

**Monthly Proposals Report for January 2024**  
**Office of Grants and Contracts, University of North Texas**

<b>Proposals Total by College</b>	<b>January 2023</b>	<b>January 2024</b>	<b>YTD FY2023</b>	<b>YTD FY2024</b>
College of Education	\$ 4,906,226	\$ 128,704	\$ 13,393,102	\$ 6,552,462
College of Engineering	\$ 2,824,420	\$ 10,872,842	\$ 36,384,435	\$ 57,220,403
College of Health & Public Service	\$ 615,828	\$ 803,879	\$ 6,482,094	\$ 5,206,513
College of Information	\$ 4,224,058	\$ 1,349,371	\$ 8,127,563	\$ 7,721,706
College of Liberal Arts & Social Sciences <sup>3</sup>	\$ 622,176	\$ 2,957,760	\$ 6,683,006	\$ 12,793,258
College of Merchandising Hospitality and Tourism	\$ 679,200	\$ -	\$ 3,576,329	\$ 273,863
College of Science	\$ 8,923,339	\$ 7,165,815	\$ 30,623,039	\$ 43,160,355
College of Visual Arts and Design	\$ 9,994	\$ -	\$ 229,994	\$ 124,234
College of Music	\$ -	\$ -	\$ -	\$ -
Ryan College of Business	\$ -	\$ 313,397	\$ 880,810	\$ 4,090,496
Other <sup>1</sup>	\$ 1,072,912	\$ 7,489	\$ 2,602,766	\$ 1,817,090
<b>Grand Total:</b>	<b>\$ 23,878,153</b>	<b>\$ 23,599,257</b>	<b>\$ 108,983,137</b>	<b>\$ 138,960,380</b>

<b>Proposals Total by Category</b>	<b>January 2023</b>	<b>January 2024</b>	<b>YTD FY2023</b>	<b>YTD FY2024</b>
Instruction	\$ 4,686,145	\$ -	\$ 13,159,580	\$ 1,100
Public Service	\$ 803,140	\$ -	\$ 2,367,432	\$ 10,000
Research (Applied, Basic, Development)	\$ 17,329,189	\$ 23,599,257	\$ 90,866,591	\$ 138,650,630
Other <sup>2</sup>	\$ 1,059,679	\$ -	\$ 2,589,534	\$ 298,650
<b>Grand Total:</b>	<b>\$ 23,878,153</b>	<b>\$ 23,599,257</b>	<b>\$ 108,983,137</b>	<b>\$ 138,960,380</b>

<b>Proposals Total by Source of Funding</b>	<b>January 2023</b>	<b>January 2024</b>	<b>YTD FY2023</b>	<b>YTD FY2024</b>
Federal	\$ 17,639,327	\$ 18,252,981	\$ 93,061,624	\$ 125,489,841
Private	\$ 6,094,245	\$ 5,096,275	\$ 15,220,601	\$ 12,792,834
State	\$ 144,581	\$ 250,001	\$ 700,912	\$ 677,705
<b>Grand Total:</b>	<b>\$ 23,878,153</b>	<b>\$ 23,599,257</b>	<b>\$ 108,983,137</b>	<b>\$ 138,960,380</b>

**Notes:**

1

Other includes UNT Libraries, Vice Provost for Academic Outreach, International Affairs, Student Engagement, Police Services, University Information Service, and Research & Innovation

2 Other includes Career, Conference, Equipment, Fellowship, Infrastructure/Facilities, Student Support, Travel, and Training

3 "CLASS" includes Mayborn School of Journalism departments as of 09/01/2019

*Special Note:*

*In detailed proposal data, PI is the Cayuse SP named Lead Principal Investigator and Co-PI is any Cayuse SP named Principal Investigator. Recognition in the detailed proposal data is distributed from the Allocation of Credit as entered in Cayuse SP.*

# Proposals, January FY2024

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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## College of Education

### Counseling & Higher Education

#### Baldwin, Veronica

GFP0001353 New	Enhancing Biomedical Research Workforce Training by Fostering Gender Equity	Research-Basic	University of North Texas Health Science	Federal Flow-through	PI	12/1/2024	2	8.00%	100	\$75,282	Pending Sponsor Review
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Totals for **Baldwin, Veronica** \$75,282

Totals for **Counseling & Higher Education** \$75,282

## Educational Psychology

#### Middlemiss, Wendy

GFP0001369 New	Designated sleep space, Responsive care, and Education to Achieve Maternal empowerment for Safer infant sleep (DREAMS)	Research-Basic	University of North Texas Health Science	Federal Flow-through	PI	9/1/2024	2	48.50%	100	\$53,422	Pending Sponsor Review
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Totals for **Middlemiss, Wendy** \$53,422

Totals for **Educational Psychology** \$53,422

Totals for **College of Education** \$128,704

## College of Engineering

### Biomedical Engineering

#### Chan, Tsz Yan Clement

*Chan, T., PI; Li, L., CoPI; Biomedical Engineering*

GFP0001314 New	Engineering Probiotics to sense and sequester heavy metal species with a genetic circuit approach	Research-Applied	National Institutes of Health	Federal	PI	9/1/2024	5	48.50%	90	\$1,691,722	Pending Sponsor Review
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Totals for **Chan, Tsz Yan Clement** \$1,691,722

