



## Combined Proposal and Award Activity Report

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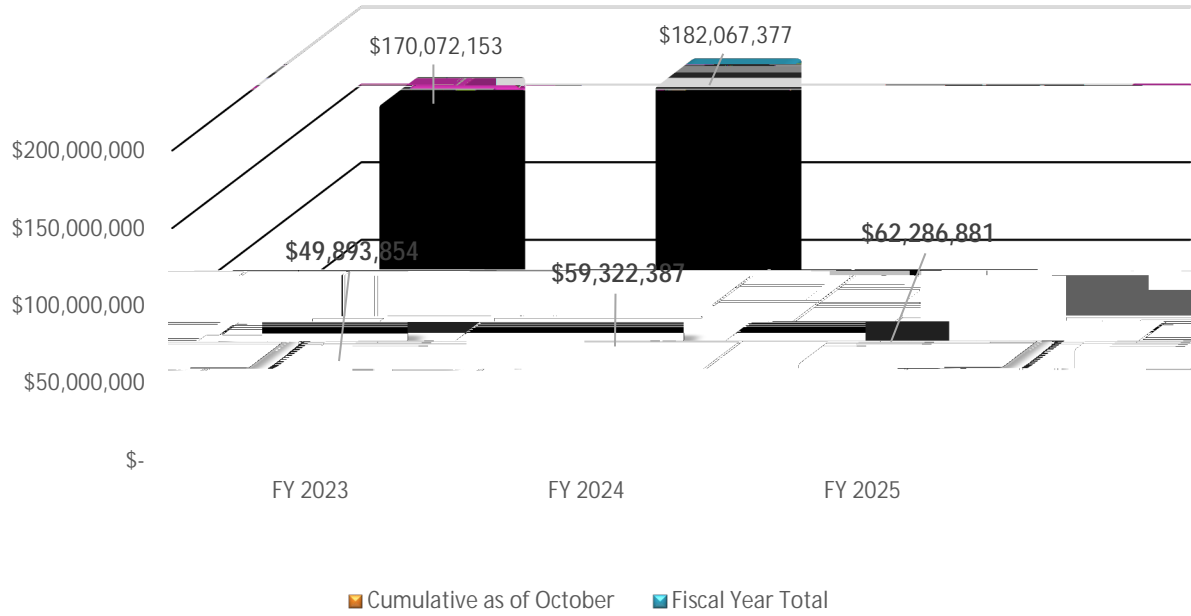
