

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

Proposals Total by College	April 2023	April 2024	YTD FY2023	YTD FY2024
College of Education	\$ 596,410	\$ 651,634	\$ 14,799,948	\$ 9,591,244
College of Engineering	\$ 37,486,442	\$ 7,484,582	\$ 99,661,949	\$ 95,424,066
College of Health & Public Service	\$ 62,180	\$ 1,752,744	\$ 7,363,652	\$ 13,226,278
College of Information	\$ 1,337,401	\$ 2,448,339	\$ 13,242,361	\$ 13,501,386
College of Liberal Arts & Social Sciences ³	\$ 299,673	\$ 527,802	\$ 8,357,197	\$ 14,956,238
College of Merchandising Hospitality and Tourism	\$ 10,500	\$ -	\$ 4,386,665	\$ 573,863
College of Science	\$ 5,861,068	\$ 11,446,851	\$ 48,528,812	\$ 78,928,598
College of Visual Arts and Design	\$ -	\$ -	\$ 229,994	\$ 404,471
College of Applied and Collaborative Studies	\$ -	\$ 699,549	\$ -	\$ 699,549
College of Music	\$ -	\$ -	\$ 23,498	\$ 152,067
Ryan College of Business	\$ 101,048	\$ 199,298	\$ 2,628,681	\$ 4,339,794
Other ¹	\$ 52,569	\$ 536,167	\$ 2,850,452	\$ 2,605,460
Grand Total:	\$ 45,807,290	\$ 25,746,966	\$ 202,073,208	\$ 234,403,015

Proposals Total by Category

Instruction	\$ -	\$ -	\$ 14,708,928	\$ 1,450,986
Public Service	\$ 62,180	\$ -	\$ 2,429,612	\$ 62,909
Research (Applied, Basic, Development)	\$ 45,672,038	\$ 25,182,799	\$ 181,236,832	\$ 231,216,346
Other ²	\$ 73,072	\$ 564,167	\$ 3,697,836	\$ 1,672,774
Grand Total:	\$ 45,807,290	\$ 25,746,966	\$ 202,073,208	\$ 234,403,015

Proposals Total by Source of Funding

Federal	\$ 44,133,946	\$ 17,969,832	\$ 181,653,324	\$ 201,509,854
Private	\$ 961,306	\$ 7,240,967	\$ 19,006,934	\$ 24,122,842
State	\$ 712,038	\$ 536,167	\$ 1,412,950	\$ 8,770,319
Grand Total:	\$ 45,807,290	\$ 25,746,966	\$ 202,073,208	\$ 234,403,015

Notes:

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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, April FY2024

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>UNT</i>											
<i>Col of Applied&Collab Studies</i>											
<i>Multidisciplinary Innovation</i>											
Grohman, Magdalena											
<i>Grohman,M.,PI; Scott-Bracey,P.,CoPI; Multidisciplinary Innovation</i>											
GFP0001464 New	Self-Regulated Learning through Organic Scaffolding	Research-Basic	U.S. Department of Defense	Federal	PI	9/1/2024	3	48.50%	50	\$349,775	Pending Sponsor Review
			Totals for	Grohman, Magdalena						\$349,775	
Scott-Bracey, Pamela											
<i>Scott-Bracey,P.,CoPI; Grohman,M.,PI; Multidisciplinary Innovation</i>											
GFP0001464 New	Self-Regulated Learning through Organic Scaffolding	Research-Basic	U.S. Department of Defense	Federal	Co-PI	9/1/2024	3	48.50%	50	\$349,775	Pending Sponsor Review
			Totals for	Scott-Bracey, Pamela						\$349,775	
			Totals for	Multidisciplinary Innovation						\$699,549	
			Totals for	Col of Applied&Collab Studies						\$699,549	
<i>College of Education</i>											
<i>Educational Psychology</i>											
Acar, Selcuk											
GFP0001442 New	The READI AI Institute: AI Institute for Research and Education based on Artificial Intelligence Diligence	Research-Applied	Drexel University	Federal Flow-through	PI	6/1/2025	5	48.50%	100	\$495,177	Pending Sponsor Review
GFP0001613 New	Adaptation and Validation of the Measure of Original Thinking for Elementary School (MOTES) in Spanish	Research-Basic	Spencer Foundation	Foundation/Not For Profit	PI	1/1/2025	2	0.00%	100	\$49,725	Pending Sponsor Review
			Totals for	Acar, Selcuk						\$544,902	
			Totals for	Educational Psychology						\$544,902	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Kinesiology, Hlth Promo, & Rec</i>											
Martin, Scott											
GFP0001563 New	Collegiate Athletes' Interest in Seeking Help from Various Sport Professionals	Research-Basic	National Collegiate Athletic Association	Foundation/Not For Profit	PI	5/1/2024	1.2	0.00%	100	\$7,114	Pending Sponsor Review
		Totals for	Martin, Scott							\$7,114	
		Totals for	Kinesiology, Hlth Promo, & Rec							\$7,114	
<i>Teacher Education & Admin</i>											
Long, Christopher											
<i>Long,C.,CoPI; Teacher Education & Admin; Eutsler,L.,PI; Yu,J.,CoPI; Learning Technologies; Feng,Y.,CoPI; Computer Science & Engineering; Ding,J.,CoPI; Information Science</i>											
GFP0001453 New	IGE: Track 2: ETHIC Framework for AI: Empowering Teaching, Harnessing Innovative Computing	Research-Basic	National Science Foundation	Federal	Co-PI	1/1/2025	3	48.50%	10	\$99,618	Pending Sponsor Review
		Totals for	Long, Christopher							\$99,618	
		Totals for	Teacher Education & Admin							\$99,618	
		Totals for	College of Education							\$651,634	
<i>College of Engineering</i>											
<i>Biomedical Engineering</i>											
Yang, Huaxiao											
GFP0001532 New	NSF-DBT: Genetic and Metabolic Regulations of Systemic Ectopic Calcification with ABCC6 Gene Deficiency	Research-Basic	National Science Foundation	Federal	PI	11/1/2024	3	48.50%	100	\$457,228	Pending Sponsor Review
GFP0001565 New	Chamber formation in hPSC-derived cardiac organoid for disease modeling of single ventricular defect	Research-Basic	Alternatives Research & Development Foun	Foundation/Not For Profit	PI	8/1/2024	1	0.00%	100	\$40,000	Pending Sponsor Review
		Totals for	Yang, Huaxiao							\$497,228	
		Totals for	Biomedical Engineering							\$497,228	