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
<b>Ecker, Melanie</b>												
<i>Ecker,M.,CoPI; Biomedical Engineering; Omary,M.,PI; Chemistry</i>												
GFP0001384 New	Hydrophobic Enhancement of Luminescence Quantum Yield in Novel DNA Metallo-Intercalators	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	Co-PI	6/1/2024	3	0.00%	40	\$120,000	Pending Sponsor Review	
		Totals for	<b>Ecker, Melanie</b>							<b>\$120,000</b>		
<b>Esmailie, Fateme</b>												
GFP0001263 New	A reduced-order AI-assisted multiphysics multiscale model of thrombus formation on transcatheter aortic valves	Research-Applied	Oak Ridge Associated Universities	Foundation/Not For Profit	PI	6/1/2024	1	0.00%	100	\$5,000	Pending Sponsor Review	
		Totals for	<b>Esmailie, Fateme</b>							<b>\$5,000</b>		
<b>Lee, Moo-Yeal</b>												
GFP0001380 New	LLT1 and PD-L1 targeted combination immunotherapy for hepatocellular carcinoma	Research-Applied	University of North Texas Health Science	Federal Flow-through	PI	12/2/2024	2	48.50%	100	\$135,685	Pending Sponsor Review	
		Totals for	<b>Lee, Moo-Yeal</b>							<b>\$135,685</b>		
<b>Li, Lin</b>												
<i>Li,L.,CoPI; Chan,T.,PI; Biomedical Engineering</i>												
GFP0001314 New	Engineering Probiotics to sense and sequester heavy metal species with a genetic circuit approach	Research-Applied	National Institutes of Health	Federal	Co-PI	9/1/2024	5	48.50%	10	\$187,969	Pending Sponsor Review	
		Totals for	<b>Li, Lin</b>							<b>\$187,969</b>		
<b>Meckes, Brian</b>												
GFP0001348 New	Printing of Precision Hydrogels with Orthogonal Functionality	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review	
		Totals for	<b>Meckes, Brian</b>							<b>\$300,000</b>		

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Won, Youngwook</b>											
GFP0001352 New	Development of a recombinant protein-based platform to modify NK cells into a CAR-NK cell therapy in vivo	Research-Basic	Cancer Prevention and Research Institute	State	PI	8/31/2024	2	3.96%	100	\$250,001	Pending Sponsor Review
		Totals for	<b>Won, Youngwook</b>							<b>\$250,001</b>	
<b>Yang, Huaxiao</b>											
GFP0001283 New	HFpEF in a Dish: Establishing a Human in vitro Model	Research-Basic	American Heart Association	Foundation/Not For Profit	PI	4/1/2024	3	10.00%	100	\$750,000	Pending Sponsor Review
		Totals for	<b>Yang, Huaxiao</b>							<b>\$750,000</b>	
<b>Yang, Yong</b>											
GFP0001391 New	Dynamic Cardiac Microenvironment-on-a-Chip for Cell Based Therapy	Research-Basic	University of Texas at Arlington	Federal Flow-through	PI	3/1/2025	5	48.50%	100	\$1,115,661	Pending Sponsor Review
		Totals for	<b>Yang, Yong</b>							<b>\$1,115,661</b>	
		Totals for	<b>Biomedical Engineering</b>							<b>\$4,556,038</b>	

### ***Computer Science & Engineering***

#### **Amini Salehi, Mohsen**

GFP0001179 New	Collaborative Research: CNS Core: Small: SmartSight: an AI-Based Computing Platform to Assist Blind and Visually Impaired People	Research-Basic	National Science Foundation	Federal	PI	12/13/2023	1	48.50%	100	\$49,916	Awarded
GFP0001180 New	CAREER: Developing a Flexible Serverless Multimedia Streaming Cloud Platform	Research-Basic	National Science Foundation	Federal	PI	10/1/2023	3.3	48.50%	100	\$399,246	Pending Sponsor Review

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
GFP0001181 New	Collaborative Research: IRES Track I: Wireless Federated Fog Computing for Remote Industry 4.0 Applications	Research-Basic	National Science Foundation	Federal	PI	10/1/2023	3	48.50%	100	\$158,279	Awarded
GGFP00117 Revision	Collaborative Research: CNS Core: Small: SmartSight: an AI-Based Computing Platform to Assist Blind and Visually Impaired People	Research-Basic	National Science Foundation	Federal	PI	12/13/2023	1	48.50%	100	\$15,561	Pending Sponsor Review
			Totals for	<b>Amini Salehi, Mohsen</b>						<b>\$623,002</b>	
<b>Fan, Heng</b>											
<i>Fan,H.,CoPI; Huang,Y.,PI; Yang,Q.,CoPI; Qiu,C.,CoPI; Computer Science &amp; Engineering; Wei,Y.,CoPI; Li,X.,CoPI; Luyen,H.,CoPI; Electrical Engineering</i>											
GGFP00021 Revision	Cognitive Distributed Sensing in Congested Radio Frequency Environments	Research-Basic	Northeastern University	Federal Flow-through	Co-PI	6/15/2024	0.7	48.50%	9	\$117,000	Pending Sponsor Review
			Totals for	<b>Fan, Heng</b>						<b>\$117,000</b>	
<b>Feng, Yunhe</b>											
<i>Feng,Y.,CoPI; Computer Science &amp; Engineering; Ding,J.,PI; Chen,H.,CoPI; Information Science; Kinshuk,X.,CoPI; Information-Dean's Off</i>											
GFP0001124 New	RET Site: Machine Learning and Data Analytics with Large Language Models	Research-Basic	National Science Foundation	Federal	Co-PI	4/1/2024	3	48.50%	10	\$59,954	Pending Sponsor Review
<i>Feng,Y.,CoPI; Computer Science &amp; Engineering; Ding,J.,PI; Chen,H.,CoPI; Information Science; Kinshuk,X.,CoPI; Information-Dean's Off; Eutsler,L.,CoPI; Learning Technologies</i>											
GFP0001277 New	AI Mastery: Goal-Driven Learning Enhanced with Real-time Performance Analysis for Mastering AI Fundamentals and Practices	Research-Basic	National Science Foundation	Federal	Co-PI	8/1/2024	3	48.50%	10	\$89,976	Pending Sponsor Review
<i>Feng,Y.,CoPI; Fu,S.,PI; Computer Science &amp; Engineering; Siu,K.,CoPI; Li,X.,CoPI; Wang,S.,CoPI; Electrical Engineering; Niranjana,S.,CoPI; Logistics &amp; Operations Mgmt</i>											
GFP0001327 New	Conversion IMPACT: Conversion of Intelligent Manufacturing for Producing American Clean Trucks	Research-Applied	PACCAR Inc.	Federal Flow-through	Co-PI	11/1/2024	5	48.50%	17	\$238,000	Pending Sponsor Review
			Totals for	<b>Feng, Yunhe</b>						<b>\$387,930</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Fu, Song</b>											
<i>Fu,S.,CoPI; Computer Science &amp; Engineering; Xiao,X.,PI; Mechanical Engineering</i>											
GFP0001297 New	Facilitating Collaborative Design Environments in Additive Manufacturing through Mixed Reality	Research-Basic	National Science Foundation	Federal	Co-PI	9/1/2024	3	48.50%	50	\$199,931	Pending Sponsor Review
<i>Fu,S.,PI; Feng,Y.,CoPI; Computer Science &amp; Engineering; Siu,K.,CoPI; Li,X.,CoPI; Wang,S.,CoPI; Electrical Engineering; Niranjan,S.,CoPI; Logistics &amp; Operations Mgmt</i>											
GFP0001327 New	Conversion IMPACT: Conversion of Intelligent Manufacturing for Producing American Clean Trucks	Research-Applied	PACCAR Inc.	Federal Flow-through	PI	11/1/2024	5	48.50%	33	\$462,000	Pending Sponsor Review
Totals for										<b>Fu, Song</b>	<b>\$661,931</b>
<b>Huang, Yan</b>											
<i>Huang,Y.,PI; Yang,Q.,CoPI; Qiu,C.,CoPI; Fan,H.,CoPI; Computer Science &amp; Engineering; Wei,Y.,CoPI; Li,X.,CoPI; Luyen,H.,CoPI; Electrical Engineering</i>											
GGFP00021 Revision	Cognitive Distributed Sensing in Congested Radio Frequency Environments	Research-Basic	Northeastern University	Federal Flow-through	PI	6/15/2024	0.7	48.50%	28	\$364,000	Pending Sponsor Review
Totals for										<b>Huang, Yan</b>	<b>\$364,000</b>
<b>Ji, Yuede</b>											
GFP0001389 New	CICI: TCR: Secure Resource-Constrained Federated Learning Cyberinfrastructure	Research-Applied	Pennsylvania State University	Federal Flow-through	PI	10/1/2024	3	48.50%	100	\$270,000	Pending Sponsor Review
GFP0001390 New	CICI: UCSS: Secure Machine Learning Inference in IoT-driven Analytical Scientific Infrastructure	Research-Applied	Florida International University	Federal Flow-through	PI	8/1/2024	3	48.50%	100	\$188,125	Pending Sponsor Review
Totals for										<b>Ji, Yuede</b>	<b>\$458,125</b>
<b>Qiu, Chenxi</b>											
<i>Qiu,C.,CoPI; Huang,Y.,PI; Yang,Q.,CoPI; Fan,H.,CoPI; Computer Science &amp; Engineering; Wei,Y.,CoPI; Li,X.,CoPI; Luyen,H.,CoPI; Electrical Engineering</i>											
GGFP00021 Revision	Cognitive Distributed Sensing in Congested Radio Frequency Environments	Research-Basic	Northeastern University	Federal Flow-through	Co-PI	6/15/2024	0.7	48.50%	9	\$117,000	Pending Sponsor Review
Totals for										<b>Qiu, Chenxi</b>	<b>\$117,000</b>

