

**Monthly Proposals Report for September 2023**  
**Office of Grants and Contracts, University of North Texas**

<b>Proposals Total by College</b>	<b>September 2022</b>	<b>September 2023</b>	<b>YTD FY2023</b>	<b>YTD FY2024</b>
College of Education	\$ 1,556,878.04	\$ 2,384,518.00	\$ 1,556,878.04	\$ 2,384,518.00
College of Engineering	\$ 6,238,010.70	\$ 8,455,779.24	\$ 6,238,010.70	\$ 8,455,779.24
College of Health & Public Service	\$ 1,409,425.20	\$ 585,474.00	\$ 1,409,425.20	\$ 585,474.00
College of Information	\$ 825,989.63	\$ 3,236,076.13	\$ 825,989.63	\$ 3,236,076.13
College of Liberal Arts & Social Sciences <sup>3</sup>	\$ 3,083,883.80	\$ 2,616,166.25	\$ 3,083,883.80	\$ 2,616,166.25
College of Merchandising Hospitality and Tourism	\$ -	\$ 273,863.00	\$ -	\$ 273,863.00
College of Science	\$ 5,338,067.91	\$ 15,800,368.80	\$ 5,338,067.91	\$ 15,800,368.80
College of Visual Arts and Design	\$ -	\$ -	\$ -	\$ -
College of Music	\$ -	\$ -	\$ -	\$ -
Ryan College of Business	\$ 499,825.00	\$ 457,172.00	\$ 499,825.00	\$ 457,172.00
Other <sup>1</sup>	\$ 888,306.66	\$ 1,758,532.13	\$ 888,306.66	\$ 1,758,532.13
<b>Grand Total:</b>	<b>\$ 19,840,386.94</b>	<b>\$ 35,567,949.55</b>	<b>\$ 19,840,386.94</b>	<b>\$ 35,567,949.55</b>

<b>Proposals Total by Category</b>	<b>September 2022</b>	<b>September 2023</b>	<b>YTD FY2023</b>	<b>YTD FY2024</b>
Instruction	\$ -	\$ -	\$ -	\$ -
Public Service	\$ 722,204.05	\$ -	\$ 722,204.05	\$ -
Research (Applied, Basic, Development)	\$ 18,227,878.23	\$ 35,375,583.55	\$ 18,227,878.23	\$ 35,375,583.55
Other <sup>2</sup>	\$ 890,304.66	\$ 192,366.00	\$ 890,304.66	\$ 192,366.00
<b>Grand Total:</b>	<b>\$ 19,840,386.94</b>	<b>\$ 35,567,949.55</b>	<b>\$ 19,840,386.94</b>	<b>\$ 35,567,949.55</b>

<b>Proposals Total by Source of Funding</b>	<b>September 2022</b>	<b>September 2023</b>	<b>YTD FY2023</b>	<b>YTD FY2024</b>
Federal	\$ 16,592,301.94	\$ 34,045,110.55	\$ 16,592,301.94	\$ 34,045,110.55
Private	\$ 3,185,778.00	\$ 1,522,839.00	\$ 3,185,778.00	\$ 1,522,839.00
State	\$ 62,307.00	\$ -	\$ 62,307.00	\$ -
<b>Grand Total:</b>	<b>\$ 19,840,386.94</b>	<b>\$ 35,567,949.55</b>	<b>\$ 19,840,386.94</b>	<b>\$ 35,567,949.55</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, September FY2024

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
<b>UNT</b>												
<i>College of Education</i>												
<i>Counseling &amp; Higher Education</i>												
<b>Dillman Taylor, Dalena</b>												
GFP0001091 New	Project Harmony 2.0 (90ZB0009-01-00)	Research-Applied	University of Central Florida	Federal Flow-through	PI	9/30/2023	2	48.50%	100	\$75,010	Pending Sponsor Review	
		Totals for	<b>Dillman Taylor, Dalena</b>								<b>\$75,010</b>	
		Totals for	<b>Counseling &amp; Higher Education</b>								<b>\$75,010</b>	
<i>Educational Psychology</i>												
<b>Acar, Selcuk</b>												
GFP0001045 New	Measuring Original Thinking in Elementary Students' Drawings: A Computer Vision	Research-Basic	Institute of Education Sciences	Federal	PI	9/1/2024	4	48.50%	100	\$1,952,883	Pending Sponsor Review	
		Totals for	<b>Acar, Selcuk</b>								<b>\$1,952,883</b>	
		Totals for	<b>Educational Psychology</b>								<b>\$1,952,883</b>	
<i>Kinesiology, Hlth Promo, &amp; Rec</i>												
<b>Deemer, Sarah</b>												
<i>Deemer,S.,CoPI; Sprick,J.,PI; McFarlin,B.,CoPI; Kinesiology, Hlth Promo, &amp; Rec; Crossley,D.,CoPI; Biological Sciences</i>												
GFP0000880 New	Targeting Skeletal Muscle Quality to Restore the Cardio-protective Effects of Remote Ischemic Preconditioning in Aging	Research-Clinical	National Institutes of Health	Federal	Co-PI	9/1/2024	2	48.50%	10	\$39,625	Pending Sponsor Review	
		Totals for	<b>Deemer, Sarah</b>								<b>\$39,625</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>McFarlin, Brian</b>											
<i>McFarlin,B.,CoPI; Sprick,J.,PI; Deemer,S.,CoPI; Kinesiology, Hlth Promo, &amp; Rec; Crossley,D.,CoPI; Biological Sciences</i>											
GFP0000880 New	Targeting Skeletal Muscle Quality to Restore the Cardio-protective Effects of Remote Ischemic Preconditioning in Aging	Research-Clinical	National Institutes of Health	Federal	Co-PI	9/1/2024	2	48.50%	10	\$39,625	Pending Sponsor Review
			Totals for	<b>McFarlin, Brian</b>						<b>\$39,625</b>	
<b>Sprick, Justin</b>											
<i>Sprick,J.,PI; Deemer,S.,CoPI; McFarlin,B.,CoPI; Kinesiology, Hlth Promo, &amp; Rec; Crossley,D.,CoPI; Biological Sciences</i>											
GFP0000880 New	Targeting Skeletal Muscle Quality to Restore the Cardio-protective Effects of Remote Ischemic Preconditioning in Aging	Research-Clinical	National Institutes of Health	Federal	PI	9/1/2024	2	48.50%	70	\$277,375	Pending Sponsor Review
			Totals for	<b>Sprick, Justin</b>						<b>\$277,375</b>	
			Totals for	<b>Kinesiology, Hlth Promo, &amp; Rec</b>						<b>\$356,625</b>	
			Totals for	<b>College of Education</b>						<b>\$2,384,518</b>	
<b>College of Engineering</b>											
<b>Biomedical Engineering</b>											
<b>Albert, Mark</b>											
<i>Albert,M.,CoPI; Biomedical Engineering; Feng,Y.,PI; Albert,M.,CoPI; Computer Science &amp; Engineering</i>											
GFP0001161 New	REU Site: Aligning Artificial Intelligence with Human Values	Research-Applied	National Science Foundation	Federal	Co-PI	3/1/2024	3	48.50%	4	\$18,473	Pending Sponsor Review
			Totals for	<b>Albert, Mark</b>						<b>\$18,473</b>	
<b>Ecker, Melanie</b>											
<i>Ecker,M.,CoPI; Biomedical Engineering; Xiao,Y.,PI; Neu,J.,CoPI; Lin,Y.,CoPI; Physics; Lin,Y.,CoPI; Electrical Engineering; Kelber,J.,CoPI; Chemistry</i>											
GFP0001046 New	Understanding infrared materials with optical ellipsometry	Research-Applied	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	10	\$25,750	Pending Sponsor Review
			Totals for	<b>Ecker, Melanie</b>						<b>\$25,750</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
<b>Esmailie, Fateme</b>												
GFP0001059 New	An AI-assisted approach to correct local hemodynamics of bioprosthetic valves for valve thrombosis management	Research-Applied	National Institutes of Health	Federal	PI	7/1/2024	4	48.50%	100	\$714,316	Pending Sponsor Review	
		Totals for	<b>Esmailie, Fateme</b>							<b>\$714,316</b>		
<b>Jafari, Amir</b>												
GFP0001162 New	ALPS-PSI: Automated Landing Pad Simulator to mitigate Plume surface interactions	Research-Applied	University of Texas at San Antonio	Federal Flow-through	PI	4/1/2024	0.8	48.50%	100	\$50,000	Pending Sponsor Review	
		Totals for	<b>Jafari, Amir</b>							<b>\$50,000</b>		
<b>Li, Lin</b>												
GFP0001133 New	Validation of Rat Chronic Fluid Percussion Injury as a Model of Alzheimer's Related Dementia	Research-Basic	University of California, Los Angeles	Federal Flow-through	PI	7/1/2024	5	48.50%	100	\$1,368,411	Pending Sponsor Review	
		Totals for	<b>Li, Lin</b>							<b>\$1,368,411</b>		
<b>Yang, Yong</b>												
GFP0001174 New	Formulation and locally delivery of drug delivery systems to effectively treat lung fibrosis	Research-Basic	University of Texas at Arlington	Federal Flow-through	PI	7/1/2024	5	48.50%	100	\$615,197	Pending Sponsor Review	
		Totals for	<b>Yang, Yong</b>							<b>\$615,197</b>		
		Totals for	<b>Biomedical Engineering</b>							<b>\$2,792,147</b>		

