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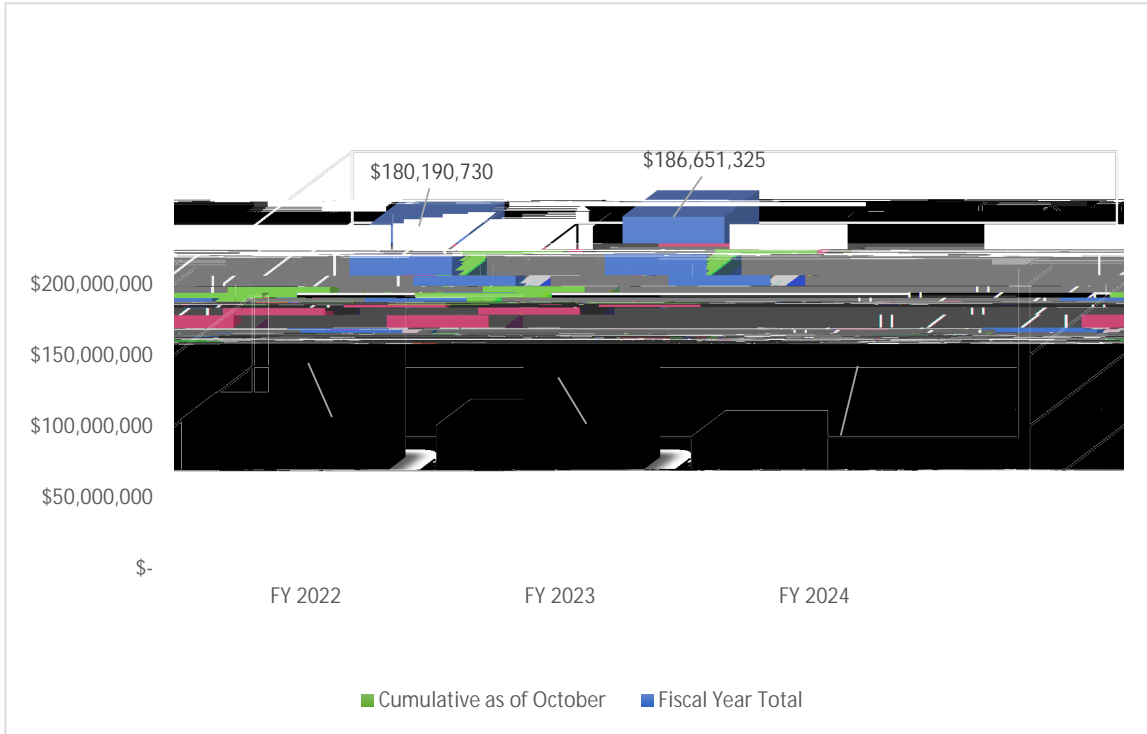
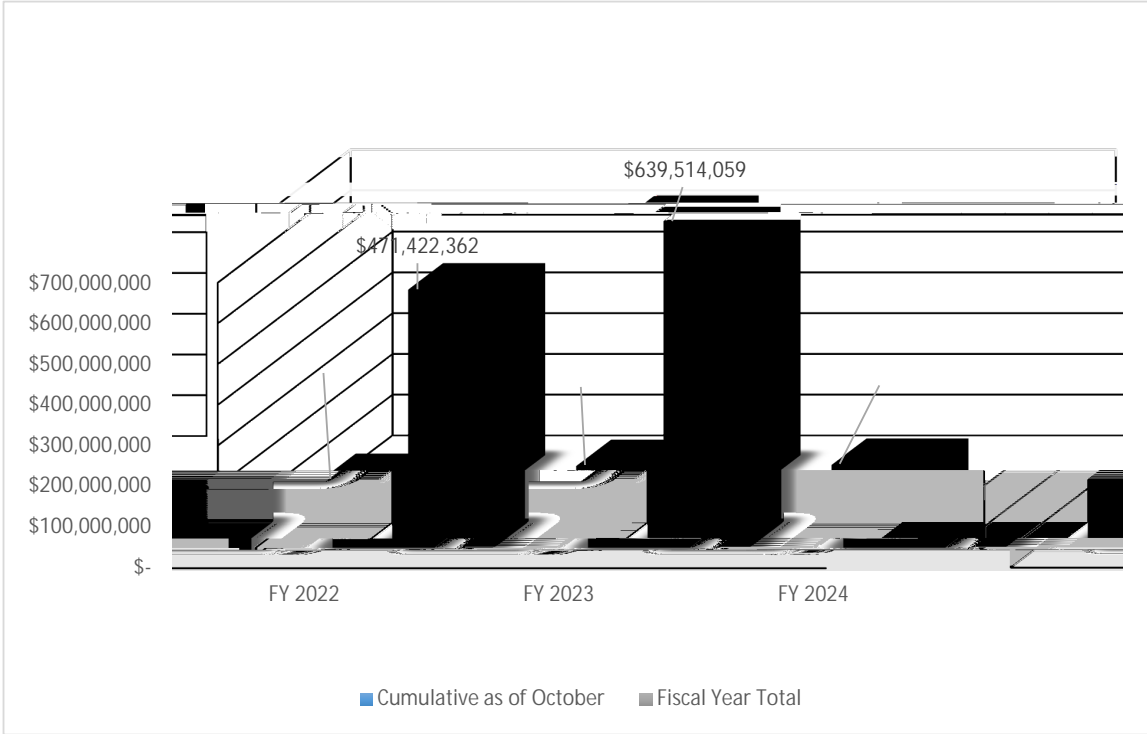
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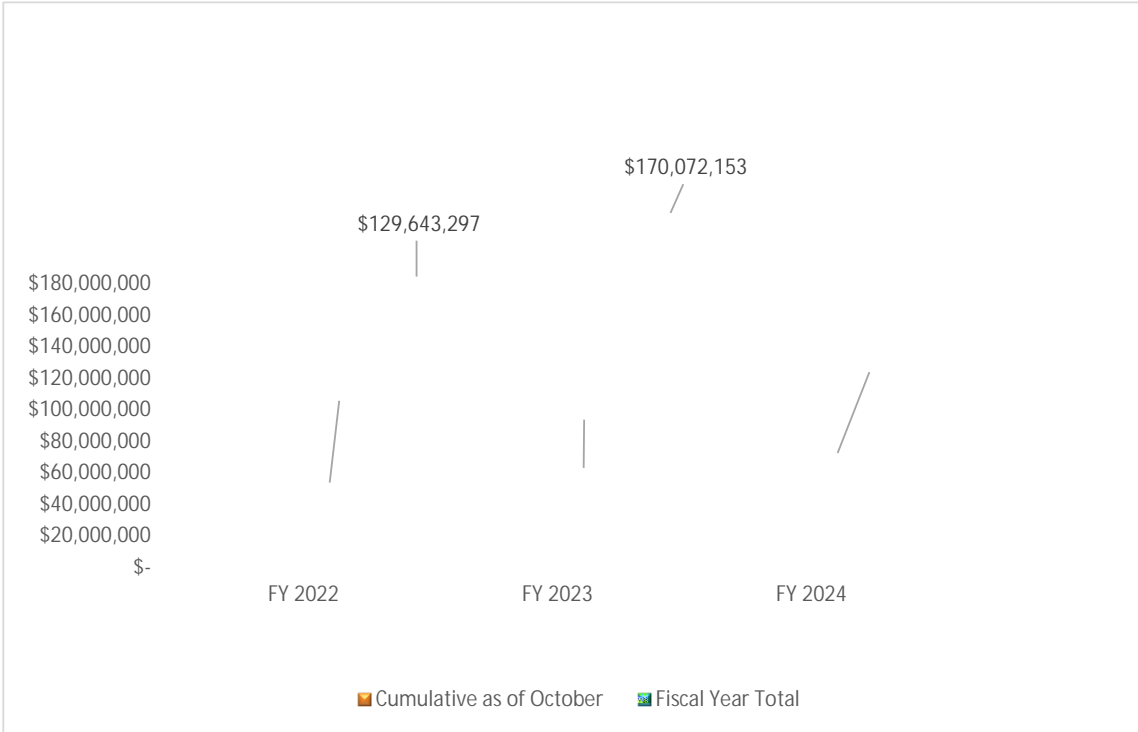