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Shu, Tong</b>											
GFP0001357 New	Collaborative Research: CyberTraining: Implementation: Small: Research Workforce Development on Distributed Transformer Training Systems in Serverless Accelerators	Research-Basic	National Science Foundation	Federal	PI	1/1/2025	3	48.50%	100	\$343,478	Pending Sponsor Review
		Totals for		<b>Shu, Tong</b>						<b>\$343,478</b>	
<b>Yang, Qing</b>											
<i>Yang,Q.,CoPI; Huang,Y.,PI; Qiu,C.,CoPI; Fan,H.,CoPI; Computer Science &amp; Engineering; Wei,Y.,CoPI; Li,X.,CoPI; Luyen,H.,CoPI; Electrical Engineering</i>											
GGFP00021 Revision	Cognitive Distributed Sensing in Congested Radio Frequency Environments	Research-Basic	Northeastern University	Federal Flow-through	Co-PI	6/15/2024	0.7	48.50%	12	\$156,000	Pending Sponsor Review
		Totals for		<b>Yang, Qing</b>						<b>\$156,000</b>	
		Totals for		<b>Computer Science &amp; Engineering</b>						<b>\$3,228,466</b>	
<b>Electrical Engineering</b>											
<b>Fu, Shengli</b>											
GFP0001393 New	Collaborative Research: CyberTraining: Pilot: Training on Unmanned Aerial Systems Cyber Infrastructure	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	2	48.50%	100	\$62,440	Pending Sponsor Review
		Totals for		<b>Fu, Shengli</b>						<b>\$62,440</b>	
<b>Li, Xinrong</b>											
<i>Li,X.,CoPI; Siu,K.,CoPI; Wang,S.,CoPI; Electrical Engineering; Fu,S.,PI; Feng,Y.,CoPI; Computer Science &amp; Engineering; Niranjana,S.,CoPI; Logistics &amp; Operations Mgmt</i>											
GFP0001327 New	Conversion IMPACT: Conversion of Intelligent Manufacturing for Producing American Clean Trucks	Research-Applied	PACCAR Inc.	Federal Flow-through	Co-PI	11/1/2024	5	48.50%	11	\$154,000	Pending Sponsor Review
<i>Li,X.,CoPI; Wei,Y.,CoPI; Luyen,H.,CoPI; Electrical Engineering; Huang,Y.,PI; Yang,Q.,CoPI; Qiu,C.,CoPI; Fan,H.,CoPI; Computer Science &amp; Engineering</i>											
GGFP00021 Revision	Cognitive Distributed Sensing in Congested Radio Frequency Environments	Research-Basic	Northeastern University	Federal Flow-through	Co-PI	6/15/2024	0.7	48.50%	24	\$312,000	Pending Sponsor Review
		Totals for		<b>Li, Xinrong</b>						<b>\$466,000</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Luyen, Hung</b>											
<i>Luyen,H.,CoPI; Wei,Y.,CoPI; Li,X.,CoPI; Electrical Engineering; Huang,Y.,PI; Yang,Q.,CoPI; Qiu,C.,CoPI; Fan,H.,CoPI; Computer Science &amp; Engineering</i>											
GGFP00021 Revision	Cognitive Distributed Sensing in Congested Radio Frequency Environments	Research-Basic	Northeastern University	Federal Flow-through	Co-PI	6/15/2024	0.7	48.50%	9	\$117,000	Pending Sponsor Review
		Totals for	<b>Luyen, Hung</b>							<b>\$117,000</b>	
<b>Namuduri, Kameswara Rao</b>											
GFP0001422 New	BABEL2: Standards Testbeds for Enabling Advanced Air Mobility	Research-Development	Unmanned Experts Inc.	Federal Flow-through	PI	4/1/2024	1.8	48.50%	100	\$108,000	Pending Sponsor Review
		Totals for	<b>Namuduri, Kameswara Rao</b>							<b>\$108,000</b>	
<b>Siu, King Man</b>											
<i>Siu,K.,CoPI; Li,X.,CoPI; Wang,S.,CoPI; Electrical Engineering; Fu,S.,PI; Feng,Y.,CoPI; Computer Science &amp; Engineering; Niranjn,S.,CoPI; Logistics &amp; Operations Mgmt</i>											
GFP0001327 New	Conversion IMPACT: Conversion of Intelligent Manufacturing for Producing American Clean Trucks	Research-Applied	PACCAR Inc.	Federal Flow-through	Co-PI	11/1/2024	5	48.50%	13	\$182,000	Pending Sponsor Review
		Totals for	<b>Siu, King Man</b>							<b>\$182,000</b>	
<b>Wang, Shuping</b>											
<i>Wang,S.,CoPI; Siu,K.,CoPI; Li,X.,CoPI; Electrical Engineering; Fu,S.,PI; Feng,Y.,CoPI; Computer Science &amp; Engineering; Niranjn,S.,CoPI; Logistics &amp; Operations Mgmt</i>											
GFP0001327 New	Conversion IMPACT: Conversion of Intelligent Manufacturing for Producing American Clean Trucks	Research-Applied	PACCAR Inc.	Federal Flow-through	Co-PI	11/1/2024	5	48.50%	11	\$154,000	Pending Sponsor Review
		Totals for	<b>Wang, Shuping</b>							<b>\$154,000</b>	
<b>Wei, Yusheng</b>											
<i>Wei,Y.,CoPI; Li,X.,CoPI; Luyen,H.,CoPI; Electrical Engineering; Huang,Y.,PI; Yang,Q.,CoPI; Qiu,C.,CoPI; Fan,H.,CoPI; Computer Science &amp; Engineering</i>											
GGFP00021 Revision	Cognitive Distributed Sensing in Congested Radio Frequency Environments	Research-Basic	Northeastern University	Federal Flow-through	Co-PI	6/15/2024	0.7	48.50%	9	\$117,000	Pending Sponsor Review
		Totals for	<b>Wei, Yusheng</b>							<b>\$117,000</b>	
		Totals for	<b>Electrical Engineering</b>							<b>\$1,206,440</b>	