### **Computer Science & Engineering**

#### **Albert, Mark**

*Albert, M., CoPI; Feng, Y., PI; Computer Science & Engineering; Albert, M., CoPI; Biomedical Engineering*

GFP0001161 New	REU Site: Aligning Artificial Intelligence with Human Values	Research-Applied	National Science Foundation	Federal	Co-PI	3/1/2024	3	48.50%	36	\$166,254	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>Albert, Mark</b>								<b>\$166,254</b>	
<b>Bhowmick, Sanjukta</b>												
GFP0001099 New	Collaborative Research: CIRC: NEW: A Multilayer Network (MLN) Community Infrastructure for Data, Interaction, Visualization, and Software (MLN-DIVE)	Research-Basic	National Science Foundation	Federal	PI	6/1/2024	3	48.50%	100	\$435,000	Pending Sponsor Review	
		Totals for	<b>Bhowmick, Sanjukta</b>								<b>\$435,000</b>	
<b>Fan, Heng</b>												
GFP0001114 New	RI: Small: Visual-Linguistic Tracking: Towards Persistent Target Tracking with Vision and Language	Research-Basic	National Science Foundation	Federal	PI	6/1/2024	3	48.50%	100	\$449,503	Pending Sponsor Review	
		Totals for	<b>Fan, Heng</b>								<b>\$449,503</b>	
<b>Feng, Yunhe</b>												
<i>Feng, Y.,PI; Albert, M.,CoPI; Computer Science &amp; Engineering; Albert, M.,CoPI; Biomedical Engineering</i>												
GFP0001161 New	REU Site: Aligning Artificial Intelligence with Human Values	Research-Applied	National Science Foundation	Federal	PI	3/1/2024	3	48.50%	60	\$277,091	Pending Sponsor Review	
		Totals for	<b>Feng, Yunhe</b>								<b>\$277,091</b>	
<b>Morozov, Kirill</b>												
<i>Morozov, K.,CoPI; Yuan, X.,PI; Computer Science &amp; Engineering; Liang, L.,CoPI; Geography</i>												
GFP0001071 New	POSE: Phase I: A Pathway toward Open-Source Ecosystem for Geospatial Agricultural Data Analysis	Research-Basic	National Science Foundation	Federal	Co-PI	4/1/2024	1	48.50%	20	\$60,000	Pending Sponsor Review	
		Totals for	<b>Morozov, Kirill</b>								<b>\$60,000</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Quevedo-Torrero, Jesus</b>											
<i>Quevedo-Torrero,J.,CoPI; Tymoshchuk,P.,PI; Computer Science &amp; Engineering</i>											
GFP0000986 New	REU Site: Interdisciplinary Research Experience on Designing, Software and Hardware Implementation Simulation and Applications of Neural Networks and Solving Related Problems	Research-Basic	National Science Foundation	Federal	Co-PI	4/1/2024	3	48.50%	50	\$202,005	Pending Sponsor Review
		Totals for	<b>Quevedo-Torrero, Jesus</b>							<b>\$202,005</b>	
<b>Rattani, Ajita</b>											
GFP0001109 New	SaTC: CORE: Small: Probing Fairness of Ocular Biometrics Methods Across Demographic Variations	Research-Basic	National Science Foundation	Federal	PI	8/31/2023	1.1	48.50%	100	\$95,091	Awarded
		Totals for	<b>Rattani, Ajita</b>							<b>\$95,091</b>	
<b>Tymoshchuk, Pavlo</b>											
<i>Tymoshchuk,P.,PI; Quevedo-Torrero,J.,CoPI; Computer Science &amp; Engineering</i>											
GFP0000986 New	REU Site: Interdisciplinary Research Experience on Designing, Software and Hardware Implementation Simulation and Applications of Neural Networks and Solving Related Problems	Research-Basic	National Science Foundation	Federal	PI	4/1/2024	3	48.50%	50	\$202,005	Pending Sponsor Review
		Totals for	<b>Tymoshchuk, Pavlo</b>							<b>\$202,005</b>	
<b>Yuan, Xiaohui</b>											
<i>Yuan,X.,PI; Morozov,K.,CoPI; Computer Science &amp; Engineering; Liang,L.,CoPI; Geography</i>											
GFP0001071 New	POSE: Phase I: A Pathway toward Open-Source Ecosystem for Geospatial Agricultural Data Analysis	Research-Basic	National Science Foundation	Federal	PI	4/1/2024	1	48.50%	60	\$180,000	Pending Sponsor Review
		Totals for	<b>Yuan, Xiaohui</b>							<b>\$180,000</b>	
		Totals for	<b>Computer Science &amp; Engineering</b>							<b>\$2,066,949</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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**Electrical Engineering**

**Kim, Jungkwun**

GFP0001144 New	Novel Multifaceted Diabetic Wound Care Strategy: Rapid Wound Healing and Anti-Infection	Research-Applied	University of Arkansas for Medical Scien	Federal Flow-through	PI	8/1/2024	5	48.50%	100	\$588,788	Pending Sponsor Review
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Totals for **Kim, Jungkwun** **\$588,788**

**Lin, Yuankun**

*Lin,Y.,CoPI; Electrical Engineering; Xiao,Y.,PI; Neu,J.,CoPI; Lin,Y.,CoPI; Physics; Ecker,M.,CoPI; Biomedical Engineering; Kelber,J.,CoPI; Chemistry*

GFP0001046 New	Understanding infrared materials with optical ellipsometry	Research-Applied	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	2.5	\$6,438	Pending Sponsor Review
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*Lin,Y.,CoPI; Electrical Engineering; Neu,J.,PI; Philipose,U.,CoPI; Cui,J.,CoPI; Xiao,Y.,CoPI; Lin,Y.,CoPI; Physics; Zhang,Z.,CoPI; Choi,T.,CoPI; Mechanical Engineering; Kelber,J.,CoPI; Chemistry*

GFP0001080 New	Conductive-Probe-AFM combined with Terahertz Scattering Near-Field Microscope (c-AFM+THz-SNOM)	Research-Basic	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	2.5	\$19,125	Pending Sponsor Review
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Totals for **Lin, Yuankun** **\$25,562**

**Namuduri, Kameswara Rao**

GFP0001129 New	Collaborative Research: Explorations: Raising Arrows: Experiential Learning and Career Pathways in AI/ML and Unmanned Aerial Vehicle Technologies in the Choctaw Nation of Oklahoma	Research-Basic	National Science Foundation	Federal	PI	3/1/2024	3	48.50%	100	\$230,000	Pending Sponsor Review
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Totals for **Namuduri, Kameswara Rao** **\$230,000**

