



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

**December 2024**

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

Proposals Submitted by OSP: p. 6-8

Awards Budgeted by SPA: p. 9-11

Comparison of Proposal/Award/Expenditure Data for past 3 years: p. 12-14

**SUMMARY**

**December 1, 2024 through December 31, 2024**

	December 2024		July- December 2024	
Proposals Submitted by OSP	58	\$ 18,365,900	\$ 414,594,350	
Awards Budgeted by SPA	40	\$ 7,640,178	\$ 138,495,678	
Expenditures	--	--	\$ 87,818,582	

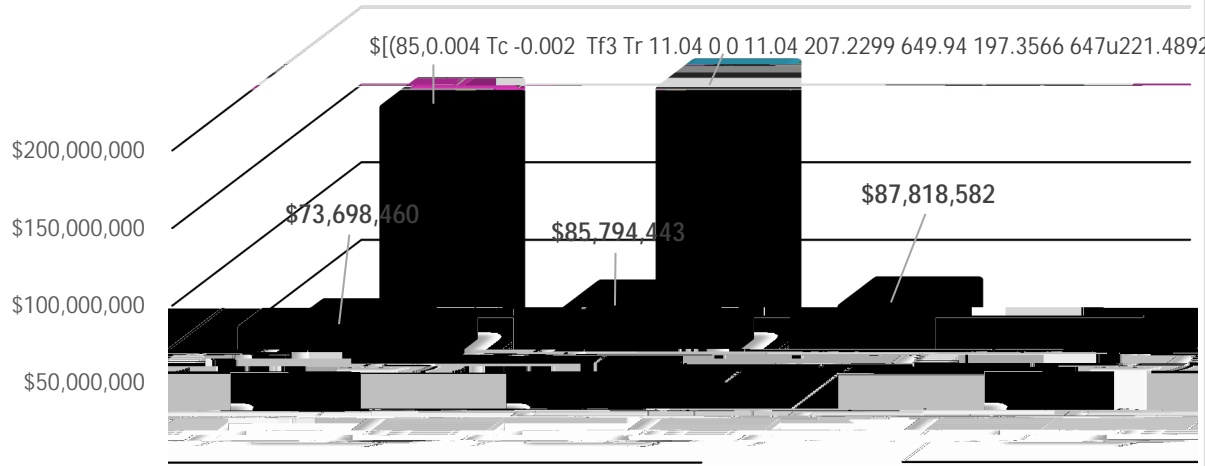
**Awards by Sponsor December 2024**

Sponsor Type	Number of Awards	Awarded Amount
Federal Agency	8	\$ 2,911,813
For Profit Organization	2	\$ 229,681
Non-Profit Organization	13	\$ 871,378
Private University - Not for Profit	1	\$ 20,000
Public University - Louisiana	2	\$ 258,994
Public University - Non-Louisiana	6	\$ 870,311
State Agency	8	\$ 2,478,001
<b>TOTAL</b>	<b>40</b>	<b>\$ 7,640,178</b>