File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Materials Science &amp; Engineer</b>											
<b>Berman, Diana</b>											
GFP0001382 New	Nanoenhanced Biogreases for Optimal Rheological and Lubrication Performance	Research-Basic	National Lubricating Grease Institute	Foundation/Not For Profit	PI	8/1/2024	1	11.11%	100	\$50,000	Pending Sponsor Review
		Totals for	<b>Berman, Diana</b>							<b>\$50,000</b>	
<b>Choi, Wonbong</b>											
<i>Choi, W., PI; Materials Science &amp; Engineer; Choi, W., PI; Mechanical Engineering</i>											
GFP0001426 New	Characterization of Li-S battery having high cycle-life and capacity retention	Research-Applied	Ark Power Tech Corp.	Federal Flow-through	PI	6/1/2024	0.6	48.50%	80	\$47,520	Pending Sponsor Review
		Totals for	<b>Choi, Wonbong</b>							<b>\$47,520</b>	
<b>Li, Xiao</b>											
<i>Li, X., PI; Materials Science &amp; Engineer; Tierra Chica, G., CoPI; Mathematics</i>											
GFP0001292 New	Integrated Experimental and Computational Research on Topological Defects in Blue Phase Liquid Crystals under Curved Confinement for Fabricating Voxel Controlled Photonics through 4D Printing	Research-Basic	U.S. Army Research Laboratory	Federal	PI	9/1/2024	5	48.50%	60	\$594,000	Pending Sponsor Review
GFP0001366 New	Self-Twisted Bend-Core Reactive Monomer Design and Synthesis for Blue Phase Soft Photonic Crystals Stabilization and Polymerization	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review
		Totals for	<b>Li, Xiao</b>							<b>\$894,000</b>	
<b>Mishra, Rajiv</b>											
GFP0001370 New	Solid-State Aluminum Upcycling and Manufacturing	Research-Basic	Nissan Technical Center North America	Industry/For Profit	PI	1/15/2024	1	48.50%	100	\$109,988	Pending Sponsor Review
		Totals for	<b>Mishra, Rajiv</b>							<b>\$109,988</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Zheng, Yufeng</b>											
GFP0001377 New	Understanding the Role of Residual Stress Gradients on Plastic Strain Recovery in Nanocrystalline Thin Films	Research-Basic	National Science Foundation	Federal	PI	1/15/2024	1.9	48.50%	100	\$416,618	Pending Sponsor Review
		Totals for	<b>Zheng, Yufeng</b>							<b>\$416,618</b>	
		Totals for	<b>Materials Science &amp; Engineer</b>							<b>\$1,518,126</b>	
<b>Mechanical Engineering</b>											
<b>Choi, Wonbong</b>											
<i>Choi, W., PI; Mechanical Engineering; Choi, W., PI; Materials Science &amp; Engineer</i>											
GFP0001426 New	Characterization of Li-S battery having high cycle-life and capacity retention	Research-Applied	Ark Power Tech Corp.	Federal Flow-through	PI	6/1/2024	0.6	48.50%	20	\$11,880	Pending Sponsor Review
		Totals for	<b>Choi, Wonbong</b>							<b>\$11,880</b>	
<b>Xiao, Xinyi</b>											
<i>Xiao, X., PI; Mechanical Engineering; Fu, S., CoPI; Computer Science &amp; Engineering</i>											
GFP0001297 New	Facilitating Collaborative Design Environments in Additive Manufacturing through Mixed Reality	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	3	48.50%	50	\$199,931	Pending Sponsor Review
GFP0001365 New	Additive Manufacturing with 3-D printing with metal	Research-Basic	Oak Ridge National Laboratory DOE	Federal Flow-through	PI	1/1/2024	0.7	48.50%	100	\$100,000	Awarded
		Totals for	<b>Xiao, Xinyi</b>							<b>\$299,931</b>	
<b>Yu, Cheng</b>											
GFP0001402 New	Erection Bridging of Double-Pitched Steel Joists	Research-Applied	Steel Joist Institute	Industry/For Profit	PI	4/1/2024	0.8	48.50%	100	\$51,962	Pending Sponsor Review
		Totals for	<b>Yu, Cheng</b>							<b>\$51,962</b>	
		Totals for	<b>Mechanical Engineering</b>							<b>\$363,773</b>	
		Totals for	<b>College of Engineering</b>							<b>\$10,872,842</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>College of Health &amp; Public Service</b>											
<b>Behavior Analysis</b>											
<b>Becker, April</b>											
<i>Becker,A.,CoPI; Ortu,D.,PI; Behavior Analysis</i>											
GFP0001101 New	Effects of Constructional Fear Conditioning on Stimulus Function	Research-Basic	National Science Foundation	Federal	Co-PI	9/1/2024	3	48.50%	50	\$285,809	Pending Sponsor Review
		Totals for	<b>Becker, April</b>							<b>\$285,809</b>	
<b>Ortu, Daniele</b>											
<i>Ortu,D.,PI; Becker,A.,CoPI; Behavior Analysis</i>											
GFP0001101 New	Effects of Constructional Fear Conditioning on Stimulus Function	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	3	48.50%	50	\$285,809	Pending Sponsor Review
		Totals for	<b>Ortu, Daniele</b>							<b>\$285,809</b>	
		Totals for	<b>Behavior Analysis</b>							<b>\$571,618</b>	
<b>Public Admin</b>											
<b>Fischer, Lauren</b>											
<i>Fischer,L.,PI; Public Admin; De Wolff,K.,CoPI; Philosophy &amp; Religion</i>											
GFP0001290 New	Collaborative Research: ECoLab for Air Justice at the Urban-Rural Fringe	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	3	48.50%	60	\$227,261	Pending Sponsor Review
		Totals for	<b>Fischer, Lauren</b>							<b>\$227,261</b>	
<b>He, Linlang</b>											
GFP0001281 New	An Equitable Transition to Low-Emission Government Fleet -- The Role of Industry Partners	Research-Applied	Oak Ridge Associated Universities	Foundation/Not For Profit	PI	6/1/2024	1	0.00%	100	\$5,000	Pending Sponsor Review
		Totals for	<b>He, Linlang</b>							<b>\$5,000</b>	
		Totals for	<b>Public Admin</b>							<b>\$232,261</b>	
		Totals for	<b>College of Health &amp; Public Service</b>							<b>\$803,879</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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**College of Information  
Information Science**