Totals for **Electrical Engineering** **\$844,350**

**Materials Science & Engineer**

**Berman, Diana**

*Berman,D.,PI; Materials Science & Engineer; Chapman,K.,CoPI; Biological Sciences*

GFP0001146 New	Estolide-rich Orychopragmus violaceus oil for biobased, biodegradable lubricants	Research-Basic	Hydrotex	Federal Flow-through	PI	8/1/2024	1	48.50%	70	\$17,500	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>Berman, Diana</b>							<b>\$17,500</b>	
<b>Choi, Wonbong</b>											
<i>Choi, W., PI; Materials Science &amp; Engineer; Choi, W., PI; Mechanical Engineering</i>											
GFP0001116 New	PARTNERSHIP: Embed nanomaterials in food-originated nanocomposites via additive manufacturing for safe bio-nanointerface and real time sensing	Research-Applied	The University of Oklahoma	Federal Flow-through	PI	1/16/2024	3	48.50%	80	\$212,000	Pending Sponsor Review
Totals for			<b>Choi, Wonbong</b>							<b>\$212,000</b>	
<b>Mishra, Rajiv</b>											
GFP0001007 New	Design of tungsten-based alloys for printability-performance synergy	Research-Basic	National Aeronautics & Space Administrat	Federal	PI	11/1/2023	1	48.50%	100	\$79,106	JIT Response Required
Totals for			<b>Mishra, Rajiv</b>							<b>\$79,106</b>	
<b>Young, Marcus</b>											
GFP0001097 New	Shape memory alloy antenna for satellites used in space	Research-Applied	L'Garde, Inc.	Industry/For Profit	PI	1/1/2024	2	48.50%	100	\$800,000	Pending Sponsor Review
GFP0001138 New	CPS Tech NiTiHf Wire	Research-Applied	CPS Technologies Corp.	Industry/For Profit	PI	10/1/2023	0.2	48.50%	100	\$20,000	Awarded
GFP0001182 New	ShaMAAn: Shape Memory Alloy Antenna for V-Band	Research-Applied	L'Garde, Inc.	Federal Flow-through	PI	2/1/2024	1.2	48.50%	100	\$400,000	Pending Sponsor Review
Totals for			<b>Young, Marcus</b>							<b>\$1,220,000</b>	
<b>Zheng, Yufeng</b>											
GFP0001061 New	CAREER: Understanding the Role of Nanoprecipitates in Advanced Metastable Titanium Alloys	Research-Basic	National Science Foundation	Federal	PI	9/1/2023	4	48.50%	100	\$520,585	Awarded
Totals for			<b>Zheng, Yufeng</b>							<b>\$520,585</b>	



File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	<b>Materials Science &amp; Engineer</b>							<b>\$2,049,191</b>	
<b>Mechanical Engineering</b>											
<b>Choi, Tae-Youl</b>											
<i>Choi,T.,CoPI; Zhang,Z.,CoPI; Mechanical Engineering; Neu,J.,PI; Philipose,U.,CoPI; Cui,J.,CoPI; Xiao,Y.,CoPI; Lin,Y.,CoPI; Physics; Lin,Y.,CoPI; Electrical Engineering; Kelber,J.,CoPI; Chemistry</i>											
GFP0001080 New	Conductive-Probe-AFM combined with Terahertz Scattering Near-Field Microscope (c-AFM+THz-SNOM)	Research-Basic	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	10	\$76,498	Pending Sponsor Review
		Totals for	<b>Choi, Tae-Youl</b>							<b>\$76,498</b>	
<b>Choi, Wonbong</b>											
<i>Choi,W.,PI; Mechanical Engineering; Choi,W.,PI; Materials Science &amp; Engineer</i>											
GFP0001116 New	PARTNERSHIP: Embed nanomaterials in food-originated nanocomposites via additive manufacturing for safe bio-nanointerface and real time sensing	Research-Applied	The University of Oklahoma	Federal Flow-through	PI	1/16/2024	3	48.50%	20	\$53,000	Pending Sponsor Review
		Totals for	<b>Choi, Wonbong</b>							<b>\$53,000</b>	
<b>John, Kuruvilla</b>											
<i>John,K.,CoPI; Yalamanchili,R.,PI; Mechanical Engineering; Gregory,A.,CoPI; Biological Sciences</i>											
GFP0001110 New	AFFORDABLE MODULAR SYSTEM FOR AUTONOMOUS MANAGEMENT OF SMALL-SCALE FARMS AND RANCHES	Research-Development	Z&S Tech, LLC.	Federal Flow-through	Co-PI	7/1/2024	1	48.50%	30	\$22,500	Pending Sponsor Review
		Totals for	<b>John, Kuruvilla</b>							<b>\$22,500</b>	
<b>Shen, Mo-how</b>											
GFP0001102 New	Collaborative Research: Real-Time Process Anomalies Prognosis/Diagnosis through Interpretable Melt Pool Behavior in Wire Arc Additive Manufacturing	Research-Basic	National Science Foundation	Federal	PI	8/15/2024	3	48.50%	100	\$249,526	Pending Sponsor Review
		Totals for	<b>Shen, Mo-how</b>							<b>\$249,526</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Yalamanchili, Rattaya</b>											
<i>Yalamanchili,R.,PI; John,K.,CoPI; Mechanical Engineering; Gregory,A.,CoPI; Biological Sciences</i>											
GFP0001110 New	AFFORDABLE MODULAR SYSTEM FOR AUTONOMOUS MANAGEMENT OF SMALL-SCALE FARMS AND RANCHES	Research-Development	Z&S Tech, LLC.	Federal Flow-through	PI	7/1/2024	1	48.50%	40	\$30,000	Pending Sponsor Review

Totals for **Yalamanchili, Rattaya** **\$30,000**

**Zhang, Zihao**

*Zhang,Z.,CoPI; Choi,T.,CoPI; Mechanical Engineering; Neu,J.,PI; Philipose,U.,CoPI; Cui,J.,CoPI; Xiao,Y.,CoPI; Lin,Y.,CoPI; Physics; Lin,Y.,CoPI; Electrical Engineering; Kelber,J.,CoPI; Chemistry*

GFP0001080 New	Conductive-Probe-AFM combined with Terahertz Scattering Near-Field Microscope (c-AFM+THz-SNOM)	Research-Basic	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	10	\$76,498	Pending Sponsor Review
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Totals for **Zhang, Zihao** **\$76,498**

Totals for **Mechanical Engineering** **\$508,022**

**NULL**

**Xiao, Xinyi**

GFP0001044 New	Collaborative Research: 3D/4D Programmable Metamaterial-Reinforced Concrete for Civil Infrastructures with Advanced Functionalities	Research-Basic	National Science Foundation	Federal	PI	2/14/2024	2	48.50%	100	\$195,120	Pending Sponsor Review
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Totals for **Xiao, Xinyi** **\$195,120**