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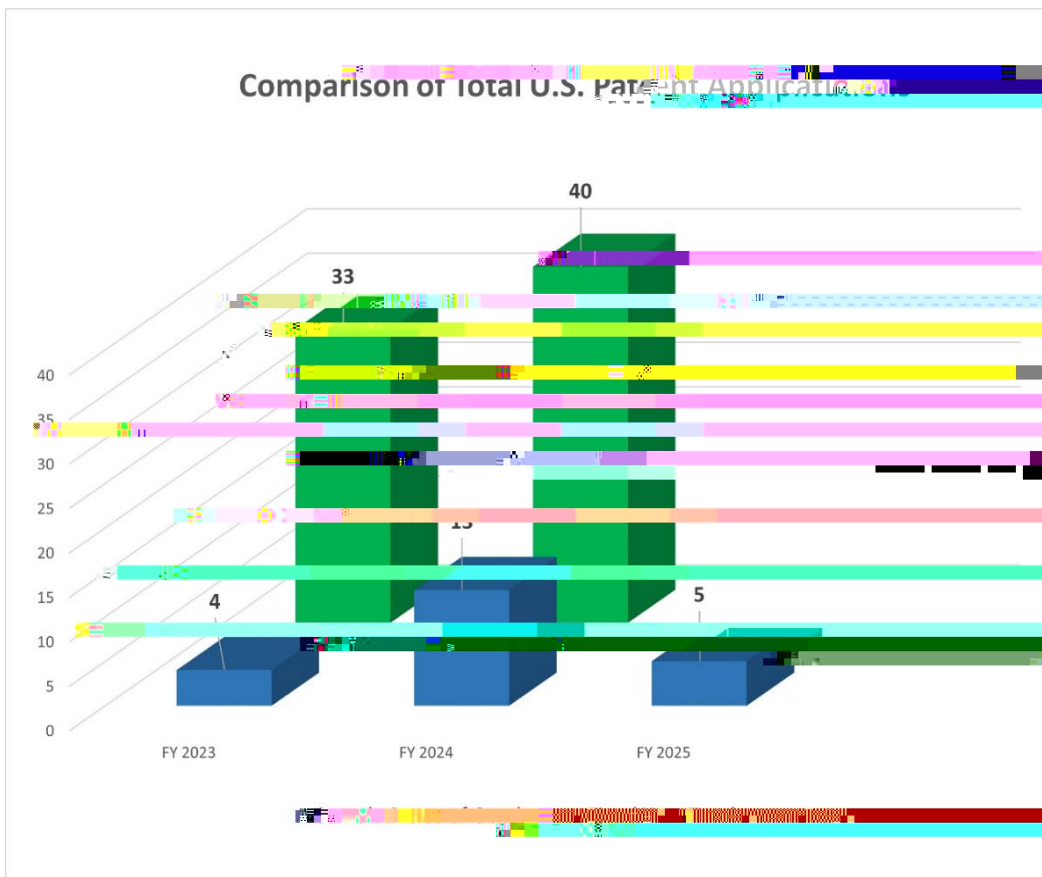
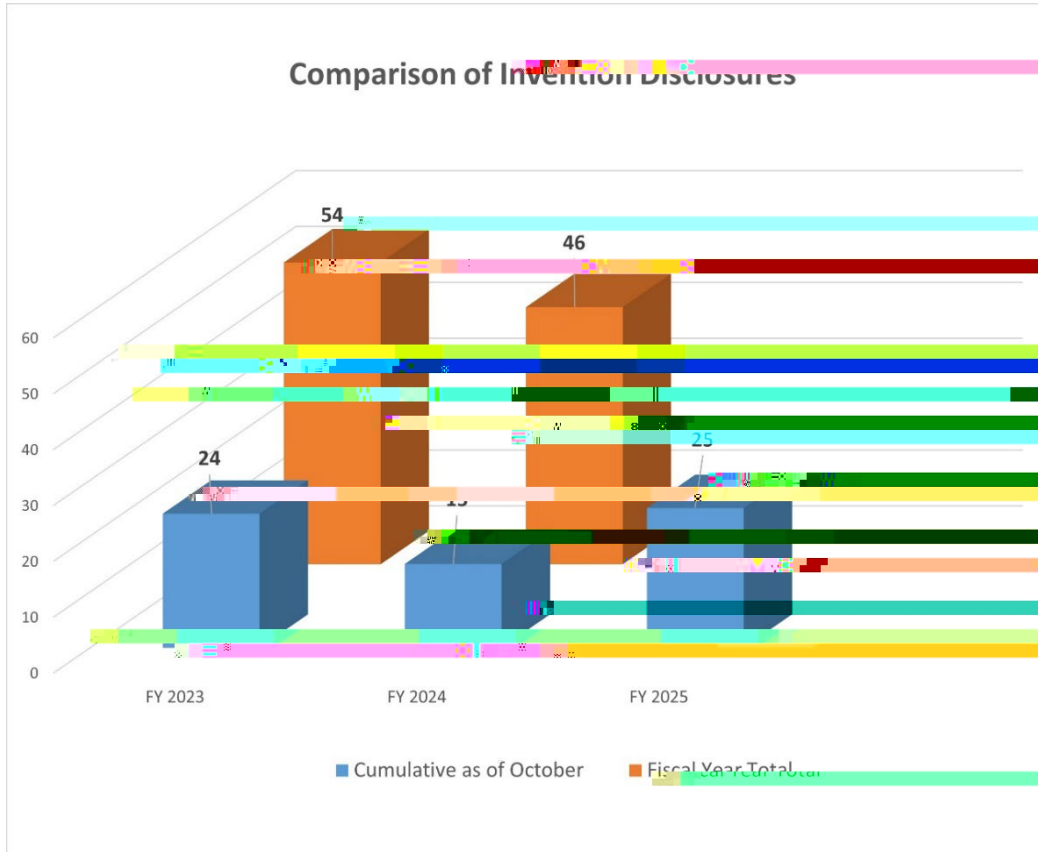