**Chen, Haihua**

*Chen,H.,CoPI; Ding,J.,PI; Information Science; Kinshuk,X.,CoPI; Information-Dean's Off; Feng,Y.,CoPI; Computer Science & Engineering*

GFP0001124 New	RET Site: Machine Learning and Data Analytics with Large Language Models	Research-Basic	National Science Foundation	Federal	Co-PI	4/1/2024	3	48.50%	10	\$59,954	Pending Sponsor Review
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*Chen,H.,CoPI; Ding,J.,PI; Information Science; Feng,Y.,CoPI; Computer Science & Engineering; Kinshuk,X.,CoPI; Information-Dean's Off; Eutsler,L.,CoPI; Learning Technologies*

GFP0001277 New	AI Mastery: Goal-Driven Learning Enhanced with Real-time Performance Analysis for Mastering AI Fundamentals and Practices	Research-Basic	National Science Foundation	Federal	Co-PI	8/1/2024	3	48.50%	10	\$89,976	Pending Sponsor Review
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Totals for **Chen, Haihua** **\$149,930**

**Ding, Junhua**

*Ding,J.,PI; Chen,H.,CoPI; Information Science; Kinshuk,X.,CoPI; Information-Dean's Off; Feng,Y.,CoPI; Computer Science & Engineering*

GFP0001124 New	RET Site: Machine Learning and Data Analytics with Large Language Models	Research-Basic	National Science Foundation	Federal	PI	4/1/2024	3	48.50%	70	\$419,681	Pending Sponsor Review
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*Ding,J.,PI; Chen,H.,CoPI; Information Science; Feng,Y.,CoPI; Computer Science & Engineering; Kinshuk,X.,CoPI; Information-Dean's Off; Eutsler,L.,CoPI; Learning Technologies*

GFP0001277 New	AI Mastery: Goal-Driven Learning Enhanced with Real-time Performance Analysis for Mastering AI Fundamentals and Practices	Research-Basic	National Science Foundation	Federal	PI	8/1/2024	3	48.50%	60	\$539,854	Pending Sponsor Review
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Totals for **Ding, Junhua** **\$959,535**

Totals for **Information Science** **\$1,109,465**

**Information-Dean's Off**

**Kinshuk, XXX**

*Kinshuk,X.,CoPI; Information-Dean's Off; Ding,J.,PI; Chen,H.,CoPI; Information Science; Feng,Y.,CoPI; Computer Science & Engineering*

GFP0001124 New	RET Site: Machine Learning and Data Analytics with Large Language Models	Research-Basic	National Science Foundation	Federal	Co-PI	4/1/2024	3	48.50%	10	\$59,954	Pending Sponsor Review
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Kinshuk,X.,CoPI; Information-Dean's Off; Ding,J.,PI; Chen,H.,CoPI; Information Science; Feng,Y.,CoPI; Computer Science &amp; Engineering; Eutsler,L.,CoPI; Learning Technologies</i>											
GFP0001277 New	AI Mastery: Goal-Driven Learning Enhanced with Real-time Performance Analysis for Mastering AI Fundamentals and Practices	Research-Basic	National Science Foundation	Federal	Co-PI	8/1/2024	3	48.50%	10	\$89,976	Pending Sponsor Review
			Totals for	<b>Kinshuk, XXX</b>						<b>\$149,930</b>	
			Totals for	<b>Information-Dean's Off</b>						<b>\$149,930</b>	

**Learning Technologies**

**Eutsler, Lauren**

*Eutsler,L.,CoPI; Learning Technologies; Ding,J.,PI; Chen,H.,CoPI; Information Science; Feng,Y.,CoPI; Computer Science & Engineering; Kinshuk,X.,CoPI; Information-Dean's Off*