Totals for **NULL** **\$195,120**

Totals for **College of Engineering** **\$8,455,779**

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>Audiology &amp; Speech - Lang Path</b>											
<b>Aoyama, Katsura</b>											
<i>Aoyama,K.,PI; Miller,S.,CoPI; Audiology &amp; Speech - Lang Path</i>											
GGFP00028 Resubmission	REU Site: North Texas Summer Research Program in Speech, Language, and Hearing Research	Research-Basic	National Science Foundation	Federal	PI	4/1/2024	3	48.50%	50	\$170,026	Pending Sponsor Review
			Totals for	<b>Aoyama, Katsura</b>						<b>\$170,026</b>	
<b>Miller, Sharon</b>											
<i>Miller,S.,CoPI; Aoyama,K.,PI; Audiology &amp; Speech - Lang Path</i>											
GGFP00028 Resubmission	REU Site: North Texas Summer Research Program in Speech, Language, and Hearing Research	Research-Basic	National Science Foundation	Federal	Co-PI	4/1/2024	3	48.50%	50	\$170,026	Pending Sponsor Review
			Totals for	<b>Miller, Sharon</b>						<b>\$170,026</b>	
			Totals for	<b>Audiology &amp; Speech - Lang Path</b>						<b>\$340,051</b>	
<b>Emergency Mgmt &amp; Disaster Sci</b>											
<b>Schumann, Ronald</b>											
-0474 Revision	Collaborative Research: Place Attachment in Mitigation and Recovery: A Mixed Methods Study of Residential Adjustment Following Wildfires	Research-Basic	National Science Foundation	Federal	PI	3/1/2024	0.8	48.50%	100	\$15,423	Pending Sponsor Review
			Totals for	<b>Schumann, Ronald</b>						<b>\$15,423</b>	
			Totals for	<b>Emergency Mgmt &amp; Disaster Sci</b>						<b>\$15,423</b>	
<b>UNWISE - Workplace Inclusion</b>											
<b>Gafford, Lucy</b>											
GGFP00011 Revision	Texas Beacons of Excellence	Research-Applied	Texas Workforce Commission	Federal Flow-through	PI	10/1/2027	1	26.00%	100	\$230,000	Pending Sponsor Review
			Totals for	<b>Gafford, Lucy</b>						<b>\$230,000</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
		Totals for	<b>UNTWISE - Workplace Inclusion</b>								<b>\$230,000</b>	
		Totals for	<b>College of Health &amp; Public Service</b>								<b>\$585,474</b>	

**College of Information  
Information Science**

**Chen, Haihua**

*Chen,H.,CoPI; Ding,J.,PI; Hossain,K.,CoPI; Sharma,S.,CoPI; Information Science; Kinshuk,X.,CoPI; Information-Dean's Off*

GFP0001025 New	NRT-AI: Train Next-Generation Scientists and Engineers in Data-Centric Intelligence	Research-Basic	National Science Foundation	Federal	Co-PI	3/1/2024	5	48.50%	10	\$300,000	Pending Sponsor Review
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Totals for **Chen, Haihua** **\$300,000**

**Ding, Junhua**

*Ding,J.,PI; Hossain,K.,CoPI; Sharma,S.,CoPI; Chen,H.,CoPI; Information Science; Kinshuk,X.,CoPI; Information-Dean's Off*

GFP0001025 New	NRT-AI: Train Next-Generation Scientists and Engineers in Data-Centric Intelligence	Research-Basic	National Science Foundation	Federal	PI	3/1/2024	5	48.50%	60	\$1,800,000	Pending Sponsor Review
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Totals for **Ding, Junhua** **\$1,800,000**

**Hossain, K S M Tozammel**

*Hossain,K.,CoPI; Ding,J.,PI; Sharma,S.,CoPI; Chen,H.,CoPI; Information Science; Kinshuk,X.,CoPI; Information-Dean's Off*

GFP0001025 New	NRT-AI: Train Next-Generation Scientists and Engineers in Data-Centric Intelligence	Research-Basic	National Science Foundation	Federal	Co-PI	3/1/2024	5	48.50%	10	\$300,000	Pending Sponsor Review
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GFP0001050 New	Agroforestry For Climate Risk Management: Effectiveness Of Windbreaks In Reducing Crop Loss in Midwest, USA	Research-Applied	University of Missouri-Columbia	Federal Flow-through	PI	11/1/2023	1.2	42.85%	100	\$20,565	Pending Sponsor Review
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Totals for **Hossain, K S M Tozammel** **\$320,565**

**Sharma, Sharad**

*Sharma,S.,CoPI; Ding,J.,PI; Hossain,K.,CoPI; Chen,H.,CoPI; Information Science; Kinshuk,X.,CoPI; Information-Dean's Off*

GFP0001025 New	NRT-AI: Train Next-Generation Scientists and Engineers in Data-Centric Intelligence	Research-Basic	National Science Foundation	Federal	Co-PI	3/1/2024	5	48.50%	10	\$300,000	Pending Sponsor Review
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Totals for **Sharma, Sharad** **\$300,000**

Totals for **Information Science** **\$2,720,565**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Information-Dean's Off</b>											
<b>Kinshuk, XXX</b>											
<i>Kinshuk,X.,CoPI; Information-Dean's Off; Ding,J.,PI; Hossain,K.,CoPI; Sharma,S.,CoPI; Chen,H.,CoPI; Information Science</i>											
GFP0001025 New	NRT-AI: Train Next-Generation Scientists and Engineers in Data-Centric Intelligence	Research-Basic	National Science Foundation	Federal	Co-PI	3/1/2024	5	48.50%	10	\$300,000	Pending Sponsor Review
		Totals for	<b>Kinshuk, XXX</b>							<b>\$300,000</b>	
		Totals for	<b>Information-Dean's Off</b>							<b>\$300,000</b>	
<b>Learning Technologies</b>											
<b>Christensen, Rhonda</b>											
<i>Christensen,R.,CoPI; Knezek,G.,PI; Learning Technologies</i>											
GFP0001118 New	RAPID: The Twilight Zone: STEM Engagement through Solar Eclipses	Research-Basic	National Science Foundation	Federal	Co-PI	10/1/2023	1	26.00%	50	\$99,693	Pending Sponsor Review
		Totals for	<b>Christensen, Rhonda</b>							<b>\$99,693</b>	
<b>Kaplan-Rakowski, Regina</b>											
GFP0001145 New	Generative AI for the Development of Oral Skills	Research-Applied	Cambridge University Press & Assessment	Foundation/Not For Profit	PI	12/1/2023	1	48.50%	100	\$16,126	Pending Sponsor Review
		Totals for	<b>Kaplan-Rakowski, Regina</b>							<b>\$16,126</b>	
<b>Knezek, Gerald</b>											
<i>Knezek,G.,PI; Christensen,R.,CoPI; Learning Technologies</i>											
GFP0001118 New	RAPID: The Twilight Zone: STEM Engagement through Solar Eclipses	Research-Basic	National Science Foundation	Federal	PI	10/1/2023	1	26.00%	50	\$99,693	Pending Sponsor Review
		Totals for	<b>Knezek, Gerald</b>							<b>\$99,693</b>	
		Totals for	<b>Learning Technologies</b>							<b>\$215,511</b>	
		Totals for	<b>College of Information</b>							<b>\$3,236,076</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 Liberal Arts & Social Sciences**

**Geography**

**Liang, Lu**

*Liang,L.,CoPI; Geography; Yuan,X.,PI; Morozov,K.,CoPI; Computer Science & Engineering*

GFP0001071 New	POSE: Phase I: A Pathway toward Open-Source Ecosystem for Geospatial Agricultural Data Analysis	Research-Basic	National Science Foundation	Federal	Co-PI	4/1/2024	1	48.50%	20	\$60,000	Pending Sponsor Review
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Totals for **Liang, Lu** **\$60,000**

Totals for **Geography** **\$60,000**

**NULL**

**Datta, Arunima**

GFP0001120 New	Waiting on Empire: A History of Indian travelling ayahs in Britain	Research-Basic	Utah State University	Foundation/Not For Profit	PI	10/1/2023	0.2	10.00%	100	\$1,001	Pending Sponsor Review
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Totals for **Datta, Arunima** **\$1,001**

Totals for **NULL** **\$1,001**

**Psychology**

**Levin-Aspenson, Holly**

GFP0001169 New	Whole-brain dynamic cerebral autoregulation biomarkers to predict functional recovery in stroke	Research-Applied	Emory University	Federal Flow-through	PI	7/1/2024	5	48.50%	100	\$70,819	Pending Sponsor Review
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Totals for **Levin-Aspenson, Holly** **\$70,819**

**Petrie, Trent**

-0734 Revision	PAC-12 Test of the Effectiveness of Bodies in Motion in Reducing Disordered Eating and Body Image Concerns, and Improving Psychological Well-Being, Among Male and Female Student-Athletes	Research-Applied	The University of Arizona	Industry Flow-through	PI	9/1/2023	1	20.00%	100	\$9,000	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>Petrie, Trent</b>							<b>\$9,000</b>	
		Totals for	<b>Psychology</b>							<b>\$79,819</b>	

