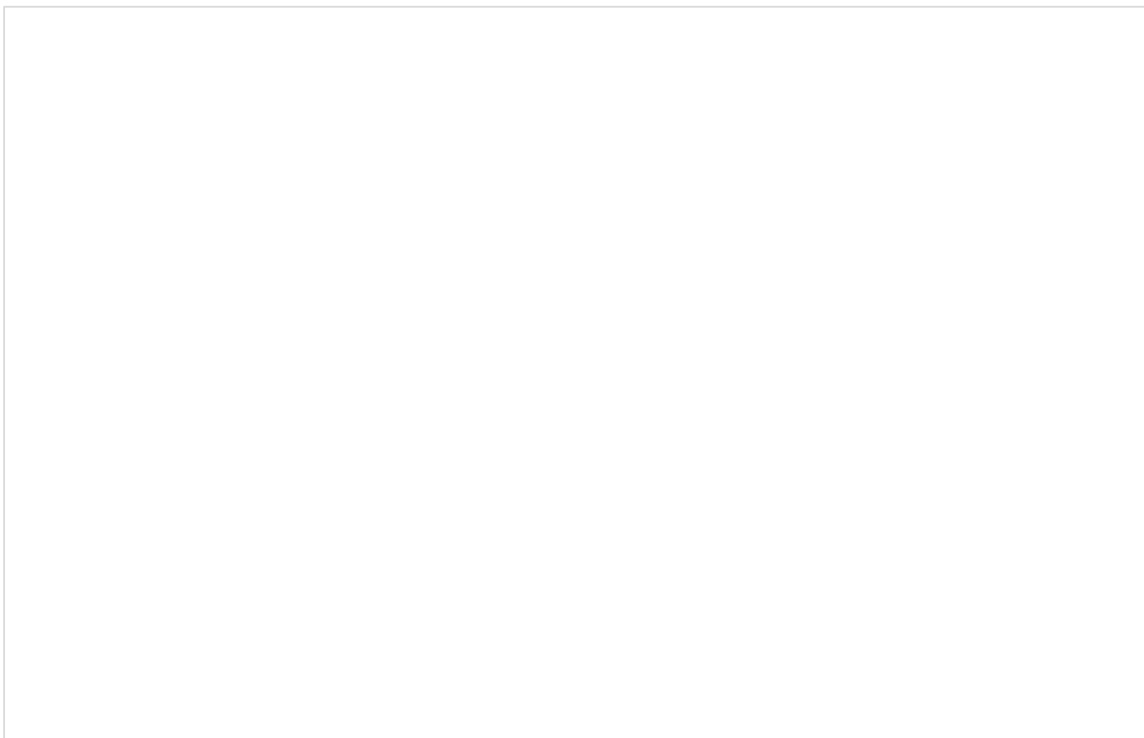
January 1, 2021 through January 31, 2021

		January 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

Sponsor Type	Number of Awards	Awarded 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