GFP0001277 New	AI Mastery: Goal-Driven Learning Enhanced with Real-time Performance Analysis for Mastering AI Fundamentals and Practices	Research-Basic	National Science Foundation	Federal	Co-PI	8/1/2024	3	48.50%	10	\$89,976	Pending Sponsor Review
			Totals for	<b>Eutsler, Lauren</b>						<b>\$89,976</b>	
			Totals for	<b>Learning Technologies</b>						<b>\$89,976</b>	
			Totals for	<b>College of Information</b>						<b>\$1,349,371</b>	

**College of Liberal Arts & Social Sciences**

**Economics**

**Yang, Xi**

GFP0001039 New	Bank Credit Expansion and Wealth Inequality in the United States	Research-Applied	National Science Foundation	Federal	PI	9/1/2024	3	48.50%	100	\$383,419	Pending Sponsor Review
			Totals for	<b>Yang, Xi</b>						<b>\$383,419</b>	
			Totals for	<b>Economics</b>						<b>\$383,419</b>	

**Geography**

**Kang, Wei**

GFP0001015 New	Spatial Analysis with Uncertain Data to Improve Policy Making	Research-Basic	University of California, Riverside	Federal Flow-through	PI	7/1/2024	2	48.50%	100	\$166,201	Pending Sponsor Review
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
GFP0001295 New	Building Small Business Resilience in the US: A Community Perspective	Research-Basic	University of California, Riverside	Federal Flow-through	PI	7/1/2024	3	48.50%	100	\$181,052	Pending Sponsor Review
		Totals for	<b>Kang, Wei</b>							<b>\$347,253</b>	
		Totals for	<b>Geography</b>							<b>\$347,253</b>	

### *Philosophy & Religion*

#### **De Wolff, Kimberley**

*De Wolff,K.,CoPI; Philosophy & Religion; Fischer,L.,PI; Public Admin*

GFP0001290 New	Collaborative Research: ECoLab for Air Justice at the Urban-Rural Fringe	Research-Basic	National Science Foundation	Federal	Co-PI	9/1/2024	3	48.50%	40	\$151,508	Pending Sponsor Review
		Totals for	<b>De Wolff, Kimberley</b>							<b>\$151,508</b>	
		Totals for	<b>Philosophy &amp; Religion</b>							<b>\$151,508</b>	

### *Political Science*

#### **Demeritt, Jacqueline**

*Demeritt,J.,PI; Meernik,J.,CoPI; Esparza,D.,CoPI; Political Science*

GFP0001168 New	State Perpetrators of Extrajudicial Killing in Colombia	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	2	48.50%	34	\$150,142	Pending Sponsor Review
		Totals for	<b>Demeritt, Jacqueline</b>							<b>\$150,142</b>	

#### **Esparza, Diego**

*Esparza,D.,CoPI; Demeritt,J.,PI; Meernik,J.,CoPI; Political Science*

GFP0001168 New	State Perpetrators of Extrajudicial Killing in Colombia	Research-Basic	National Science Foundation	Federal	Co-PI	9/1/2024	2	48.50%	33	\$145,726	Pending Sponsor Review
		Totals for	<b>Esparza, Diego</b>							<b>\$145,726</b>	

#### **Meernik, James**

*Meernik,J.,CoPI; Demeritt,J.,PI; Esparza,D.,CoPI; Political Science*

GFP0001168 New	State Perpetrators of Extrajudicial Killing in Colombia	Research-Basic	National Science Foundation	Federal	Co-PI	9/1/2024	2	48.50%	33	\$145,726	Pending Sponsor Review
		Totals for	<b>Meernik, James</b>							<b>\$145,726</b>	
		Totals for	<b>Political Science</b>							<b>\$441,594</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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**Psychology**

**Blumenthal, Heidemarie**

GFP0001354 New	Randomized Controlled Trial of an Online and Text-Messaging Intervention to Delay and Reduce Alcohol and Marijuana Initiation, Escalation, and Related Harms Among First Year College Students	Research-Applied	University of North Texas Health Science	Federal Flow-through	PI	9/1/2024	5	48.50%	100	\$171,896	Pending Sponsor Review
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Totals for **Blumenthal, Heidemarie** **\$171,896**

**Huynh, Kiet**

GFP0001317 New	Intersectional Resilience among Sexual and Gender Minority People of Color: Measure Development and Longitudinal Evaluation of Intersectional Resilience	Research-Applied	The Washington University	Federal Flow-through	PI	12/1/2024	5	48.50%	100	\$288,531	Pending Sponsor Review
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Totals for **Huynh, Kiet** **\$288,531**

**Slavish, Danica**

GFP0001096 New	A socioecological approach to understanding sleep health in Hispanic/Latino families with young children	Research-Basic	University of Texas at Dallas	Federal Flow-through	PI	7/1/2024	5	48.50%	100	\$1,158,559	Pending Sponsor Review
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Totals for **Slavish, Danica** **\$1,158,559**

Totals for **Psychology** **\$1,618,986**

**Sociology**

**Painter, Matthew**

GFP0001388 New	“She’s got the look”: Female student-athletes’ experiences with NIL	Research-Basic	American Athletic Conference	Foundation/Not For Profit	PI	4/1/2024	1	0.00%	100	\$15,000	Pending Sponsor Review
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Totals for **Painter, Matthew** **\$15,000**

Totals for **Sociology** **\$15,000**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
			Totals for	<b>College of Liberal Arts &amp; Social Sciences</b>						<b>\$2,957,760</b>	

**College of Science  
Biological Sciences**

**Antunes, Mauricio**

GFP0001267 Renewal	Understanding long-distance movement of microRNAs in plants	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review
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Totals for **Antunes, Mauricio** **\$300,000**

**Compson, Zacchaeus**

GFP0001313 New	Illuminating Painted Bunting breeding season diets using eDNA	Research-Basic	Experiment, Inc.	Industry/For Profit	PI	1/31/2024	0.6	0.00%	100	\$2,447	Pending Sponsor Review
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Totals for **Compson, Zacchaeus** **\$2,447**

**Gregory, Andrew**

GFP0001339 New	Understanding the Ecology of Ring-Necked Pheasants on the Texas High Plains	Research-Basic	Texas Parks and Wildlife Department	Federal Flow-through	PI	9/1/2024	4	26.00%	100	\$588,424	Pending Sponsor Review
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Totals for **Gregory, Andrew** **\$588,424**