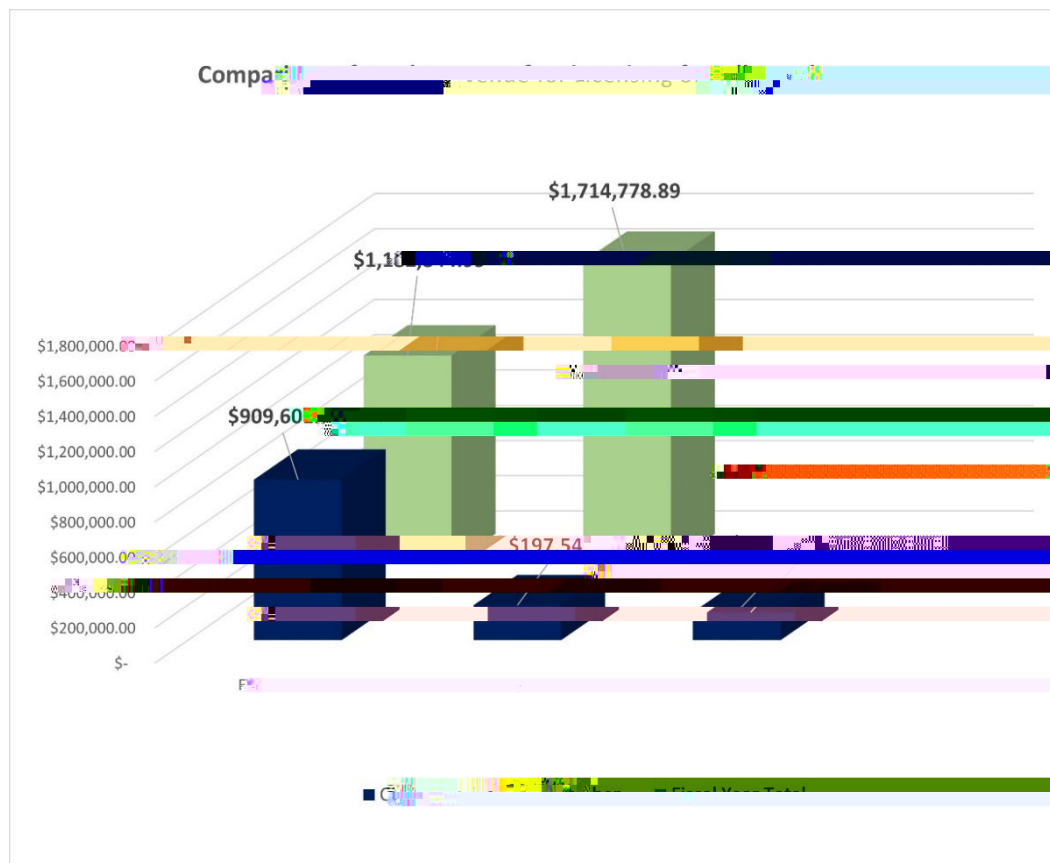
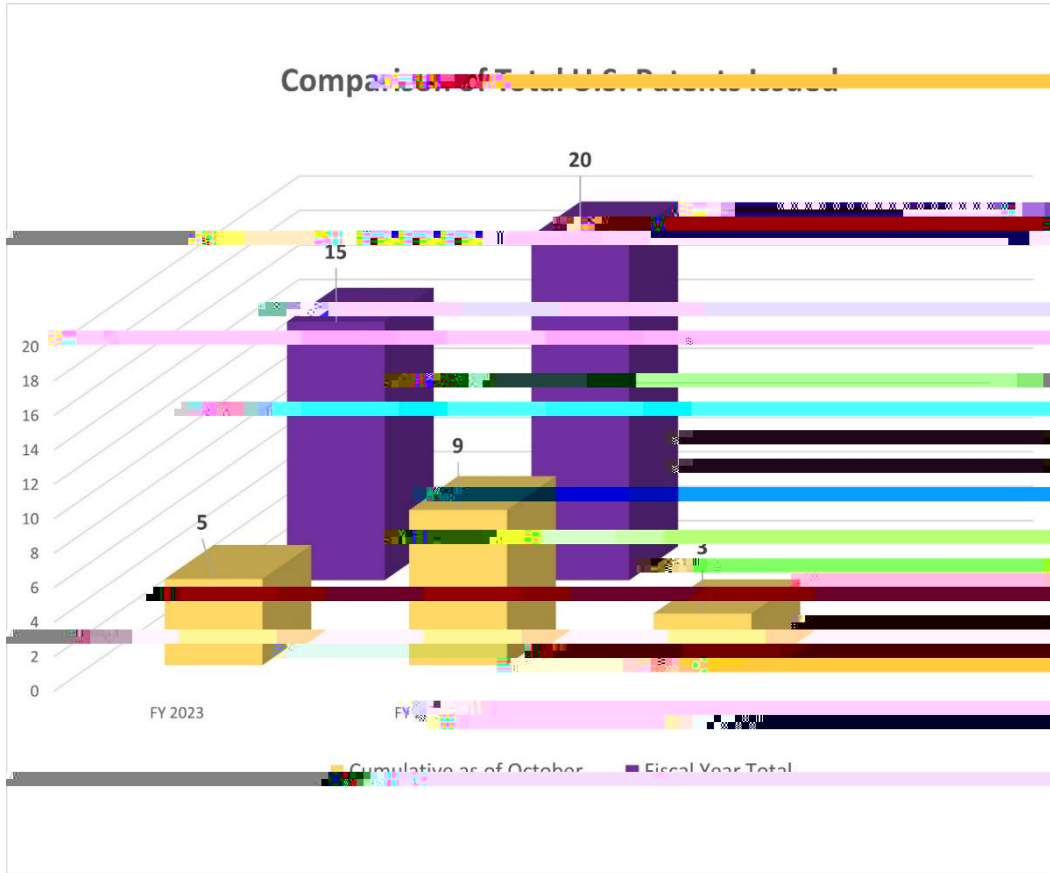
### Comparison of Expenditure Data for past 3 years