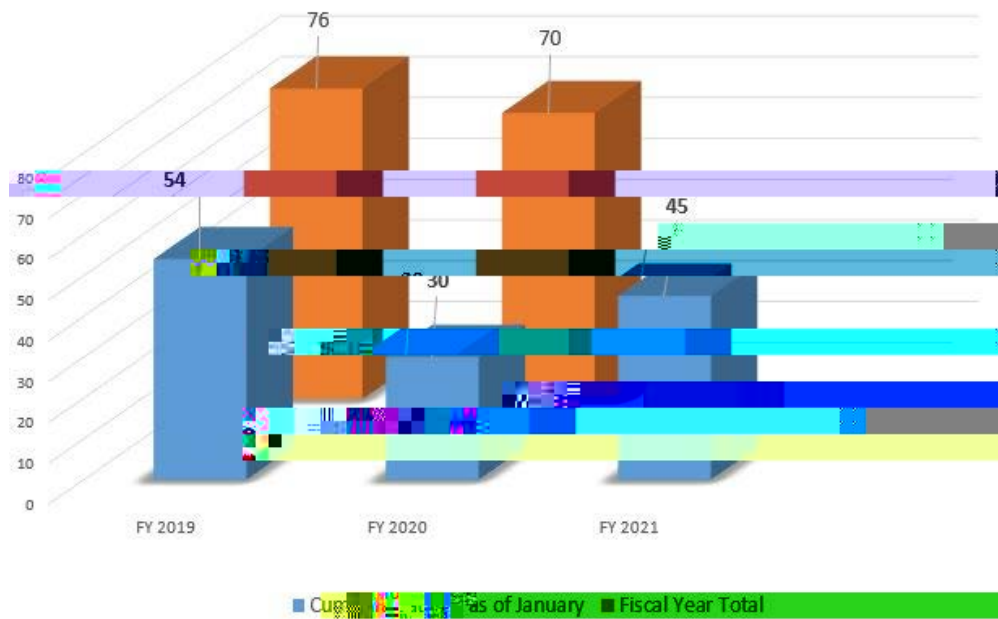




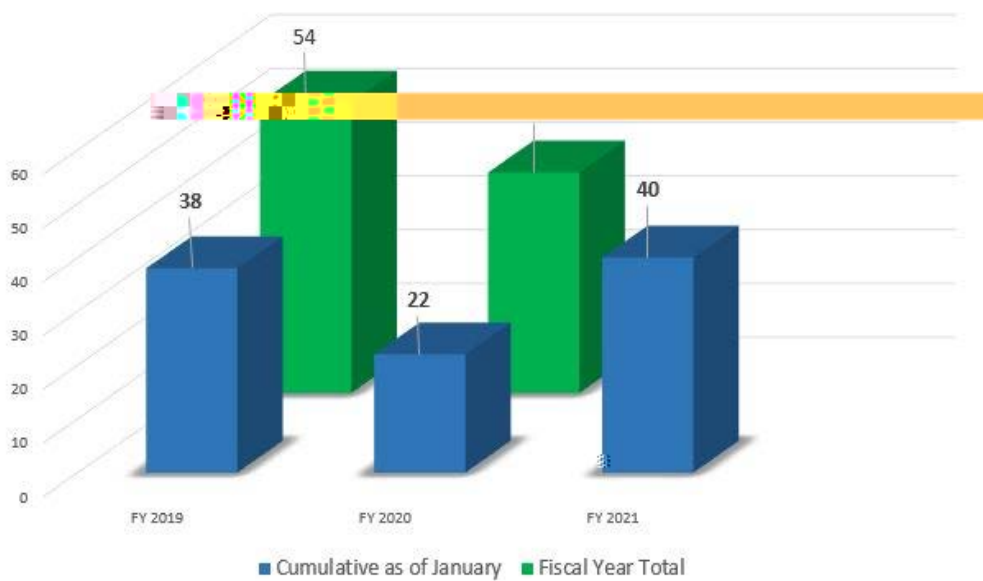


Comparison of Invention & Patent & Revenue for past 3 years

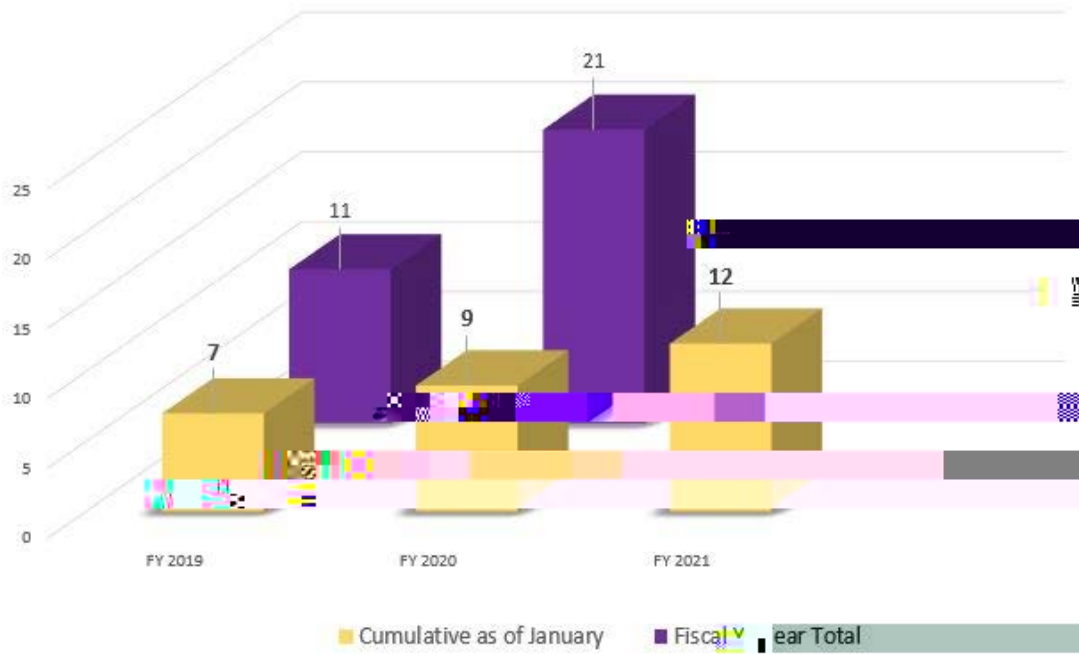
Comparison of Invention Disclosures



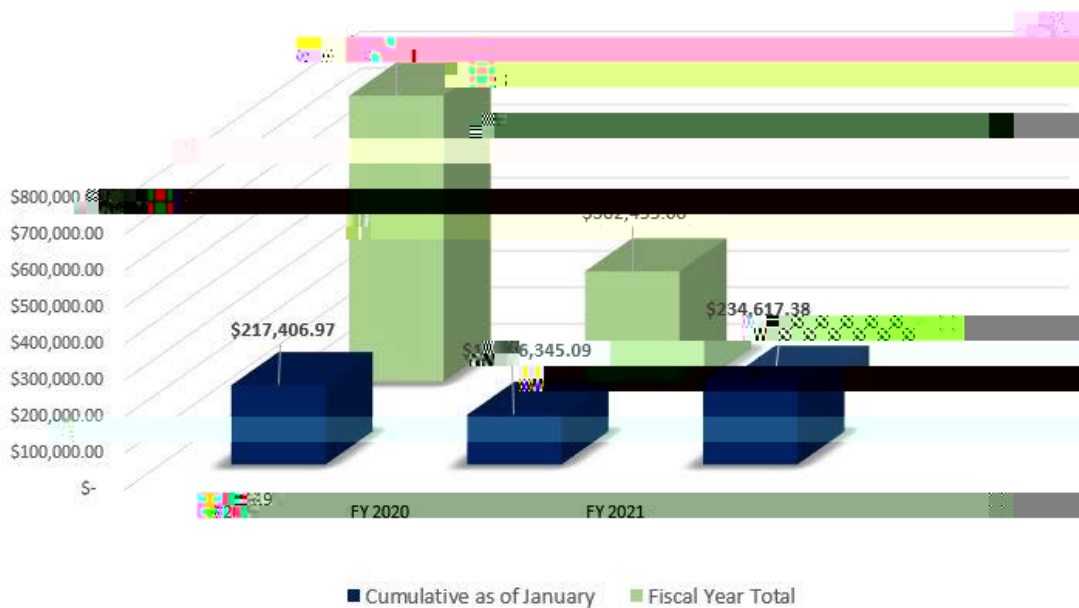
Comparison of Total U.S. Patents



## Comparison of Total U.S. Patents Issued

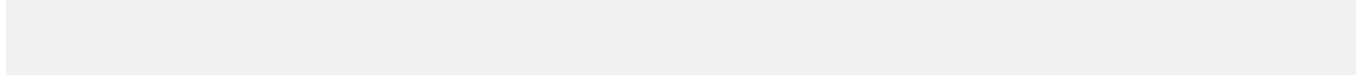
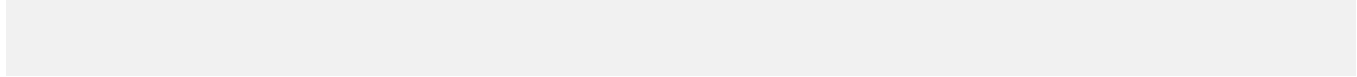
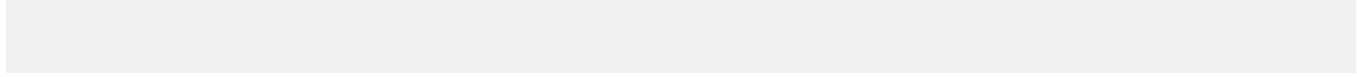
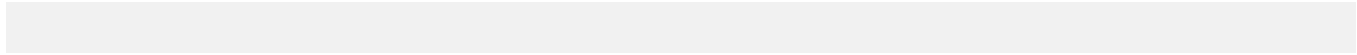
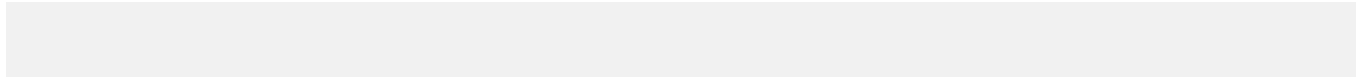
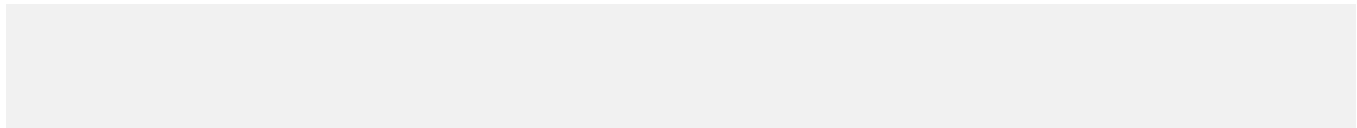
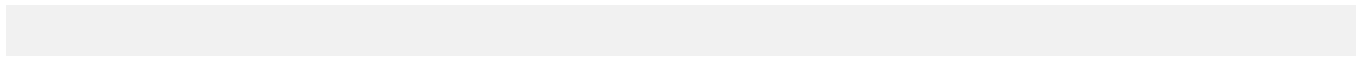
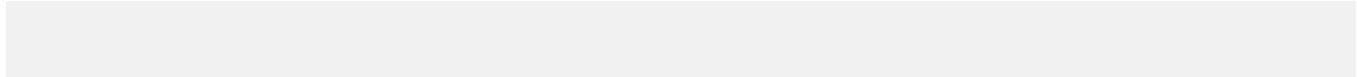


## Comparison of Total Revenue for Licensing of Intellectual Property





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