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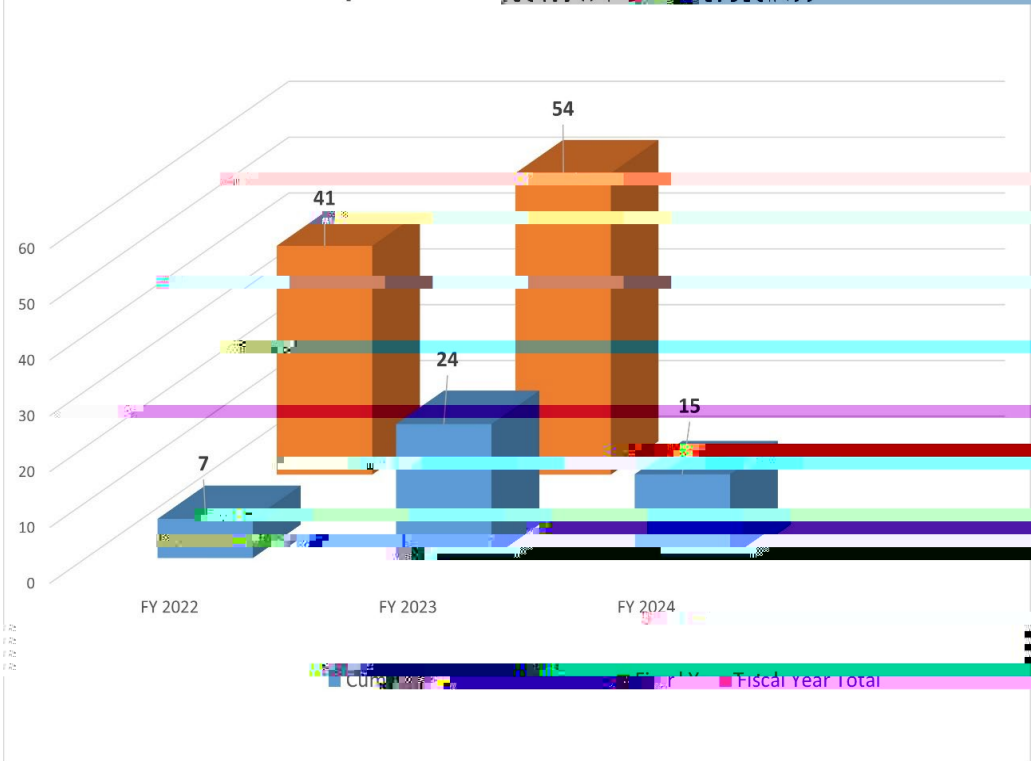
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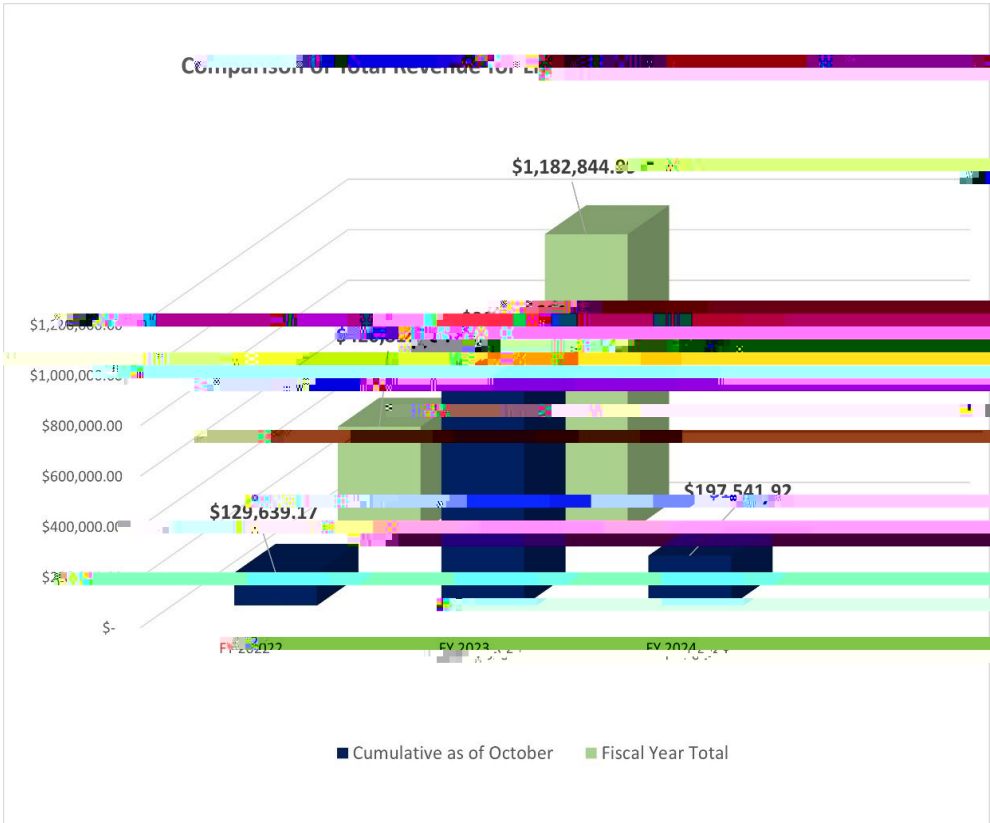
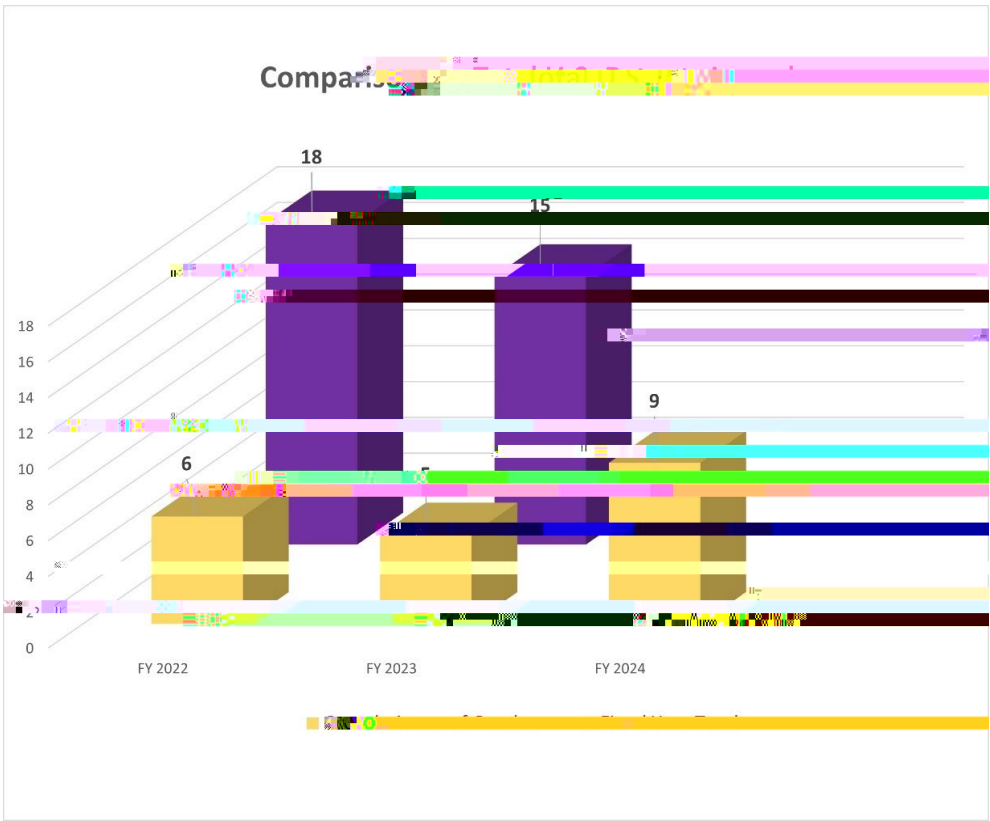




Report Footnotes: Proposal and award numbers are based off of project credit at time the report is generated.  
 Expenditure numbers are based off of the cost center charged at time the report is generated.

### Comparison of Invention Disclosures





Footnote: The monthly Combined Proposal and Award Activity report for previous years incorrectly reported patent metrics. This report and future reports include the revised totals.