**Gu, Feng**

GFP0001355 New	Effects of TrkB receptor activation on parvalbumin-positive interneurons, epileptiform activities and cognitive deficits in Alzheimer's disease	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review
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Totals for **Gu, Feng** **\$300,000**

**Horn, Patrick**

GFP0001351 New	Biochemical and Structural Analysis of Fatty Acid Desaturases	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	<b>Horn, Patrick</b>							<b>\$300,000</b>	
		Totals for	<b>Biological Sciences</b>							<b>\$1,490,871</b>	
<b>Chemistry</b>											
<b>Atkinson, Molly</b>											
GFP0000931 New	Characterizing Meaningful Learning of Instrumentation in Undergraduate Analytical Chemistry Laboratories	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	3	48.50%	100	\$399,966	Pending Sponsor Review
GFP0001321 New	Investigating Students' Conceptions of Reaction Progress in Aqueous Systems	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	3	48.50%	100	\$400,000	Pending Sponsor Review
		Totals for	<b>Atkinson, Molly</b>							<b>\$799,966</b>	
<b>Chyan, Oliver M</b>											
-030000001 Revision	Scale Up UNT Passivation Coating Technology with Mindox for NXP Cu Wire-Bonded Devices to Achieve High Bonding Reliability	Research-Applied	NXP Semiconductors	Industry/For Profit	PI	1/1/2024	1	26.00%	100	\$150,000	Pending Sponsor Review
		Totals for	<b>Chyan, Oliver M</b>							<b>\$150,000</b>	
<b>Golden, Teresa</b>											
GFP0001398 New	Exploration of Environmentally-friendly Pathways for Synthesis for New Metal-Organic Nanocomposite Coatings	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review
		Totals for	<b>Golden, Teresa</b>							<b>\$300,000</b>	
<b>Ma, Shengqian</b>											
GGFP00115 Revision	Crystallographic Studies on co-Crystals	Research-Development	Colgate-Palmolive Company	Industry/For Profit	PI	1/31/2024	0.8	15.00%	100	\$14,999	Pending Sponsor Review
		Totals for	<b>Ma, Shengqian</b>							<b>\$14,999</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
<b>Omary, Mohammad</b>												
<i>Omary, M., PI; Chemistry; Ecker, M., CoPI; Biomedical Engineering</i>												
GFP0001384 New	Hydrophobic Enhancement of Luminescence Quantum Yield in Novel DNA Metallo-Intercalators	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	60	\$180,000	Pending Sponsor Review	
GFP0001448 New	Miniature, Lightweight, 3D Printable, Optical Dual Contact Force and Temperature Sensor for Dexterous End Effectors	Research-Applied	Intelligent Optical Systems, Inc.	Industry/For Profit	PI	5/1/2024	2	48.50%	100	\$30,000	Pending Sponsor Review	
		Totals for	<b>Omary, Mohammad</b>								<b>\$210,000</b>	
<b>Petros, Amy</b>												
<i>Petros, A., PI; Chemistry; Heap, T., CoPI; DSI-Clear</i>												
GFP0001334 New	Evaluating the impact of a blended, flipped general chemistry for STEM majors course on underrepresented student athletes' success	Research-Basic	American Athletic Conference	Foundation/Not For Profit	PI	8/19/2024	1.3	0.00%	50	\$7,489	Pending Sponsor Review	
		Totals for	<b>Petros, Amy</b>								<b>\$7,489</b>	
<b>Valsson, Omar</b>												
GFP0001403 New	Unraveling Dissociation Kinetic and Cooperativity Effects in Ternary Protein Complexes	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review	
		Totals for	<b>Valsson, Omar</b>								<b>\$300,000</b>	
<b>Wang, Hong</b>												
GFP0001408 New	The Development of New Classes of Chiral Rare Earth Bimetallic Complexes: New Coordination Chemistry and Application in Asymmetric Catalysis	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review	
		Totals for	<b>Wang, Hong</b>								<b>\$300,000</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
<b>Yan, Hao</b>												
GFP0001358 New	Stabilization and characterization of transient copper oxygen species under static mechanical pressure	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review	
		Totals for	<b>Yan, Hao</b>								<b>\$300,000</b>	
		Totals for	<b>Chemistry</b>								<b>\$2,382,454</b>	

### *Mathematics*

#### **Beneish, Lea**

GFP0001420 New	LEAPS-MPS: Geometric Arithmetic Statistics: on the relative abundance of points on plane curves	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	2	48.50%	100	\$249,971	Pending Sponsor Review	
GFP0001421 New	Simons MP-TSM: On the relative abundance of points on plane curves	Research-Basic	Simons Foundation	Foundation/Not For Profit	PI	9/1/2024	5	20.00%	100	\$42,000	Pending Sponsor Review	
		Totals for	<b>Beneish, Lea</b>								<b>\$291,971</b>	

#### **Krueger, John**

GFP0001349 New	Combinatorial Set Theory and Forcing	Research-Basic	Simons Foundation	Foundation/Not For Profit	PI	9/1/2024	5	20.00%	100	\$42,000	Pending Sponsor Review	
		Totals for	<b>Krueger, John</b>								<b>\$42,000</b>	