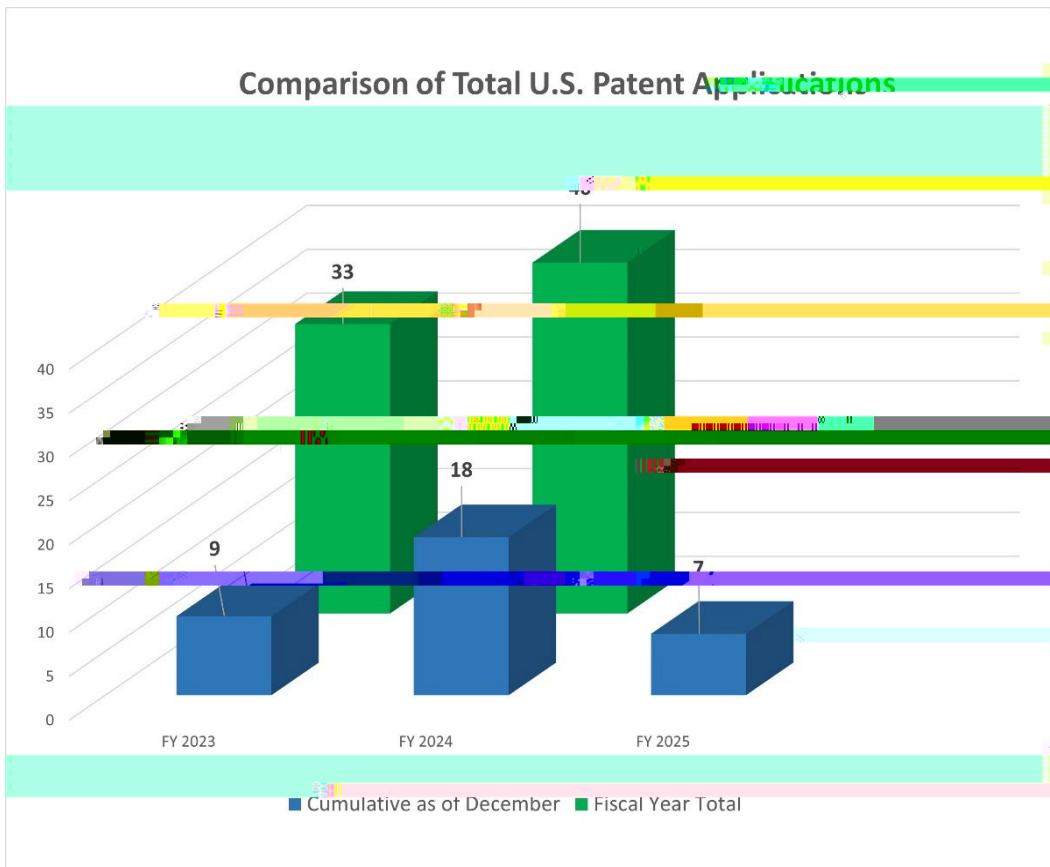
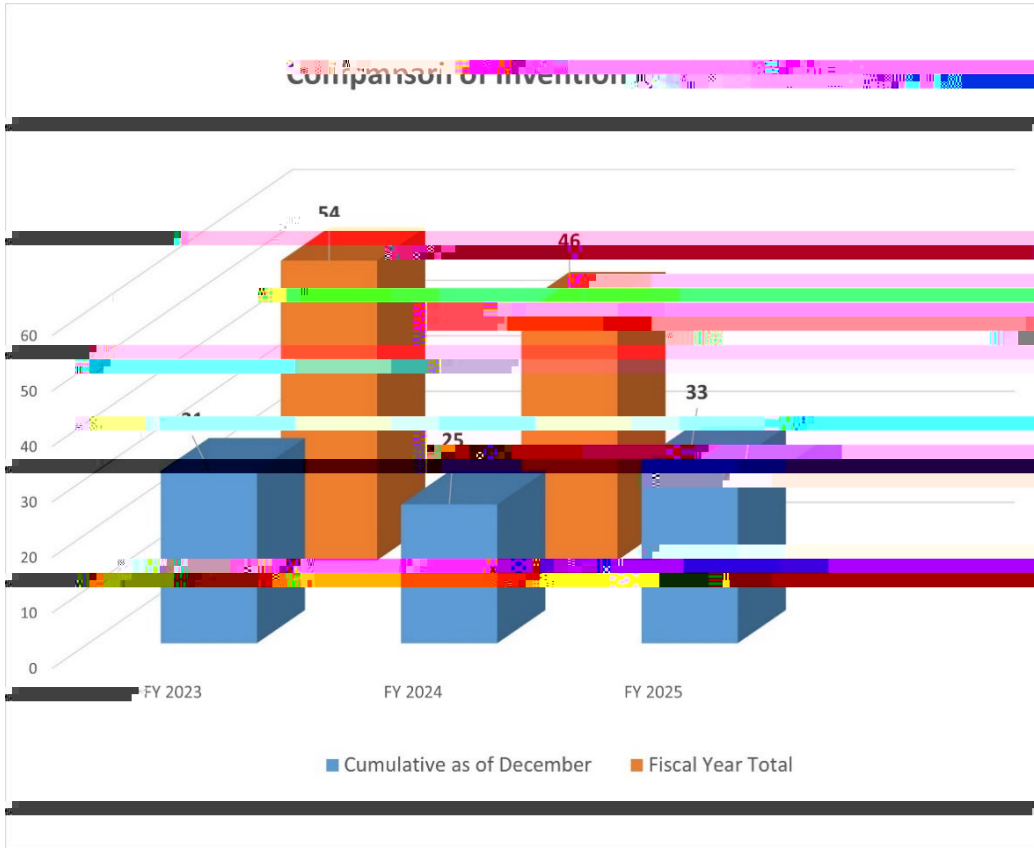