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





Principal Investigator

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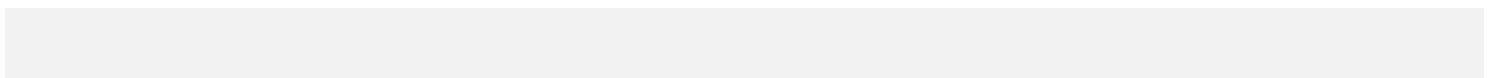
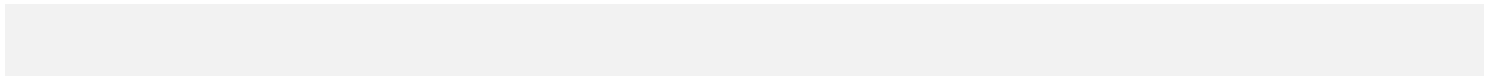
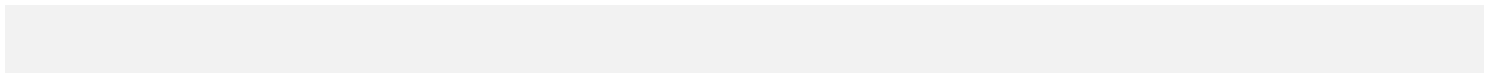
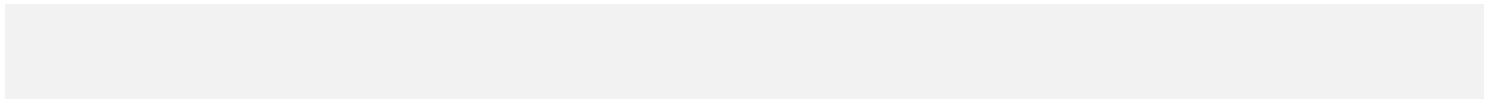
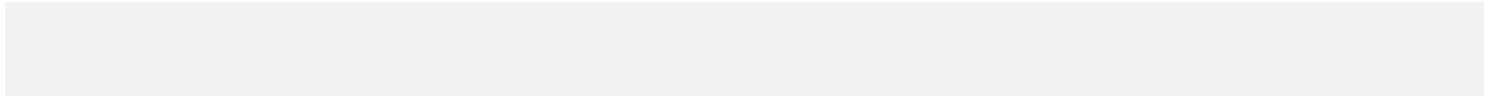
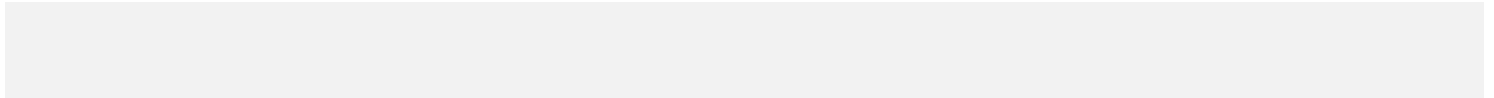
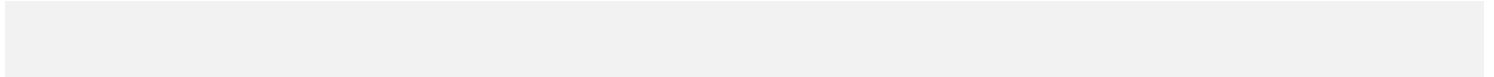
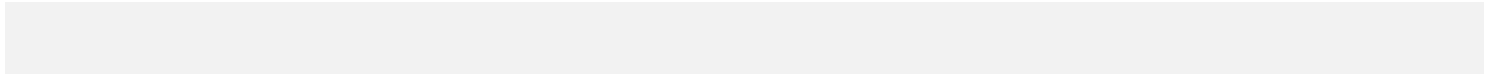
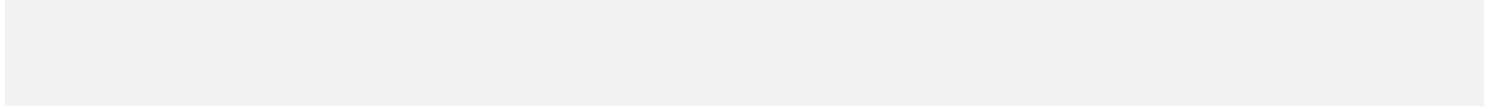
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Dare, Emily Anna	P	Southern Methodist University	Equitable Participation in STEM: Epistemic Practices in Small Group Engineering Activities in Grades K-5 (EPISTEM)	\$	525,516.00
Bruckner, Muriel	P	National Science Foundation (NSF)	Collaborative Research: Quantifying the Role of Oyster-Saltmarsh Interactions in Driving Coastal Sediment Transport and Morphology	\$	229,346.00
Rivas, Fatima	P	National Science Foundation (NSF)	Harnessing Conjugation Cascades to Engineer Sophisticated Molecular Structures	\$	578,316.00