#### **Liu, Shuang**

GFP0001299 New	LEAPS-MPS: Fast and Efficient Numerical Approaches For a Class of Partial Differential Equations with Free Boundaries	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	2	48.50%	100	\$146,804	Pending Sponsor Review
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
GFP0001374 New	Fast and Efficient Numerical Approaches For a Class of Partial Differential Equations with Free Boundaries	Research-Basic	Simons Foundation	Foundation/Not For Profit	PI	9/1/2024	5	20.00%	100	\$42,000	Pending Sponsor Review
		Totals for	<b>Liu, Shuang</b>							<b>\$188,804</b>	
<b>Morrow, Jackson</b>											
GFP0001409 New	Non-Archimedean Techniques in Algebraic and Arithmetic Geometry	Research-Basic	Simons Foundation	Foundation/Not For Profit	PI	9/1/2024	5	20.00%	100	\$42,000	Pending Sponsor Review
GFP0001419 New	LEAPS-MPS: Non-Archimedean, Arithmetic, and Algebraic Geometry	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	2	48.50%	100	\$115,718	Pending Sponsor Review
		Totals for	<b>Morrow, Jackson</b>							<b>\$157,718</b>	
<b>Schmidt, Ralf</b>											
GFP0001379 New	Metaplectic Newforms	Research-Basic	Simons Foundation	Foundation/Not For Profit	PI	9/1/2024	5	20.00%	100	\$42,000	Pending Sponsor Review
		Totals for	<b>Schmidt, Ralf</b>							<b>\$42,000</b>	
<b>Tierra Chica, Giordano</b>											
<i>Tierra Chica, G., CoPI; Mathematics; Li, X., PI; Materials Science &amp; Engineer</i>											
GFP0001292 New	Integrated Experimental and Computational Research on Topological Defects in Blue Phase Liquid Crystals under Curved Confinement for Fabricating Voxel Controlled Photonics through 4D Printing	Research-Basic	U.S. Army Research Laboratory	Federal	Co-PI	9/1/2024	5	48.50%	40	\$396,000	Pending Sponsor Review
GFP0001301 New	LEAPS-MPS: Towards the Development of Accurate and Efficient Numerical Methods for Multi-Physics Problems involving Nematic & Cholesteric Liquid Crystals	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	2	48.50%	100	\$249,999	Pending Sponsor Review

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
GFP0001302 New	Accurate and Efficient Numerical Methods for Energy-Based Systems	Research-Basic	Simons Foundation	Foundation/Not For Profit	PI	9/1/2024	5	20.00%	100	\$42,000	Pending Sponsor Review
		Totals for	<b>Tierra Chica, Giordano</b>							<b>\$687,999</b>	
<b>Urbanski, Mariusz</b>											
GFP0001342 New	Thermodynamic Formalism in Open, Random, Conformal, and Meromorphic Dynamical Systems	Research-Basic	Simons Foundation	Foundation/Not For Profit	PI	9/1/2024	5	20.00%	100	\$42,000	Pending Sponsor Review
		Totals for	<b>Urbanski, Mariusz</b>							<b>\$42,000</b>	
		Totals for	<b>Mathematics</b>							<b>\$1,452,492</b>	
<b>Physics</b>											
<b>Perez, Jose</b>											
GFP0001381 New	Modification of Graphene using Dissociative Electron Attachment	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review
		Totals for	<b>Perez, Jose</b>							<b>\$300,000</b>	
<b>Rout, Bibhudutta</b>											
GFP0001343 New	Investigation of Elemental Migration at the Interfacial Boundaries in Multi-dimensional Materials Systems for enhanced Opto-Electronic applications	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	6/1/2024	3	0.00%	100	\$300,000	Pending Sponsor Review
		Totals for	<b>Rout, Bibhudutta</b>							<b>\$300,000</b>	
<b>Xiao, Yuzhe</b>											
GFP0001293 New	Exploring ultrafast nonequilibrium thermodynamics via thermal radiation	Research-Basic	U.S. Army Research Laboratory	Federal	PI	9/1/2024	5	48.50%	100	\$990,000	Pending Sponsor Review

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
GGFP00026 Resubmission	LEAPS-MPS: Light-matter-heat interactions with ultrafast thermal-radiation spectroscopy	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	2	48.50%	100	\$249,998	Pending Sponsor Review
		Totals for	<b>Xiao, Yuzhe</b>							<b>\$1,239,998</b>	
		Totals for	<b>Physics</b>							<b>\$1,839,998</b>	
		Totals for	<b>College of Science</b>							<b>\$7,165,815</b>	

**Ryan College of Business  
Logistics & Operations Mgmt**

**Manuj, Ila**

GFP0001413 New	EASE-AI: CENTER FOR ETHICAL ADVANCEMENTS AND SOCIETAL EQUITY OF AI	Research-Applied	Southern Methodist University	Federal Flow-through	PI	1/1/2025	3	48.50%	100	\$100,496	Pending Sponsor Review
		Totals for	<b>Manuj, Ila</b>							<b>\$100,496</b>	

**Niranjan, Suman**

*Niranjan,S.,CoPI; Logistics & Operations Mgmt; Fu,S.,PI; Feng,Y.,CoPI; Computer Science & Engineering; Siu,K.,CoPI; Li,X.,CoPI; Wang,S.,CoPI; Electrical Engineering*

GFP0001327 New	Conversion IMPACT: Conversion of Intelligent Manufacturing for Producing American Clean Trucks	Research-Applied	PACCAR Inc.	Federal Flow-through	Co-PI	11/1/2024	5	48.50%	15	\$210,000	Pending Sponsor Review
		Totals for	<b>Niranjan, Suman</b>							<b>\$210,000</b>	
		Totals for	<b>Logistics &amp; Operations Mgmt</b>							<b>\$310,496</b>	

**Management**

**MacCharles, Jeffrey**

GFP0001386 New	Faculty Mentorship and Perceptions of Student-Athletes	Research-Basic	East Carolina University	Not for Profit Flow-through	PI	4/1/2024	1.4	0.00%	100	\$2,901	Pending Sponsor Review
		Totals for	<b>MacCharles, Jeffrey</b>							<b>\$2,901</b>	
		Totals for	<b>Management</b>							<b>\$2,901</b>	
		Totals for	<b>Ryan College of Business</b>							<b>\$313,397</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Vice Provost Student Success</i>											
<i>DSI-Clear</i>											
<b>Heap, Tania</b>											
<i>Heap, T., CoPI; DSI-Clear; Petros, A., PI; Chemistry</i>											
GFP0001334 New	Evaluating the impact of a blended, flipped general chemistry for STEM majors course on underrepresented student athletes' success	Research-Basic	American Athletic Conference	Foundation/Not For Profit	Co-PI	8/19/2024	1.3	0.00%	50	\$7,489	Pending Sponsor Review
Totals for		<b>Heap, Tania</b>								<b>\$7,489</b>	
Totals for		<b>DSI-Clear</b>								<b>\$7,489</b>	
Totals for		<b>Vice Provost Student Success</b>								<b>\$7,489</b>	
Totals for		<b>UNT</b>								<b>\$23,599,257</b>	
<b>Totals for</b>		<b>January FY2024:</b>								<b>\$23,599,257</b>	