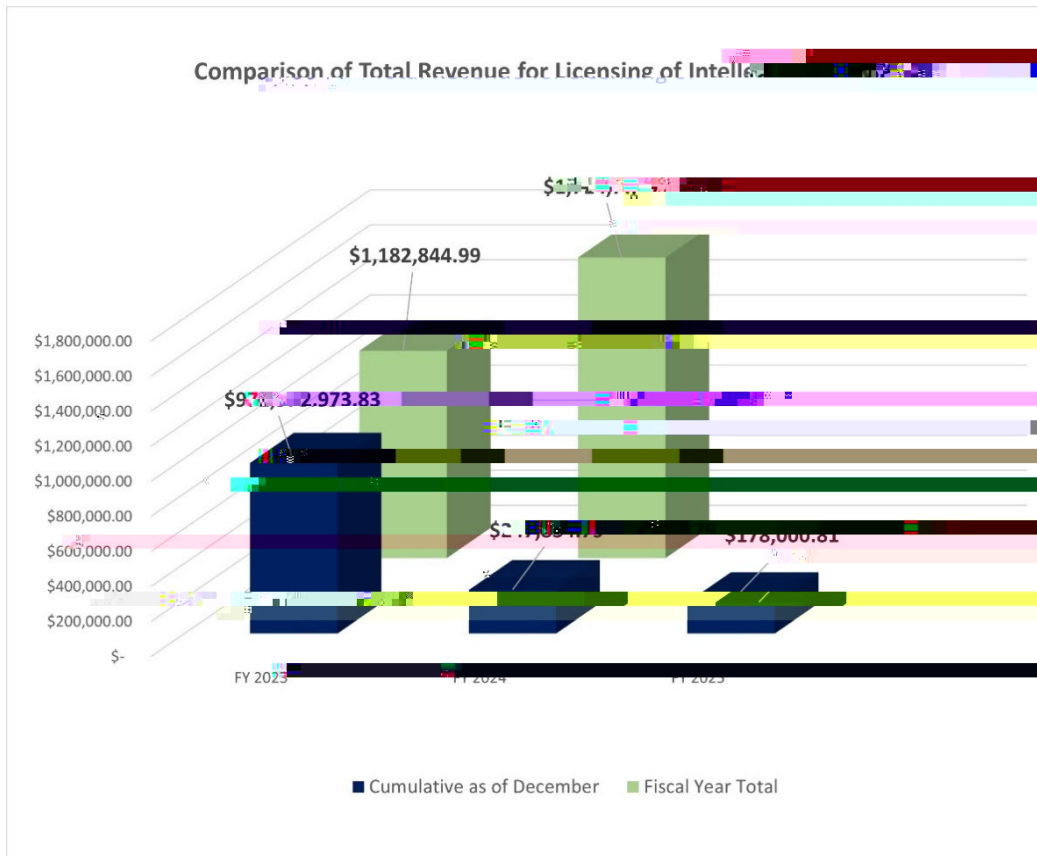
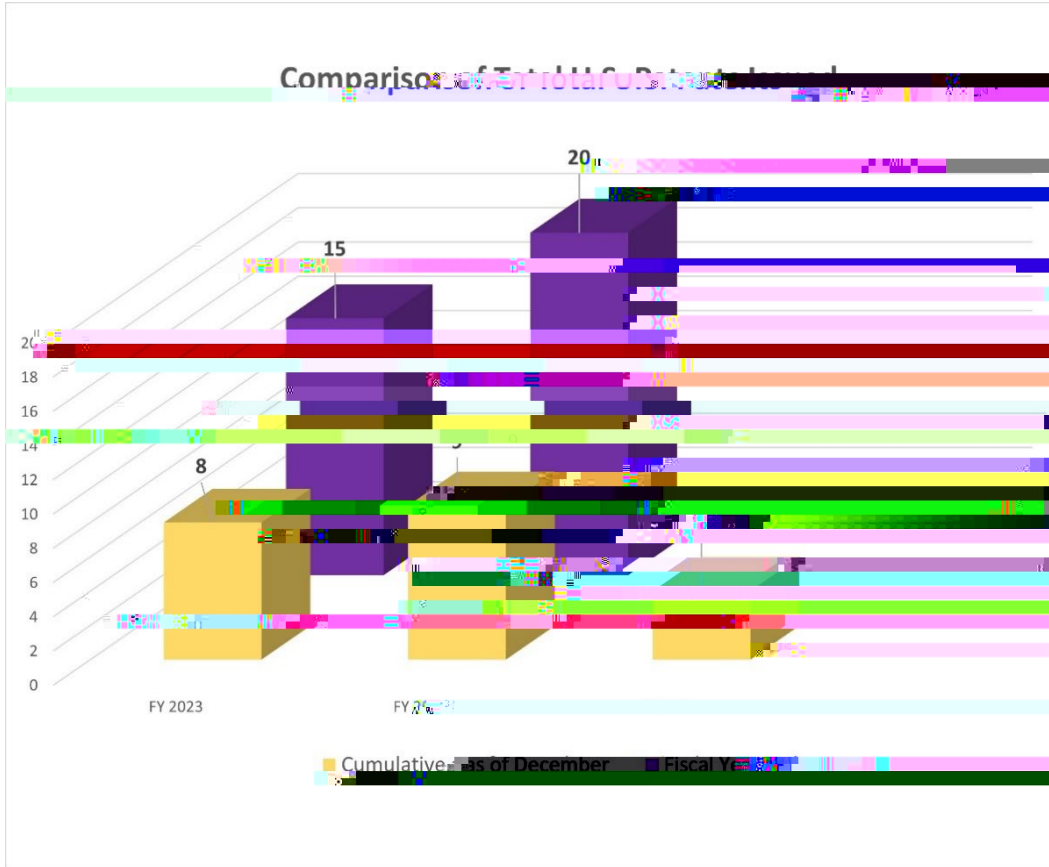