**Technical Communication**

**Cosgrove, Samantha**

*Cosgrove,S.,CoPI; Technical Communication; Roberts,A.,PI; Dzialowski,E.,CoPI; Lund,A.,CoPI; Azad,R.,CoPI; Biological Sciences; Ma,S.,CoPI; Omary,M.,CoPI; Chemistry; Herrington,R.,CoPI; Research Computing Services*

GFP0000842 New	Toxic Exposures Affecting Community Health: TEACH Center for the study of methylmercury in urban aquatic systems	Research-Basic	National Institutes of Health	Federal	Co-PI	2/1/2025	5	48.50%	16.66	\$2,411,242	Pending Sponsor Review
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Totals for	<b>Cosgrove, Samantha</b>									<b>\$2,411,242</b>	
Totals for	<b>Technical Communication</b>									<b>\$2,411,242</b>	

**Women's and Gender Studies**

**Altiok, Ozlem**

GFP0001123 New	An Intersectional Analysis of Unplanned Pregnancies Among University Students: Assessing the Feasibility of Intervention Strategies in a Multi-State Study	Research-Basic	North Carolina Agricultural & Tech St Un	Federal Flow-through	PI	8/1/2024	4	48.50%	100	\$64,104	Pending Sponsor Review
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Totals for	<b>Altiok, Ozlem</b>									<b>\$64,104</b>	
Totals for	<b>Women's and Gender Studies</b>									<b>\$64,104</b>	
Totals for	<b>College of Liberal Arts &amp; Social Sciences</b>									<b>\$2,616,166</b>	

**College of Merchandising, Hospitality and Tourism**

**Hospitality & Tourism**

**Connors, Priscilla**

GFP0001137 New	Analyzing Archival Lunch Tray Images to Document Plate-Waste of Meat and Non-Meat Entrees	Research-Applied	National Cattlemen's Beef Association	Foundation/Not For Profit	PI	10/1/2023	1	0.00%	100	\$20,245	Pending Sponsor Review
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Totals for	<b>Connors, Priscilla</b>									<b>\$20,245</b>	
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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
<b>Kc, Birendra</b>											
GFP0001139 New	Harnessing Big Data to Inform Agritourism Development and Drive Economic Empowerment of Rural America	Research-Development	Delve Web Services Inc.	Federal Flow-through	PI	7/1/2024	1	48.50%	100	\$41,218	Pending Sponsor Review
GFP0001143 New	Empowering Small and Mid-Size Farms to Grow and Refine Agritourism Enterprises Through a Modern, User-Friendly Portal	Research-Development	Delve Web Services Inc.	Federal Flow-through	PI	7/1/2024	1	48.50%	100	\$41,218	Pending Sponsor Review
			Totals for	<b>Kc, Birendra</b>						<b>\$82,436</b>	
<b>Lee, Harold</b>											
<i>Lee,H.,PI; Min,J.,CoPI; Hospitality &amp; Tourism; Yang,K.,CoPI; Merch &amp; Digital Retailing</i>											
GFP0001024 New	Developing Evidence-Based Guidelines for Responsible Gambling Advertising: A Multi-Step Approach	Research-Basic	International Center for Responsible Gam	Foundation/Not For Profit	PI	1/1/2024	2	15.00%	34	\$58,202	Pending Sponsor Review
			Totals for	<b>Lee, Harold</b>						<b>\$58,202</b>	
<b>Min, Jihye</b>											
<i>Min,J.,CoPI; Lee,H.,PI; Hospitality &amp; Tourism; Yang,K.,CoPI; Merch &amp; Digital Retailing</i>											
GFP0001024 New	Developing Evidence-Based Guidelines for Responsible Gambling Advertising: A Multi-Step Approach	Research-Basic	International Center for Responsible Gam	Foundation/Not For Profit	Co-PI	1/1/2024	2	15.00%	33	\$56,490	Pending Sponsor Review
			Totals for	<b>Min, Jihye</b>						<b>\$56,490</b>	
			Totals for	<b>Hospitality &amp; Tourism</b>						<b>\$217,373</b>	
<b>Merch &amp; Digital Retailing</b>											
<b>Yang, Kiseol</b>											
<i>Yang,K.,CoPI; Merch &amp; Digital Retailing; Lee,H.,PI; Min,J.,CoPI; Hospitality &amp; Tourism</i>											
GFP0001024 New	Developing Evidence-Based Guidelines for Responsible Gambling Advertising: A Multi-Step Approach	Research-Basic	International Center for Responsible Gam	Foundation/Not For Profit	Co-PI	1/1/2024	2	15.00%	33	\$56,490	Pending Sponsor Review



File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
		Totals for	<b>Yang, Kiseol</b>								<b>\$56,490</b>	
		Totals for	<b>Merch &amp; Digital Retailing</b>								<b>\$56,490</b>	
		Totals for	<b>College of Merchandising, Hospitality and Tourism</b>								<b>\$273,863</b>	

**College of Science**  
**Biological Sciences**

**Azad, Rajeev**

*Azad,R.,CoPI; Roberts,A.,PI; Dzialowski,E.,CoPI; Lund,A.,CoPI; Biological Sciences; Cosgrove,S.,CoPI; Technical Communication; Ma,S.,CoPI; Omary,M.,CoPI; Chemistry; Herrington,R.,CoPI; Research Computing Services*

GFP0000842 New	Toxic Exposures Affecting Community Health: TEACH Center for the study of methylmercury in urban aquatic systems	Research-Basic	National Institutes of Health	Federal	Co-PI	2/1/2025	5	48.50%	5.55	\$803,265	Pending Sponsor Review
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Totals for **Azad, Rajeev** **\$803,265**

**Chapman, Kent**

*Chapman,K.,CoPI; Biological Sciences; Berman,D.,PI; Materials Science & Engineer*

GFP0001146 New	Estolide-rich Orychophragmus violaceus oil for biobased, biodegradable lubricants	Research-Basic	Hydrotex	Federal Flow-through	Co-PI	8/1/2024	1	48.50%	30	\$7,500	Pending Sponsor Review
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Totals for **Chapman, Kent** **\$7,500**

**Crossley, Dane**

*Crossley,D.,CoPI; Biological Sciences; Sprick,J.,PI; Deemer,S.,CoPI; McFarlin,B.,CoPI; Kinesiology, Hlth Promo, & Rec*

GFP0000880 New	Targeting Skeletal Muscle Quality to Restore the Cardio-protective Effects of Remote Ischemic Preconditioning in Aging	Research-Clinical	National Institutes of Health	Federal	Co-PI	9/1/2024	2	48.50%	10	\$39,625	Pending Sponsor Review
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Totals for **Crossley, Dane** **\$39,625**

**Dzialowski, Edward**

*Dzialowski,E.,CoPI; Roberts,A.,PI; Lund,A.,CoPI; Azad,R.,CoPI; Biological Sciences; Cosgrove,S.,CoPI; Technical Communication; Ma,S.,CoPI; Omary,M.,CoPI; Chemistry; Herrington,R.,CoPI; Research Computing Services*