Nikitopoulos, Dimitris E	P	Lockheed Martin Corporation	Augmented Reality	\$	9,000.00
Nikitopoulos, Dimitris E	P	Thermocontrol, Inc	Aerospace Temperature Probe Weld Fixture	\$	2,000.00
Nikitopoulos, Dimitris E	P	Shell	Safe Electrical Motor Starter Test Enclosure	\$	5,000.00
Nikitopoulos, Dimitris E	P	Hydrofin Pro, LLC	Mechanical hydrofoil lift and control system for pontoon boats	\$	2,000.00
Nikitopoulos, Dimitris E	P	Gulf Wind Technology, LLC	Automated Puck Cleaner and Preparer	\$	5,000.00
Marley, Scott T	P	Texas A&M University	Center of Excellence in Low Energy Nuclear Science	\$	56,883.00
Sones, Jennifer Liford	P	LSU Pennington Biomedical Research Center (PBRC)	Metabolic Basis of Disease	\$	222,000.00
Chancellor, Jeffery Newhauser, Wayne D	P C	National Aeronautics & Space Administration (NASA)	Integration of in-silico and in-vivo models for determining preclinical indicators and/or integrated biomarkers of radiation-induced vascular dysfunction	\$	819,079.00
Vatta, Adriano F	P	US Department of Agriculture (USDA)	Grazing with the Fun Guy (Fungi) - Small Ruminant Worl( W):		

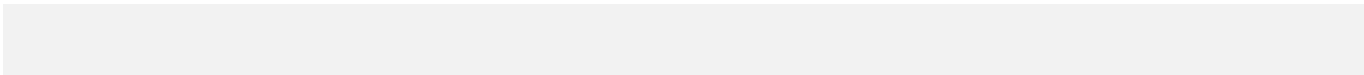
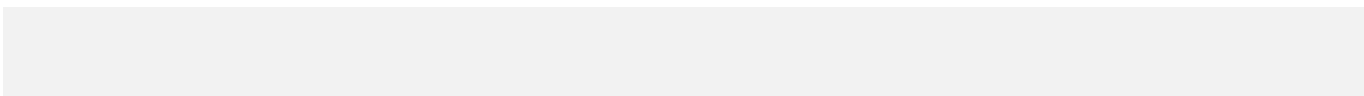
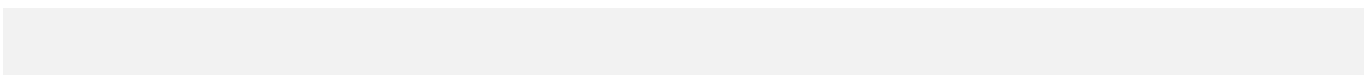
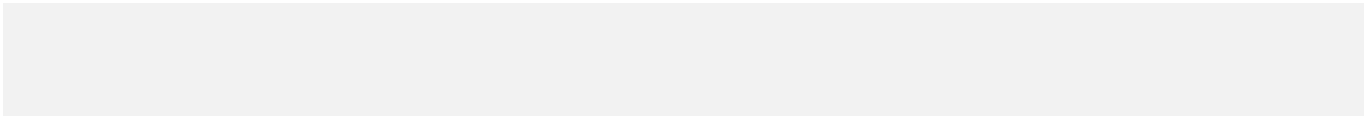
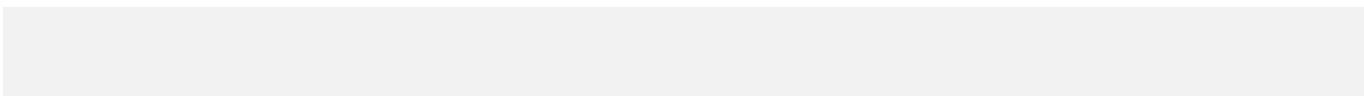
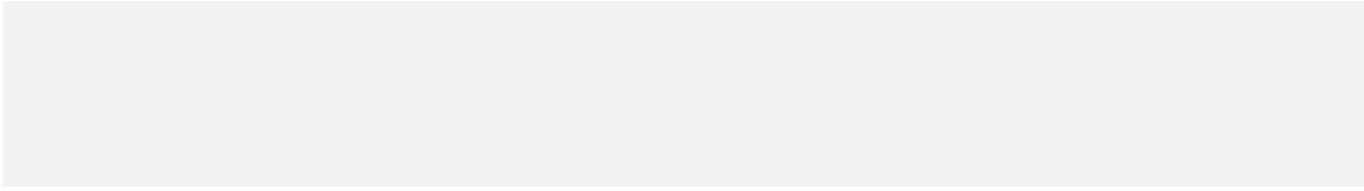


Long, Ling	P	National Science Foundation (NSF)	Hypergeometric Functions and Modular Forms	\$	256,345.00
Yao, Shaomian	P	National Institutes of Health (NIH)	Restoring the Lost Osteogenic Potential of In Vitro	\$	2,169,370.00
Guo, BeiBei	C		Expanded human bone marrow stem cells (hBMSCs): A		
Lopez, Mandi J	C		Focus on transcription factor AP2 alpha (AP2a) and		
Xu, Jian	C		PI3K/AKT Signaling		
Butler, Leslie G	P	Adelphi Technology, Inc.	Neutron Source Enabling Technologies and Components	\$	80,318.00
Dey, Joyoni	P	National Institutes of Health (NIH)	Patient-Specific Mean Glandular Dose and Glandular	\$	1,752,344.00