Robinson, Petra  
Hager, Bethany Anne  
Williams, Tyrslai Menyae  
McMillan, Alvera H

Richard, Golden G IIIEMC BT/TD 4TD 4MCID 17 BDC q7.44 598.2 108.12 57.72 reW 8le o2 637.4468 (w 8.04 (r 8.04 8.52 648.24 TEMC /TD 4MCID 14 BDC -0.(en)-3.4 9)0.5 (6)0)TJ-0.005









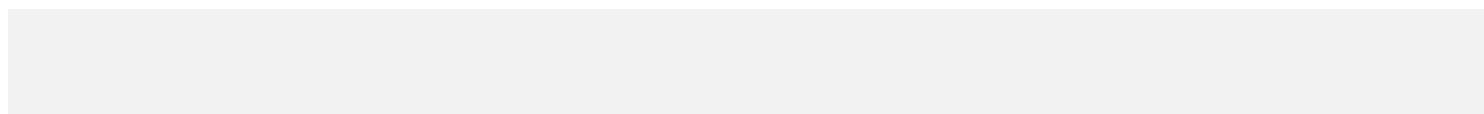
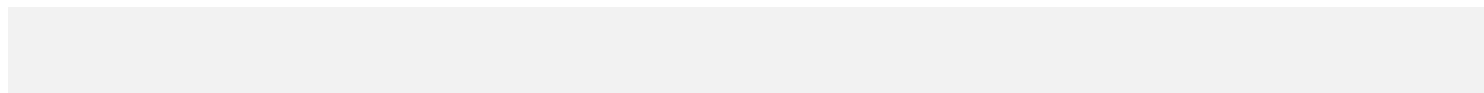
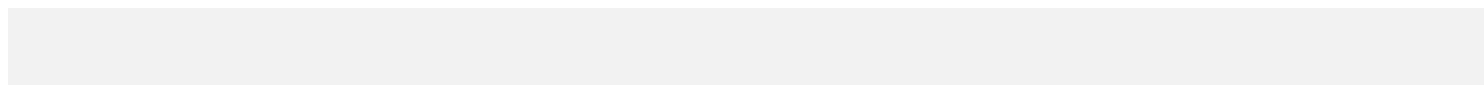
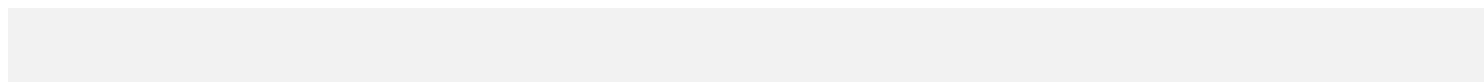