## Comparison of Expenditure Data for past 3 years



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



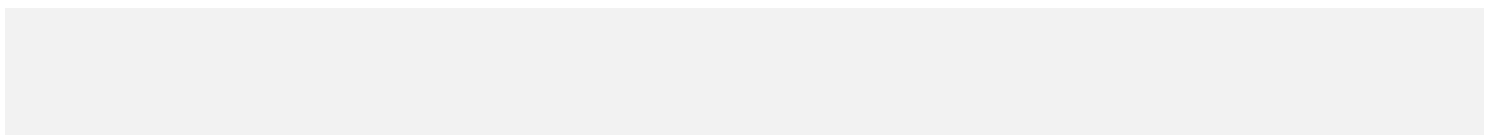
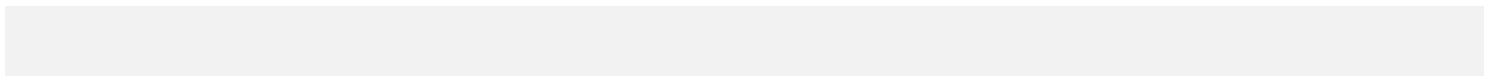
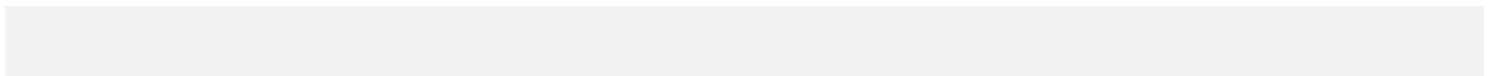
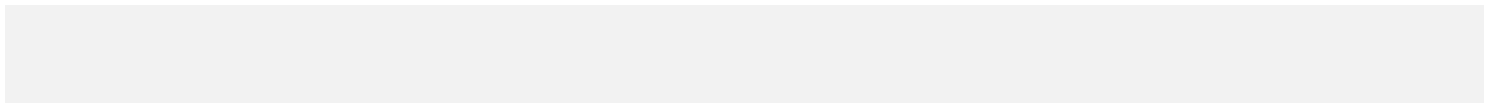
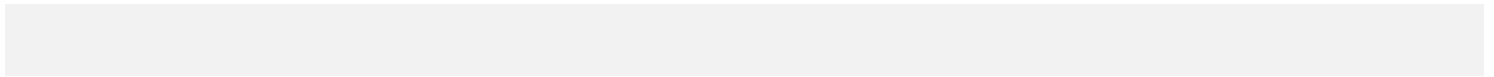
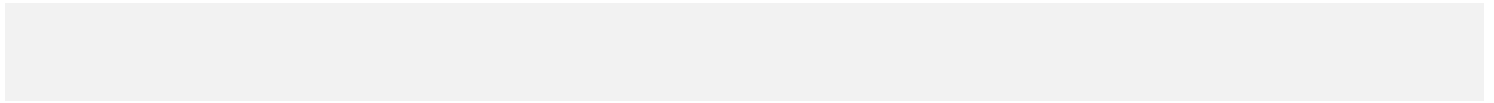
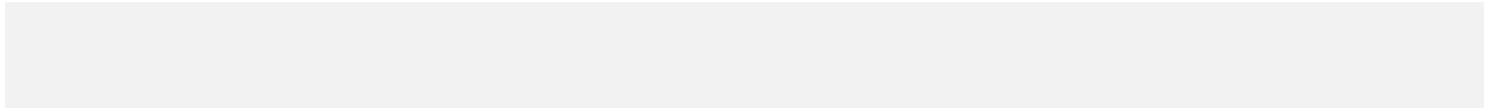