Newhauser, Wayne D	C		Fraction for Full Field Digital Mammography and Digital		
			Breast Tomosynthesis		
Sun, Chao	P	National Science Foundation (NSF)	RAISE: CET: Understanding the complex multilevel	\$	999,857.00
Liang, Junhong	C		performance and environmental impacts of floating		
Miller, Paul	C		offshore wind: supercomputing empowered multiscale		
Ozdemir, Celalettin	C		multidisciplinary modeling		
Monier, Jerry T Jr	P	LA Board of Regents (BOR)	Vulnerability Assessment Program	\$	99,691.00
Bou-Harb, Elias	P	University of Texas at San Antonio (UTSA)	Collaborative Research: CISE-MSI: Active and Passive	\$	247,499.00
			Internet Measurements for Inferring IoT Maliciousness at		
			Scale		
Dare, Emily Anna	P	Southern Methodist University	Equitable Participation in STEM: Epistemic Practices in	\$	485,395.00
			Small Group Engineering Activities in Grades K-5 (EPISTEM)		
Aulds, Kaylee	P	US Department of Transportation	Baton Rouge-LSU Community Connectivity Improvements	\$	18,000,000.00
			project		
Shepherd, David C	P	National Science Foundation (NSF)	Collaborative Research: Supporting Project-Based Learning		

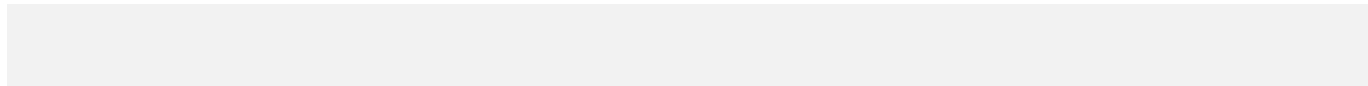
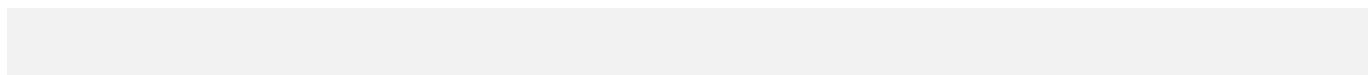
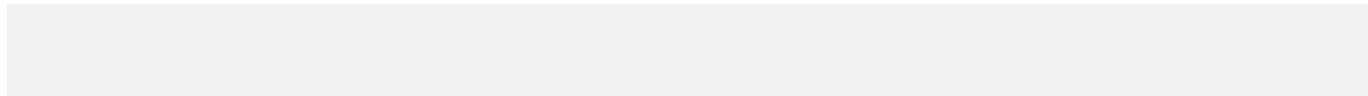
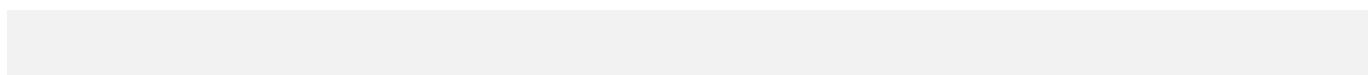
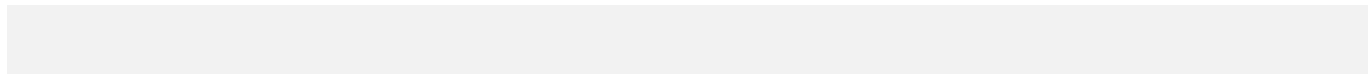
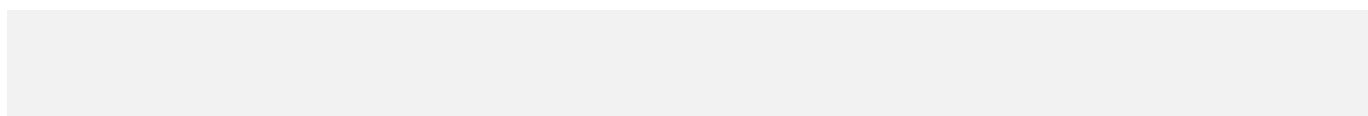
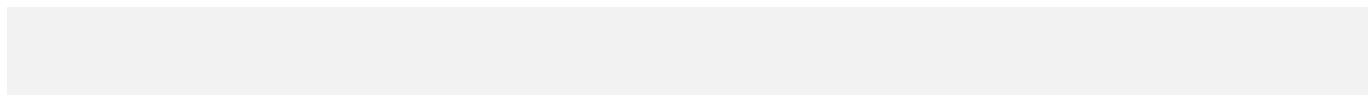
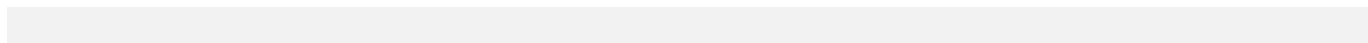
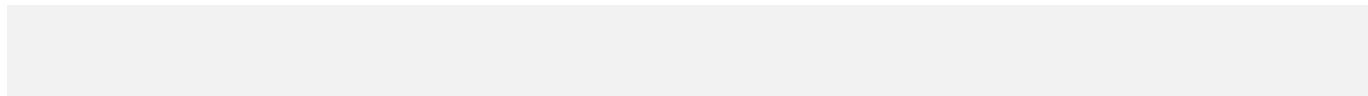
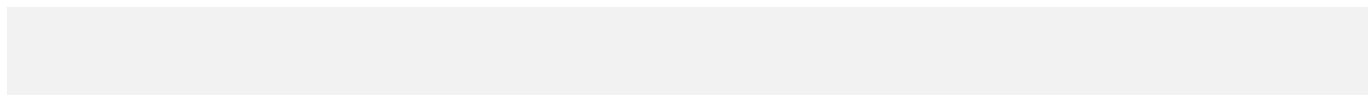


Li, Guoqiang	P	LA Board of Regents (BOR)	Machine Learning Assisted Design of Vitrimers for 4D Printing Lightweight Composite Structures	\$	1,380,000.00
Zhang, Donghui	C				
Lee, Yong-Hwan	P	National Institutes of Health (NIH)	Attenuated Salmonella-mediated down-regulation of fructose-2,6-bisphosphate as new cancer therapy	\$	401,100.00