GFP0000842 New	Toxic Exposures Affecting Community Health: TEACH Center for the study of methylmercury in urban aquatic systems	Research-Basic	National Institutes of Health	Federal	Co-PI	2/1/2025	5	48.50%	11.11	\$1,607,977	Pending Sponsor Review
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Totals for **Dzialowski, Edward** **\$1,607,977**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Freiheit, Richard</b>											
GFP0001140 New	IPA for Lewisville Lake Environmental Learning Area (LLELA) Conservation Manager	Other	US Army Engineer R&D Center	Federal	PI	1/2/2024	2	0.00%	100	\$90,811	Pending Sponsor Review
		Totals for	<b>Freiheit, Richard</b>							<b>\$90,811</b>	
<b>Gregory, Andrew</b>											
<i>Gregory,A.,CoPI; Biological Sciences; Yalamanchili,R.,PI; John,K.,CoPI; Mechanical Engineering</i>											
GFP0001110 New	AFFORDABLE MODULAR SYSTEM FOR AUTONOMOUS MANAGEMENT OF SMALL-SCALE FARMS AND RANCHES	Research-Development	Z&S Tech, LLC.	Federal Flow-through	Co-PI	7/1/2024	1	48.50%	30	\$22,500	Pending Sponsor Review
		Totals for	<b>Gregory, Andrew</b>							<b>\$22,500</b>	
<b>Henard, Calvin</b>											
<i>Henard,C.,CoPI; Lichtenberg,E.,PI; Biological Sciences</i>											
GFP0000958 New	Assessing the effects of livestock grazing strategies on rangeland ecosystem service providers	Research-Basic	U.S. Department of Agriculture	Federal	Co-PI	5/16/2024	3	32.38%	25	\$187,500	Pending Sponsor Review
		Totals for	<b>Henard, Calvin</b>							<b>\$187,500</b>	
<b>Hughes, Lee</b>											
GGFP00012 Resubmission	REU Site: Summer Undergraduate Research in Bioproducts Discovery	Research-Basic	National Science Foundation	Federal	PI	3/1/2024	3	48.50%	100	\$461,729	Pending Sponsor Review
		Totals for	<b>Hughes, Lee</b>							<b>\$461,729</b>	
<b>Hunt Von Herbing, Ione</b>											
<i>Hunt Von Herbing,I.,CoPI; Shulaev,V.,CoPI; Biological Sciences; Grigolini,P.,PI; Rostovtsev,Y.,CoPI; Physics</i>											
GFP0001085 New	DMS/NIGMS 1: Using Criticality and Biophoton Emission as a Novel Biomedical Perspective for Health	Research-Basic	National Science Foundation	Federal	Co-PI	6/3/2024	3	48.50%	25	\$149,950	Pending Sponsor Review

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
GFP0001159 New	New Technologies for Sustainable seafood production and climate protection	Research-Basic	Open Collective Foundation	Foundation/Not For Profit	PI	1/21/2024	3	10.00%	100	\$89,355	Pending Sponsor Review
		Totals for	<b>Hunt Von Herbing, Ione</b>							<b>\$239,305</b>	
<b>Lichtenberg, Elinor</b>											
<i>Lichtenberg,E.,PI; Henard,C.,CoPI; Biological Sciences</i>											
GFP0000958 New	Assessing the effects of livestock grazing strategies on rangeland ecosystem service providers	Research-Basic	U.S. Department of Agriculture	Federal	PI	5/16/2024	3	32.38%	75	\$562,500	Pending Sponsor Review
		Totals for	<b>Lichtenberg, Elinor</b>							<b>\$562,500</b>	
<b>Lund, Amie</b>											
<i>Lund,A.,CoPI; Roberts,A.,PI; Dzialowski,E.,CoPI; Azad,R.,CoPI; Biological Sciences; Cosgrove,S.,CoPI; Technical Communication; Ma,S.,CoPI; Omary,M.,CoPI; Chemistry; Herrington,R.,CoPI; Research Computing Services</i>											
GFP0000842 New	Toxic Exposures Affecting Community Health: TEACH Center for the study of methylmercury in urban aquatic systems	Research-Basic	National Institutes of Health	Federal	Co-PI	2/1/2025	5	48.50%	5.56	\$804,712	Pending Sponsor Review
		Totals for	<b>Lund, Amie</b>							<b>\$804,712</b>	
<b>Roberts, Aaron</b>											
<i>Roberts,A.,PI; Dzialowski,E.,CoPI; Lund,A.,CoPI; Azad,R.,CoPI; Biological Sciences; Cosgrove,S.,CoPI; Technical Communication; Ma,S.,CoPI; Omary,M.,CoPI; Chemistry; Herrington,R.,CoPI; Research Computing Services</i>											
GFP0000842 New	Toxic Exposures Affecting Community Health: TEACH Center for the study of methylmercury in urban aquatic systems	Research-Basic	National Institutes of Health	Federal	PI	2/1/2025	5	48.50%	38.9	\$5,630,092	Pending Sponsor Review
		Totals for	<b>Roberts, Aaron</b>							<b>\$5,630,092</b>	
<b>Shulaev, Vladimir</b>											
<i>Shulaev,V.,CoPI; Hunt Von Herbing,I.,CoPI; Biological Sciences; Grigolini,P.,PI; Rostovtsev,Y.,CoPI; Physics</i>											
GFP0001085 New	DMS/NIGMS 1: Using Criticality and Biophoton Emission as a Novel Biomedical Perspective for Health	Research-Basic	National Science Foundation	Federal	Co-PI	6/3/2024	3	48.50%	25	\$149,950	Pending Sponsor Review
		Totals for	<b>Shulaev, Vladimir</b>							<b>\$149,950</b>	
		Totals for	<b>Biological Sciences</b>							<b>\$10,607,465</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Chemistry</b>											
<b>Atkinson, Molly</b>											
<i>Atkinson,M.,CoPI; Slaughte,L.,PI; Chemistry</i>											
GFP0001147 New	REU Site: Chemistry Research Experiences for Early-Stage Undergraduates through Collaborative HSI Partnerships	Research-Basic	National Science Foundation	Federal	Co-PI	5/15/2024	3	48.50%	50	\$184,698	Pending Sponsor Review
		Totals for	<b>Atkinson, Molly</b>							<b>\$184,698</b>	
<b>Golden, Teresa</b>											
GFP0001157 New	Optic nerve head metabolic change promotes fibrosis	Research-Basic	University of North Texas Health Science	Federal Flow-through	PI	7/1/2024	2	48.50%	100	\$25,595	Pending Sponsor Review
		Totals for	<b>Golden, Teresa</b>							<b>\$25,595</b>	
<b>Kelber, Jeffrey</b>											
<i>Kelber,J.,CoPI; Chemistry; Xiao,Y.,PI; Neu,J.,CoPI; Lin,Y.,CoPI; Physics; Ecker,M.,CoPI; Biomedical Engineering; Lin,Y.,CoPI; Electrical Engineering</i>											
GFP0001046 New	Understanding infrared materials with optical ellipsometry	Research-Applied	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	10	\$25,750	Pending Sponsor Review
<i>Kelber,J.,CoPI; Chemistry; Neu,J.,PI; Philipose,U.,CoPI; Cui,J.,CoPI; Xiao,Y.,CoPI; Lin,Y.,CoPI; Physics; Lin,Y.,CoPI; Electrical Engineering; Zhang,Z.,CoPI; Choi,T.,CoPI; Mechanical Engineering</i>											
GFP0001080 New	Conductive-Probe-AFM combined with Terahertz Scattering Near-Field Microscope (c-AFM+THz-SNOM)	Research-Basic	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	10	\$76,498	Pending Sponsor Review
		Totals for	<b>Kelber, Jeffrey</b>							<b>\$102,248</b>	
<b>Ma, Shengqian</b>											
<i>Ma,S.,CoPI; Omary,M.,CoPI; Chemistry; Roberts,A.,PI; Dzialowski,E.,CoPI; Lund,A.,CoPI; Azad,R.,CoPI; Biological Sciences; Cosgrove,S.,CoPI; Technical Communication; Herrington,R.,CoPI; Research Computing Services</i>											
GFP0000842 New	Toxic Exposures Affecting Community Health: TEACH Center for the study of methylmercury in urban aquatic systems	Research-Basic	National Institutes of Health	Federal	Co-PI	2/1/2025	5	48.50%	5.56	\$804,712	Pending Sponsor Review