Chen, Yuanhang	P	Texas A&M Engineering Experiment Station (TEES)	Standardized Framework for Design and Operation of Managed Pressure Drilling Systems in U.S. OCS Operations	\$	496,980.00
Santos, Otto Luiz	C				
Tyagi, Mayank	C				
Almeida, Mauricio Aguiar	O				
McLindon, Christopher	O				
Restrepo Perez, Luisa F	P	LA Board of Regents (BOR)	Digital Arts & Design Fabrication Network	\$	181,011.00
Barr, Courtney A	C				
Freeman, Conrad Thomas	C				
Parker, Roderick A	C				
Kousoulas, Konstantin G	P	National Institutes of Health (NIH)	Novel Live attenuated vaccines against Herpes Simplex Type 2	\$	412,500.00
Stanfield, Brent	C				
Veggiani, Gianluca	P	National Institutes of Health (NIH)	System-wide modulation of phosphorylation landscapes to enhance CAR-T cell therapy	\$	600,000.00
Huang, Weishan	C				
Voyiadjis, George Z	P	LA Board of Regents (BOR)	Advancing CEE-LSU Research/Education facilities to enhance Sustainability and Resilience of Infrastructure in Coastal Louisiana	\$	903,639.00
Bruckner, Muriel	C				
Hassan, Hany	C				
Kameshwar, Sabarethinam	C				
Okeil, Ayman M	C				
Tyagi, Mayank	P	University of California at Los Angeles	An Artificial Intelligence Driven Risk Approach using diverse data streams with deep uncertainties for detecting imminent and evolving containment failures in offshore environments	\$	100,000.00
Tyagi, Mayank	C				
Wang, Yanyu	P	LA Transportation Research Center (LTRC)	Artificial Intelligence and Its Role and Use Within State Departments of Transportation	\$	98,930.00
Farasat, Mehdi	P	Texas A&M Engineering Experiment Station (TEES)	Ocean wave energy powered wireless charging infrastructure for underwater inspection remotely operated vehicles	\$	325,797.00
Barbalata, Corina	C				
Ozdemir, Celalettin	C				
Murashov, Alexander	P	National Institutes of Health (NIH)	Diet, microRNAs, and transgenerational effects on mitochondrial bioenergetics in normal and Huntington's disease Drosophila	\$	3,019,750.00
Bhattacharya, Arup	P	LA Board of Regents (BOR)	Developing a BIM-integrated uncertainty modeling framework for energy and emission analysis during construction	\$	308,522.00
Jafari, Amirhosein	C				
Stein, Adrian	C				
Zhu, Yimin	C				
Jafari, Amirhosein	P	LA Board of Regents (BOR)	Smart-Adaptive Energy Management [SAEM]: Integrating Centralized and Local Systems in Commercial Buildings for Enhanced Efficiency	\$	349,537.00
Bhattacharya, Arup	C				
Zhu, Yimin	C				
Tam, Ka Ming	P	National Science Foundation (NSF)	Collaborative Research: OAC Core: DISORDER+: A Toolbox for Disordered Interacting Quantum Systems In and Out of Equilibrium	\$	199,989.00
Haber, Louis H	P	Pennsylvania State University	Development of the Light Inducible Gene Regulation (LIGeR) system for Spatiotemporally Controlled Delivery for RNA Therapeutics	\$	593,212.00
Smiley, Kevin	P	RAND Corporation	Climate Change and Mental Health Among Older Adults in the US Gulf Coast	\$	385,907.00
Slack, Timothy A	C				
Kaiser, Hartmut	P	National Science Foundation (NSF)	Collaborative Research: SHF: Medium: UDGRAPH: Unified Distributed Graph Processing using High-Level Generic Algorithm Interfaces	\$	6 Tm[(C)85 ( F)-80.5 ( Tm
Rastegar Tohid, Mohammad	C				
Waltrich, Paulo	P	Texas A&M Engineering Experiment Station (TEES)	Low-Cost Early-Kick-Detection Method via While-Drilling-Measurement Tools	\$	



Rao, Dandina N Saikia, Bikash Deep	P C	National Science Foundation (NSF)	Pilot Test of Vertical-Well Gas-Assisted Gravity Drainage (VW-GAGD) Process in a Depleted Louisiana Oil Field	\$	120,675.00
Wang, Lei	P	LA Board of Regents (BOR)	GIS-hub for elevation certification with low-cost LiDAR on smart devices	\$	39,938.00
Calamia, Matthew Ray	P	Arizona State University (ASU)	Developing a performance-based measure of daily function		



# Awards Budgeted by SPA

Award ID	Principal Investigator Co. Type	Award Name
	PI(s)	
AWD-002782	Scolaro, Bianca Cook, Robert L Dugas, Tammy Renee Khachatryan, Lavrent Lomnicki, Slawomir Noel, Alexandra Penn, Arthur L Reams, Margaret Anne Sprunger, Phillip Williams, Tyrslai M Cormier, Stephania A	A C C C C C C C C C P
AWD-002970	Williams, Tyrslai m Vicente, Maria da Graca	A P
AWD-002988	Fava, Colleen Helen	P
AWD-002995	Winter, Ty Whitney	P
AWD-003051	Johannsen, Neil Hondzinski, Jan M	C P
AWD-003348	Winter, Ty Whitney	
AWD-003567	Twilley, Robert R	
AWD-003952	Abdalla, Ahmed Christie, Kofi Shomari S Deng, Zhiqiang Lorenzo, Juan M Tsai, Frank Tsung-Chen	
AWD-004030	Seibert, Dominique Lively, Julie Ann	
AWD-004192	Garden, Oliver	