Scott, Jennifer L	P	American Psychological Foundation	COPE Disaster Response: Examining the efficacy of a brief group-based psychoeducational intervention in reducing mental health distress in community first responders and building community disaster response teams	\$	34,000.00
Esselstyn, Jacob A	P	National Science Foundation (NSF)	Collaborative Research: Did thermal demands drive the evolution of extreme metabolism at the lower limit of mammalian body size?	\$	550,023.00
Sun, Chao	P	Purdue University	Photogrammetry and LiDAR-Based Precast Concrete Railroad Crossties Abrasion Damage Detections	\$	20,000.00
Summers, Glenn E	P	Institute of Internal Auditors Research Foundation	Internal Auditing Education Partnership (IAEP) and Awareness School Grant Program	\$	

20,000.00 JEMC / T484.082 61



Beck, Melissa R	P	LA Board of Regents (BOR)	Virtual Reality for Education, Workforce, and Citizen
Butler, Leslie G	C		T
Lee, Semin	C		
Lucas, Heather	C		
Vicente, Maria da Graca H	C		
Wilson-Kennedy, Zakiya Sheni	C		





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AWD-004217	Keim, Barry David	P	LSUAM   Southern Climate Impacts Planning Program (SCIPP) Phase IV: Planning for Long Term Change in a Short Term World	University of Oklahoma   04	\$	-	\$	446,104.00	\$	446,104.00
AWD-004247	Chen, Yu	P	LSUAM   CAREER: Leveling the Playing Field in STEM: Post-transfer Success for Underrepresented Racial Minority Community College Transfers	National Science Foundation (NSF)	\$	-	\$	113,883.00	\$	113,883.00
AWD-004283	Hiatt, Matthew	P	LSUAM   CAREER: Dynamic Water Transpor.573 0 TC.1	National Science Foundation (NSF)	\$	-	\$	70,513.00	\$	70,513.00

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AWD-005633	Burns, A Baggili, Ibrahim	C P	LSUAM   2023 NCAE Program - Rochester Institute of Technology: NCAE Cybersecurity Coalition for Transitioning Military Students	Rochester Institute of Technology (RIT)   01	\$	174,950.00	\$	-	\$	174,950.00
AWD-005635	Do, Bich Robison, Samuel Berwyn Sinclair, Hillary Colleen Terrio, Stacey Renee Rhodes, Judith	C C C C P	LSUAM   Geaux Math! EBRPSS &LSU: Differentiating Lessons with AI	East Baton Rouge Parish School System (EBRPSS)   14	\$	50,000.00	\$	-	\$	50,000.00