# Proposals Submitted by OSP

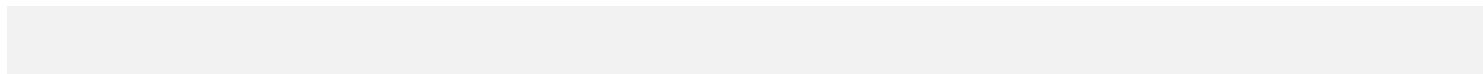
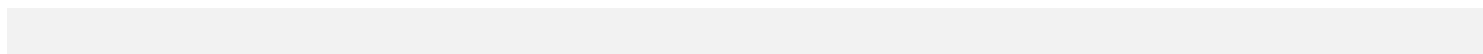
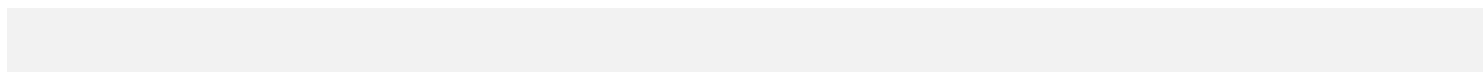
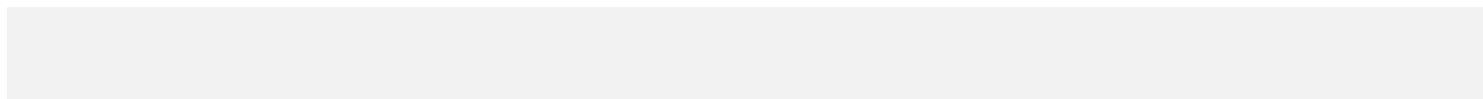
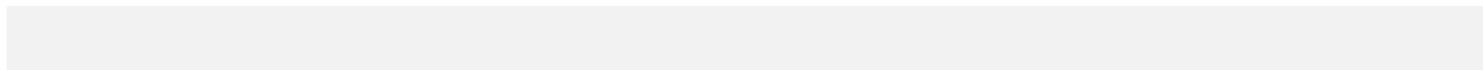
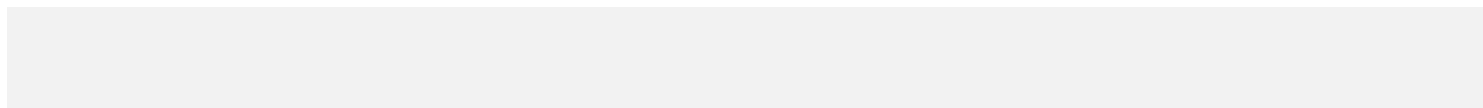
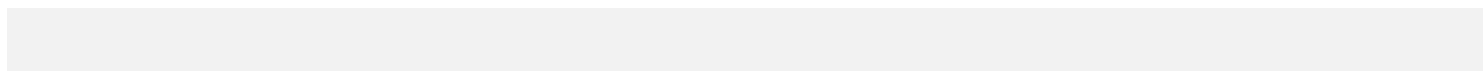
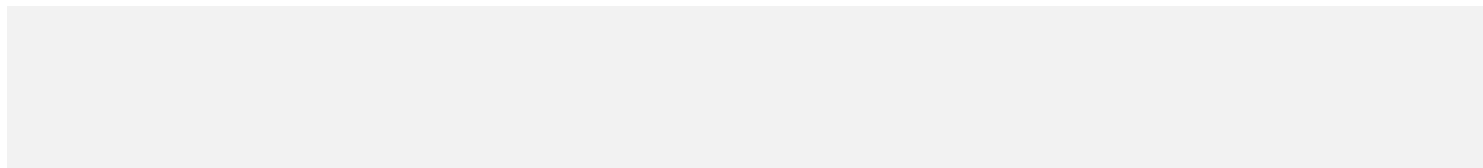
December 2024

<u>Principal Investigator Co-PI(s)</u>	<u>Type</u>	<u>Agency</u>	<u>Title</u>	<u>Amount</u>
Stadler, Shane	P	US Department of Energy (DOE)	Phase Transitions and Physical Behaviors in Metastable Multicaloric Materials	\$ 582,575.00
Twilley, Robert R	P	Syncom Space Services (S3)	Operation of the National Center for Advanced Manufacturing (NCAM) 2024-2025	\$ 450,000.00
Zachery, Tiffany S	P	US Department of Education (DOED)	Louisiana State University Ronald E. McNair Scholars Program	\$ 304,262.00
Giaime, Joseph A	P	California Institute of Technology (Caltech)	Head of Livingston Laser Interferometer Gravitational Wave Observatory	\$ 166,487.00