AWD-004291	Moldovan, Dorel Park, Sunggook	C P	LSUAM   Biotechnology Resource Center for BioModular Multi-scale Systems (CBM2) for	University of Kansas Center for Resear	\$	-	\$	79,081.00	\$	79,081.00
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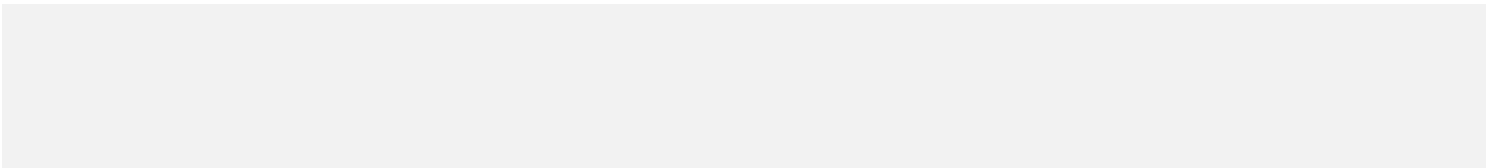
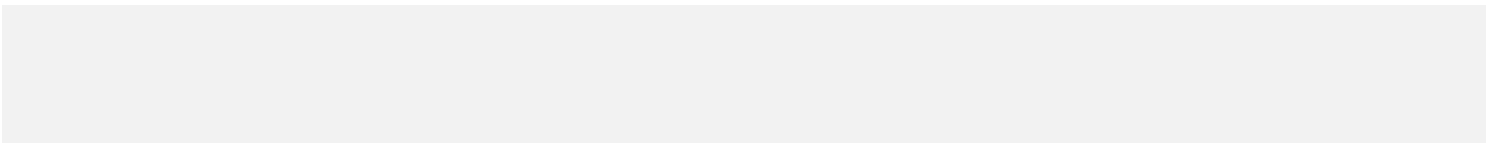
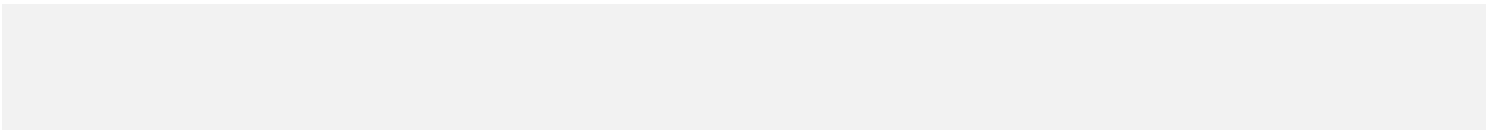
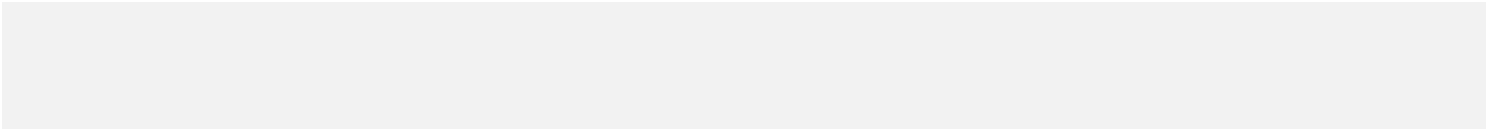
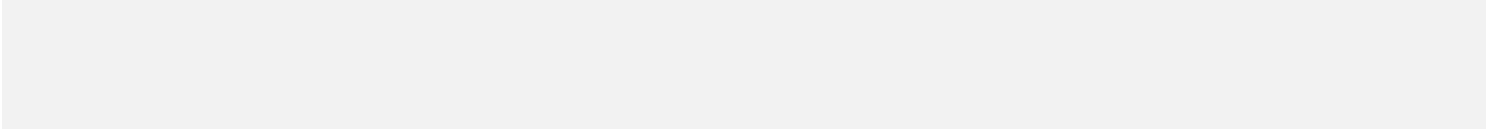