AWD-005637	Shepherd, David C	P	LSUAM   Development of a Novel Virtual Reality Treatment for Emerging Adults with ADHD	Rutgers, The State University of New Jersey   01	\$	184,394.00	\$	-	\$	184,394.00
AWD-005638	Shepherd, David C	P	LSUAM   Collaborative Research: Minoritized Youth Computer Science Learning, Belonging and Career Interest: Coding and Creating with Beats	National Science Foundation (NSF)	\$	196,808.00	\$	-	\$	196,808.00
AWD-005639	Liang, Junhong	P	LSUAM   Collaborative Research: Using models and historical data to guide effective monitoring and enhance understanding of deep ocean oxygen variability	University of Maryland	\$	9,375.00	\$	-	\$	9,375.00
AWD-005640	Fava, Colleen Helen Guzik, T Gregory	C P	LSUAM   Scientific and Technical Management for the Regolith Materials FY23 R3 Project	LA Board of Regents   12	\$	10,000.00	\$	-	\$	10,000.00
AWD-005641	Fava, Colleen Helen Guzik, T Gregory	C P	LSUAM   Scientific and Technical Management for the Lab on Chip FY23 R3 Project	LA Board of Regents   12	\$	10,000.00	\$	-	\$	10,000.00
AWD-005642	Fava, Colleen Helen Guzik, T Gregory	C P	LSUAM   Scientific and Technical Management for the Thermal Properties FY23 R3 Project	LA Board of Regents   12	\$	10,000.00	\$	-	\$	10,000.00
AWD-005643	Seibert, Dominique Lively, Julie Ann	C P	LSUAM   Return 'Em Right: Growing a program to sustain Gulf of Mexico Reef Fisheries through barotrauma reduction using fish descending devices	University of Florida   09	\$	19,988.00	\$	-	\$	19,988.00
AWDC-000557	Nikitopoulos, Dimitris E	P	LSUAM   Mechanical Engineering Capstone Design Program	Consortium for Capstone Design Projects	\$	-	\$	14,000.00	\$	14,000.00
AWDC-000882	Kutter, Thomas J	P	LSUAM   Nucleon Decay and Neutrino Experiments (T2k Nd80 Detector Maintenance and Oper	The Research Foundation for the State University of New York	\$	6,000.00	\$	-	\$	6,000.00