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
GFP0001153 Renewal	Crystallographic Studies on co-Crystals	Research-Development	Colgate-Palmolive Company	Industry/For Profit	PI	11/1/2024	1	15.00%	100	\$29,999	Awarded
		Totals for	<b>Ma, Shengqian</b>							<b>\$834,711</b>	
<b>Omary, Mohammad</b>											
<i>Omary,M.,CoPI; Ma,S.,CoPI; Chemistry; Roberts,A.,PI; Dzialowski,E.,CoPI; Lund,A.,CoPI; Azad,R.,CoPI; Biological Sciences; Cosgrove,S.,CoPI; Technical Communication; Herrington,R.,CoPI; Research Computing Services</i>											
GFP0000842 New	Toxic Exposures Affecting Community Health: TEACH Center for the study of methylmercury in urban aquatic systems	Research-Basic	National Institutes of Health	Federal	Co-PI	2/1/2025	5	48.50%	5.55	\$803,265	Pending Sponsor Review
		Totals for	<b>Omary, Mohammad</b>							<b>\$803,265</b>	
<b>Phipps, Joshua</b>											
GFP0001190 New	Understanding the role of three-dimensional confinement and surrounding interactions in protein folding.	Research-Applied	Life Sciences Research Foundation	Foundation/Not For Profit	PI	9/1/2024	3	0.00%	100	\$291,000	Pending Sponsor Review
		Totals for	<b>Phipps, Joshua</b>							<b>\$291,000</b>	
<b>Slaughter, Legrande</b>											
<i>Slaughter,L.,PI; Atkinson,M.,CoPI; Chemistry</i>											
GFP0001147 New	REU Site: Chemistry Research Experiences for Early-Stage Undergraduates through Collaborative HSI Partnerships	Research-Basic	National Science Foundation	Federal	PI	5/15/2024	3	48.50%	50	\$184,698	Pending Sponsor Review
		Totals for	<b>Slaughter, Legrande</b>							<b>\$184,698</b>	
<b>Wang, Hong</b>											
GFP0001057 New	CAS: Highly Interacting Panchromatic Push-Pull Systems: Symmetry Breaking and Quantum Coherence in Electron Transfer	Research-Basic	National Science Foundation	Federal	PI	6/1/2024	3	48.50%	100	\$450,000	Pending Sponsor Review
		Totals for	<b>Wang, Hong</b>							<b>\$450,000</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>											
GFP0001106 New	PARTNERSHIP: 3D printable biocomposites using corn waste and byproducts	Research-Basic	The University of Oklahoma	Federal Flow-through	PI	1/16/2024	3	42.86%	100	\$150,004	Pending Sponsor Review
		Totals for	<b>Yan, Hao</b>							<b>\$150,004</b>	
		Totals for	<b>Chemistry</b>							<b>\$3,026,218</b>	

### *Mathematics*

#### **Beneish, Lea**

*Beneish,L.,PI; Shepler,A.,CoPI; Richter,O.,CoPI; Mathematics*

GFP0001068 New	Collaborative Research: Conference: Texas-Oklahoma Representations and Automorphic forms (TORA)	Research-Other	National Science Foundation	Federal	PI	1/1/2024	3	48.50%	34	\$6,800	JIT Response Required
		Totals for	<b>Beneish, Lea</b>							<b>\$6,800</b>	

#### **Chan, William**

GFP0001021 New	Combinatorics under Determinacy	Research-Basic	National Science Foundation	Federal	PI	9/1/2024	3	48.50%	100	\$213,812	Pending Sponsor Review
		Totals for	<b>Chan, William</b>							<b>\$213,812</b>	

#### **Jackson, Stephen**

GFP0001154 New	Definable sets, determinacy, and equivalence relations	Research-Basic	National Science Foundation	Federal	PI	6/1/2024	3	48.50%	100	\$272,700	Pending Sponsor Review
		Totals for	<b>Jackson, Stephen</b>							<b>\$272,700</b>	

#### **Naresh, Nirmala**

GFP0001033 New	AI-Integration in Mathematics Teacher Education: Fostering Prospective Mathematics Teachers' Productive Struggle and Dispositions	Research-Basic	Louisiana State University	Federal Flow-through	PI	7/1/2024	2	48.50%	100	\$181,266	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
GFP0001067 New	AI Integration for Mathematics: Learning and Engagement through Augmentation in Professional Development (AIM-LEAP)	Research-Development	Spencer Foundation	Foundation/Not For Profit	PI	8/1/2024	0.7	0.00%	100	\$74,931	Pending Sponsor Review
		Totals for	<b>Naresh, Nirmala</b>							<b>\$256,197</b>	
<b>Richter, Olav</b>											
<i>Richter, O., CoPI; Beneish, L., PI; Shepler, A., CoPI; Mathematics</i>											
GFP0001068 New	Collaborative Research: Conference: Texas-Oklahoma Representations and Automorphic forms (TORA)	Research-Other	National Science Foundation	Federal	Co-PI	1/1/2024	3	48.50%	33	\$6,600	JIT Response Required
		Totals for	<b>Richter, Olav</b>							<b>\$6,600</b>	
<b>Shepler, Anne</b>											
<i>Shepler, A., CoPI; Beneish, L., PI; Richter, O., CoPI; Mathematics</i>											
GFP0001068 New	Collaborative Research: Conference: Texas-Oklahoma Representations and Automorphic forms (TORA)	Research-Other	National Science Foundation	Federal	Co-PI	1/1/2024	3	48.50%	33	\$6,600	JIT Response Required
		Totals for	<b>Shepler, Anne</b>							<b>\$6,600</b>	
<b>Urbanski, Mariusz</b>											
GFP0001082 New	Thermodynamic Formalism, Dynamics, Measures, and Dimensions	Research-Basic	National Science Foundation	Federal	PI	6/1/2024	3	48.50%	100	\$388,153	Pending Sponsor Review
		Totals for	<b>Urbanski, Mariusz</b>							<b>\$388,153</b>	
		Totals for	<b>Mathematics</b>							<b>\$1,150,862</b>	
<b>Physics</b>											
<b>Cui, Jingbiao</b>											
<i>Cui, J., CoPI; Neu, J., PI; Philipose, U., CoPI; Xiao, Y., CoPI; Lin, Y., CoPI; Physics; Lin, Y., CoPI; Electrical Engineering; Zhang, Z., CoPI; Choi, T., CoPI; Mechanical Engineering; Kelber, J., CoPI; Chemistry</i>											
GFP0001080 New	Conductive-Probe-AFM combined with Terahertz Scattering Near-Field Microscope (c-AFM+THz-SNOM)	Research-Basic	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	10	\$76,498	Pending Sponsor Review
		Totals for	<b>Cui, Jingbiao</b>							<b>\$76,498</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Grigolini, Paolo</b>											
<i>Grigolini,P.,PI; Rostovtsev,Y.,CoPI; Physics; Shulaev,V.,CoPI; Hunt Von Herbing,I.,CoPI; Biological Sciences</i>											
GFP0001085 New	DMS/NIGMS 1: Using Criticality and Biophoton Emission as a Novel Biomedical Perspective for Health	Research-Basic	National Science Foundation	Federal	PI	6/3/2024	3	48.50%	25	\$149,950	Pending Sponsor Review
Totals for										<b>Grigolini, Paolo</b>	<b>\$149,950</b>
<b>Lin, Yuankun</b>											
<i>Lin,Y.,CoPI; Xiao,Y.,PI; Neu,J.,CoPI; Physics; Ecker,M.,CoPI; Biomedical Engineering; Lin,Y.,CoPI; Electrical Engineering; Kelber,J.,CoPI; Chemistry</i>											
GFP0001046 New	Understanding infrared materials with optical ellipsometry	Research-Applied	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	7.5	\$19,313	Pending Sponsor Review
<i>Lin,Y.,CoPI; Neu,J.,PI; Philipose,U.,CoPI; Cui,J.,CoPI; Xiao,Y.,CoPI; Physics; Lin,Y.,CoPI; Electrical Engineering; Zhang,Z.,CoPI; Choi,T.,CoPI; Mechanical Engineering; Kelber,J.,CoPI; Chemistry</i>											
GFP0001080 New	Conductive-Probe-AFM combined with Terahertz Scattering Near-Field Microscope (c-AFM+THz-SNOM)	Research-Basic	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	7.5	\$57,374	Pending Sponsor Review
Totals for										<b>Lin, Yuankun</b>	<b>\$76,686</b>
<b>Neu, Jens</b>											
<i>Neu,J.,CoPI; Xiao,Y.,PI; Lin,Y.,CoPI; Physics; Ecker,M.,CoPI; Biomedical Engineering; Lin,Y.,CoPI; Electrical Engineering; Kelber,J.,CoPI; Chemistry</i>											
GFP0001046 New	Understanding infrared materials with optical ellipsometry	Research-Applied	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	10	\$25,750	Pending Sponsor Review
<i>Neu,J.,PI; Philipose,U.,CoPI; Cui,J.,CoPI; Xiao,Y.,CoPI; Lin,Y.,CoPI; Physics; Lin,Y.,CoPI; Electrical Engineering; Zhang,Z.,CoPI; Choi,T.,CoPI; Mechanical Engineering; Kelber,J.,CoPI; Chemistry</i>											
GFP0001080 New	Conductive-Probe-AFM combined with Terahertz Scattering Near-Field Microscope (c-AFM+THz-SNOM)	Research-Basic	U.S. Department of Defense	Federal	PI	6/1/2024	1	48.50%	30	\$229,494	Pending Sponsor Review
Totals for										<b>Neu, Jens</b>	<b>\$255,244</b>