Hutchinson, Cory John Verret, Randall M Jr	P C	LA Highway Safety Commission	CARTS Traffic Records Support - 2025	\$ 675,573.00
Christofferson, Rebecca Catherine	P	Valneva USA, Inc.	Prevalence of chikungunya infection in existing cohort in Republic of Guinea	\$ 59,790.00
Forte, Adam	P	National Science Foundation (NSF)	Collaborative Research: Stochastic in Space and Time - Coupling Hydroclimatology to Long-term Erosion Rates in 2D	\$ 295,727.00
Oster, Anthony L	P	LSU Health Sciences Center-New Orleans	Pre-Allied Health Advising Between University College and the LSU	\$ 15,000.00
Mukhopadhyay, Supratik Jasim, Mahmood Qian, Yufeng	P C C	Meta	Building Foundations for Math Proficiency: Llama 3.1-driven intelligent tutor for Mastering Threshold Concepts	\$ 235,833.00
Zheng, Zequn Zhang, Hongchao	P C	National Science Foundation (NSF)	Computation of Non-symmetric Tensor Decomposition: Theory, Algorithms and Applications	\$ 239,806.00
Wilson, Carol	P	National Science Foundation (NSF)	Collaborative Research: Disentangling Substructure (NSF IBN11012000) (2024-2025)	\$ 100,000.00