Lewin, Andrew	P	American Association of Zoo	Phylogenomics of Feline herpesvirus type 1 (FHV-1) in cheetahs ( <i>Acinonyx jubatus</i> ) utilizing Next-Generation Sequencing.	\$	14,976.00
Carter, Renee Thomps	C	Veterinarians			
Guo, Shengmin	P	Southern University and A & M College (SUBR)	RII Track-2 FEC: Rapid Qualification for Additively Manufactured Safety-Critical Components	\$	1,279,680.00
Khonsari, Michael M	C				
Meng, Wen Jin	C				
Jafari, Amirhosein	P	US Department of Transportation	Comparative Analysis of 3D Printed Bridge Construction in Louisiana	\$	20,000.00
Kazemian, Ali	C				
Mitchell, Brant Dyla	P	Louisiana Military Department	LANG-LMD - TO 01-2021 - GISe and Environmental Services	\$	550,021.50
Stanley, Ann Marie	P	LA Board of Regents (BOR)	Open Access: Music Education for All	\$	1,500.00
Park, Sunggook	P	University of Kansas (KU)	Extracellular Vesicles' Role in Disease Management	\$	362,052.00
Walimuni Devage, Sun	P	University of California at San Diego	Understanding the cohesion of martian soils	\$	128,126.64
Skok, John Roma	C				
Kumar, Revati	P	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	P	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	P	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	P	US Department of Transportation	Examining drivers' behaviors to connected and automated P	\$	25,000.00



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



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