File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Philipose, Usha</b>											
<i>Philipose,U.,CoPI; Neu,J.,PI; Cui,J.,CoPI; Xiao,Y.,CoPI; Lin,Y.,CoPI; Physics; Lin,Y.,CoPI; Electrical Engineering; Zhang,Z.,CoPI; Choi,T.,CoPI; Mechanical Engineering; Kelber,J.,CoPI; Chemistry</i>											
GFP0001080 New	Conductive-Probe-AFM combined with Terahertz Scattering Near-Field Microscope (c-AFM+THz-SNOM)	Research-Basic	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	10	\$76,498	Pending Sponsor Review
		Totals for	<b>Philipose, Usha</b>							<b>\$76,498</b>	
<b>Rostovtsev, Yuri</b>											
<i>Rostovtsev,Y.,CoPI; Grigolini,P.,PI; Physics; Shulaev,V.,CoPI; Hunt Von Herbing,I.,CoPI; Biological Sciences</i>											
GFP0001085 New	DMS/NIGMS 1: Using Criticality and Biophoton Emission as a Novel Biomedical Perspective for Health	Research-Basic	National Science Foundation	Federal	Co-PI	6/3/2024	3	48.50%	25	\$149,950	Pending Sponsor Review
		Totals for	<b>Rostovtsev, Yuri</b>							<b>\$149,950</b>	
<b>Xiao, Yuzhe</b>											
<i>Xiao,Y.,PI; Neu,J.,CoPI; Lin,Y.,CoPI; Physics; Ecker,M.,CoPI; Biomedical Engineering; Lin,Y.,CoPI; Electrical Engineering; Kelber,J.,CoPI; Chemistry</i>											
GFP0001046 New	Understanding infrared materials with optical ellipsometry	Research-Applied	U.S. Department of Defense	Federal	PI	6/1/2024	1	48.50%	60	\$154,500	Pending Sponsor Review
<i>Xiao,Y.,CoPI; Neu,J.,PI; Philipose,U.,CoPI; Cui,J.,CoPI; Lin,Y.,CoPI; Physics; Lin,Y.,CoPI; Electrical Engineering; Zhang,Z.,CoPI; Choi,T.,CoPI; Mechanical Engineering; Kelber,J.,CoPI; Chemistry</i>											
GFP0001080 New	Conductive-Probe-AFM combined with Terahertz Scattering Near-Field Microscope (c-AFM+THz-SNOM)	Research-Basic	U.S. Department of Defense	Federal	Co-PI	6/1/2024	1	48.50%	10	\$76,498	Pending Sponsor Review
		Totals for	<b>Xiao, Yuzhe</b>							<b>\$230,998</b>	
		Totals for	<b>Physics</b>							<b>\$1,015,824</b>	
		Totals for	<b>College of Science</b>							<b>\$15,800,369</b>	
<b>Div of Student Affairs</b>											
<b>Student Affairs-Gen</b>											
<b>McGuire, Melissa</b>											
GFP0001165 New	Texas Leadership Scholars Program	Other	Texas Higher Education Coordinating Boar	Federal Flow-through	PI	1/1/2023	0.7	0.00%	100	\$101,555	Awarded

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	McGuire, Melissa							\$101,555	
		Totals for	Student Affairs-Gen							\$101,555	
		Totals for	Div of Student Affairs							\$101,555	

**Research & Innovation**

**Research Computing Services**

**Herrington, Richard**

*Herrington,R.,CoPI; Research Computing Services; Roberts,A.,PI; Dzialowski,E.,CoPI; Lund,A.,CoPI; Azad,R.,CoPI; Biological Sciences; Cosgrove,S.,CoPI; Technical Communication; Ma,S.,CoPI; Omary,M.,CoPI; Chemistry*

GFP0000842 New	Toxic Exposures Affecting Community Health: TEACH Center for the study of methylmercury in urban aquatic systems	Research-Basic	National Institutes of Health	Federal	Co-PI	2/1/2025	5	48.50%	11.11	\$1,607,977	Pending Sponsor Review
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	Totals for	Herrington, Richard								\$1,607,977	
	Totals for	Research Computing Services								\$1,607,977	
	Totals for	Research & Innovation								\$1,607,977	

**Ryan College of Business**

**Info Tech & Decision Sci**

**Kim, Dan Jong**

GFP0001042 New	Exploring the Relative Risk Severity of Phishing Techniques on Individual Phishing Susceptibility: A Mixed Approach	Research-Basic	Oak Ridge Institute for Science and Educ	Federal Flow-through	PI	3/1/2024	1	15.00%	100	\$99,820	Pending Sponsor Review
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	Totals for	Kim, Dan Jong								\$99,820	
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**Pravin, Dipakkumar**

GFP0001040 New	Exploiting machine learning for cybersecurity tasks to talent mapping and exploring credentialing ecosystem.	Research-Basic	Oak Ridge Institute for Science and Educ	Federal Flow-through	PI	3/1/2024	1	15.00%	100	\$99,979	Pending Sponsor Review
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	Totals for	Pravin, Dipakkumar								\$99,979	
	Totals for	Info Tech & Decision Sci								\$199,799	

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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**Logistics & Operations Mgmt**

**Niranjan, Suman**

GFP0001178 New	Osteoarthritis, pain, cognitive decline, and dementia. A cross national comparison of harmonized cognitive assessment protocol data	Research-Applied	University of North Texas Health Science	Federal Flow-through	PI	8/1/2024	3	48.50%	100	\$97,269	Pending Sponsor Review
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GFP0001187 New	Social Determinants of Health and Microbiomes in Disparities in Breast Cancer and Diabetes in Black Belt of Alabama	Research-Applied	Alabama State University	Federal Flow-through	PI	8/1/2024	5	48.50%	100	\$160,104	Pending Sponsor Review
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Totals for	<b>Niranjan, Suman</b>										<b>\$257,373</b>
Totals for	<b>Logistics &amp; Operations Mgmt</b>										<b>\$257,373</b>
Totals for	<b>Ryan College of Business</b>										<b>\$457,172</b>

**Toulouse Grad School**

**Toulouse Grad Sch-Dean's Off**

**Oppong, Joseph**

GFP0001170 New	Landscape genetics of an almost lekking species, the wild turkey (Meleagris gallopavo) on the Edwards Plateau in Texas	Research-Applied	National Science Foundation	Federal	PI	9/1/2023	5	0.00%	100	\$49,000	Awarded
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Totals for	<b>Oppong, Joseph</b>										<b>\$49,000</b>
Totals for	<b>Toulouse Grad Sch-Dean's Off</b>										<b>\$49,000</b>
Totals for	<b>Toulouse Grad School</b>										<b>\$49,000</b>
Totals for	<b>UNT</b>										<b>\$35,567,950</b>
Totals for	<b>September FY2024:</b>										<b>\$35,567,950</b>