Ghawaly, James Michael Jr Richard, Golden G III	P C	NextFlex	AI-Enabled Memory Block Validator	\$	136,415.00
Norris, Janet A Sykes, Jessica Rene	P C	Communication Development Center	Exploring Emotions Through Art: Expressions of Perception and Experiences of Stimming from the Autistic Perspective	\$	54,099.00
Sahebsara, Farid	P	National Science Foundation (NSF)	TIGER Square II: A Research and Educational Robotic Testbed for Heterogeneous Multi-Agent Systems	\$	170,000.00



Borges Vigil, Fabio Antonio	P	Oak Ridge Associated Universities (ORAU)	Effects of psilocybin as an acute treatment after a traumatic brain injury.	\$	5,000.00
Buckner, Julia D	P	University of Houston (UH)	Leveraging Technology to Reduce Cannabis-Related Disparities Among Black Individuals Who Use Cannabis	\$	303,968.00
Kazemian, Ali	P	LA Board of Regents (BOR)	Remote motion control of telerobotic large-scale 3D printing robots for ISRU-driven unmanned extraterrestrial construction	\$	40,000.00
Elgrishi, Noemie	P	Gordon and Betty Moore Foundation	Molec7 (a)-3.643.7 (n)-2.3 (n)-2.4 (ed)-2.4 (e)0.5 (x)-4.8 (t)1.		









AWD-006508	Magana-Loaiza, Omar	P	LSUAM   Robust generation and transfer of multiphoton states using reduced-symmetry quantum photonics	University of Iowa   01	\$	67,000.00	\$	-	\$	67,000.00
AWD-006509	Harrison, Cheryl	P	LSUAM   Cross-regional climate-ecosystem modeling infrastructure development	Mississippi State University   03	\$	403,608.00	\$	-	\$	403,608.00
AWD-006510	Meng, Xuelian	P	LSUAM   Demonstration of Enhanced Pasture Monitoring using Existing and Novel Technology	LSU Ag Center   05	\$	226,014.00	\$	-	\$	226,014.00
AWD-006511	George, Kevin	P	LSUAM   Louisiana School and Nonprofit Security Grant Program (LSNSGP)	LA Homeland Security & Emergency Preparedness (GOHSEP)   11	\$	50,000.00	\$	-	\$	50,000.00
AWD-006515	Johannsen, Neil	P	LSUAM   Pulmonary Embolism - Thrombus Removal with Catheter-Directed Therapy: The PE-TRACT Trial	Our Lady of the Lake Hospital, Inc and Our Lady of the Lake Physician Group, LLC   05	\$	8,125.00	\$	-	\$	8,125.00
AWD-006517	Fears, Nicholas E	P	LSUAM   MCH Research Network on Promoting Healthy Weight (HW-RN) among Children with ASD and other DD	University of Massachusetts Chan Medical Center   01	\$	25,000.00	\$	-	\$	25,000.00
AWD-006520	Krause, John Jason	P	LSUAM   FY24 Countering WMD Threats in Iraq	US Department of State	\$	134,468.00	\$	-	\$	134,468.00
AWD-006522	McMillan, Alvera H	P	LSUAM   McMillan GRP Early							







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