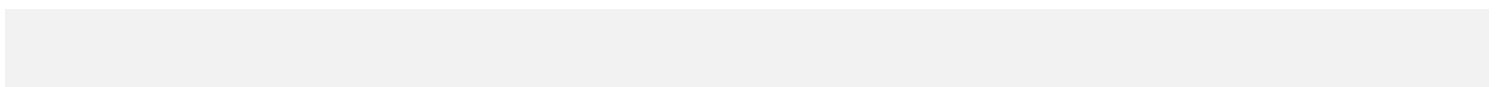
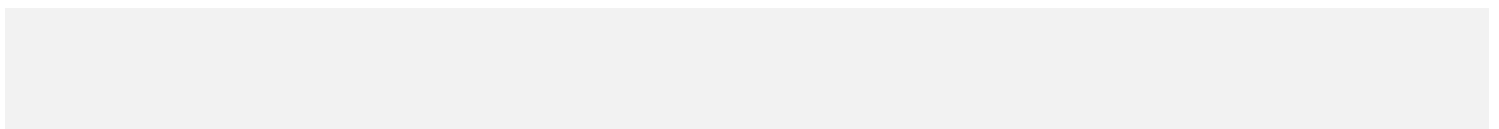
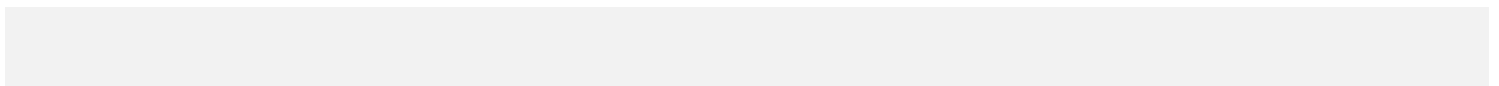
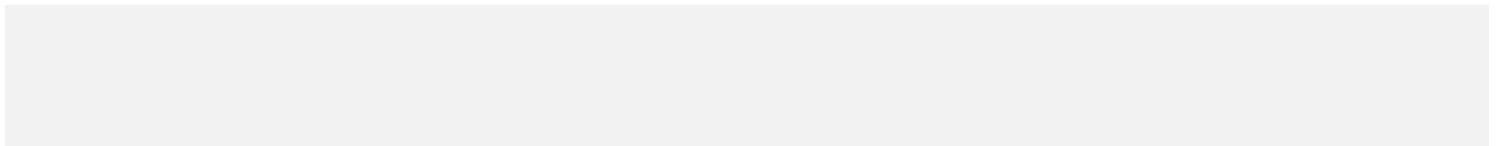
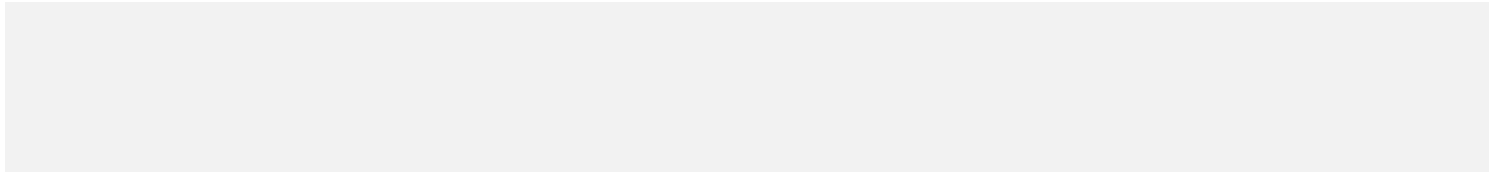
AWD-006383	Hinkel, Natalie Rose	P	LSUAM   Reviews in Mineralogy and Geochemistry (RiMG) Tropical Workshop: Exoplanets: Compositions, Mineralogy, Evolution	NASA-Goddard Space Flight Center   03	\$	49,996.00	\$	-	\$	49,996.00
AWD-006384	Moncrieff, Andre Eugene	P	LSUAM   How do river rearrangements impact Amazonian biodiversity	American Ornithological Society (AOS)	\$	15,000.00	\$	-	\$	15,000.00
AWD-006385	Dance, Michael	P	LSUAM   Investigating Scale Bias in Marine Minerals Research	US Department of Interior-BOEM   05 13190 reW nBT7.9592	\$	131,502.00	\$	-	\$	131,502.00

AWD-006386 Nahmens,ns,ns,ns

AWD-006401	Blackmon, Bret Long, Anna C Terrio, Stacey Renee Rhodes, Judith	C C C P	LSUAM   AWARE II: LA School Behavioral Health Support Program - Data Collection and Technical Assistance	LA Dept of Education   19	\$	268,525.00	\$	-	\$	268,525.00
AWD-006402	Bethel, Matthew Byron	P	LSUAM   A/EEO-6: Promoting Gulf-wide NOAA and Sea Grant partnerships to advance regional priorities	US Department of Commerce-NOAA   05	\$	71,436.00	\$	-	\$	71,436.00
AWD-006403	Capron, Daniel Tucker, Raymond Hill, Ryan Michael	C C P	LSUAM   Creation of a Youth Suicide Safety Planning Training							



AWD-006418	Lipton, Robert P	P	LSUAM   Complexity, Nonlocality, and Uncertainty in Heterogeneous Solids	Carnegie Mellon University	\$	95,466.00	\$	-	\$	95,466.00
AWD-006421	Cohen, Alex S	P	LSUAM   Developing Data-Driven Clinical Signatures for People Who Experience Hallucinations	University of Washington (UW)   01	\$	61,014.00	\$	-	\$	61,014.00
AWD-006422	Li, Chunyan	P	LSUAM   LSU AERONET Sensor Maintenance	Naval Research Laboratory   01	\$	20,000.00	\$	-	\$	20,000.00
AWD-006423	Ashburn, Amanda Jane	C	LSUAM   MONO Best6 (7.9591(o)							



AWDC-000562	Blackmon, Jeffery C Jr	P	LSUAM   Dr. Wayne Newhauser as Chief of Medical Physics at MBPCC	Mary Bird Perkins Cancer Center	\$	-	\$	365,028.00	\$	365,028.00
AWDC-000642	Matthews, Bobby Lynn	P	LSUAM   Pret 737.3878 Tm(P.087							