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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Computer Science & Engineering

Dantu, Ramanamurthy

Dantu,R.,CoPI; Tunc,C.,PI; Do,H.,CoPI; Computer Science & Engineering

GFP0001590 New	Bridging the STEM Gap: Pathway to Accelerate STEM Education, Motivation, and Innovation	Research-Basic	Air Force Office of Scientific Research	Federal	Co-PI	9/1/2024	3	48.50%	33.33	\$149,985	Pending Sponsor Review
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Totals for **Dantu, Ramanamurthy** **\$149,985**

Do, Hyunsook

Do,H.,CoPI; Tunc,C.,PI; Dantu,R.,CoPI; Computer Science & Engineering

GFP0001590 New	Bridging the STEM Gap: Pathway to Accelerate STEM Education, Motivation, and Innovation	Research-Basic	Air Force Office of Scientific Research	Federal	Co-PI	9/1/2024	3	48.50%	33.33	\$149,985	Pending Sponsor Review
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Totals for **Do, Hyunsook** **\$149,985**

Feng, Yunhe

Feng,Y.,CoPI; Computer Science & Engineering; Eutsler,L.,PI; Yu,J.,CoPI; Learning Technologies; Ding,J.,CoPI; Information Science; Long,C.,CoPI; Teacher Education & Admin

GFP0001453 New	IGE: Track 2: ETHIC Framework for AI: Empowering Teaching, Harnessing Innovative Computing	Research-Basic	National Science Foundation	Federal	Co-PI	1/1/2025	3	48.50%	15	\$149,427	Pending Sponsor Review
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Totals for **Feng, Yunhe** **\$149,427**

Mohanty, Saraju

Mohanty,S.,CoPI; Computer Science & Engineering; Mpfou,E.,PI; Prybutok,G.,CoPI; Rehabilitation and Health Serv; Yeatts,D.,CoPI; Sociology; Ala'i-Rosales,S.,CoPI; Behavior Analysis

GFP0001549 New	“One Size Does Not Fit All”: Inclusive Health and Functioning Aging with Autism Spectrum Disorder (IHEFAS)	Research-Applied	U.S. Department of Health and Human Serv	Federal	Co-PI	9/1/2024	5	48.50%	20	\$498,013	Pending Sponsor Review
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Totals for **Mohanty, Saraju** **\$498,013**

Tarau, Paul

Tarau,P.,CoPI; Computer Science & Engineering; An,Y.,PI; Johnson,K.,CoPI; Yu,J.,CoPI; Learning Technologies

GFP0001536 New	AI Institute for Combining Machine Learning and Automated Reasoning Technologies	Research-Development	University of Texas at Dallas	Federal Flow-through	Co-PI	6/1/2025	5	48.50%	25	\$508,736	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	Tarau, Paul							\$508,736	
Tunc, Cihan											
<i>Tunc,C.,PI; Do,H.,CoPI; Dantu,R.,CoPI; Computer Science & Engineering</i>											
GFP0001590 New	Bridging the STEM Gap: Pathway to Accelerate STEM Education, Motivation, and Innovation	Research-Basic	Air Force Office of Scientific Research	Federal	PI	9/1/2024	3	48.50%	33.34	\$150,030	Pending Sponsor Review
		Totals for	Tunc, Cihan							\$150,030	
Yuan, Jing											
GFP0001544 New	ReDDDoT Phase 2: Advancing Community-Driven Environmental Sustainability and Disaster Resilience: Development of A Fair Covariation-Mining Based System Dynamics Approach	Research-Basic	Montclair State University	Federal Flow-through	PI	1/1/2025	3	48.50%	100	\$293,638	Pending Sponsor Review
		Totals for	Yuan, Jing							\$293,638	
		Totals for	Computer Science & Engineering							\$1,899,815	
Electrical Engineering											
An, Sensong											
GFP0001580 New	Collaborative Research: GCR: Enhancing Crop Water Stress Monitoring in Sustainable Agriculture through Integrated Photonics and Microwave Sensing on UAV Systems	Research-Basic	National Science Foundation	Federal	PI	12/1/2024	5	48.50%	100	\$1,200,000	Pending Sponsor Review
		Totals for	An, Sensong							\$1,200,000	
Kim, Jungkwun											
GGFP00046 Revision	Collaborative Research: Microneedle-mediated Adaptive Phototherapy (MAP) for Wound Healing	Research-Applied	University of South Florida	Federal Flow-through	PI	7/1/2024	0.5	48.50%	100	\$50,000	Pending Sponsor Review
		Totals for	Kim, Jungkwun							\$50,000	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
			Totals for	Electrical Engineering							\$1,250,000	
Materials Science & Engineer												
Agrawal, Priyanka												
<i>Agrawal,P.,CoPI; Materials Science & Engineer; Haridas,R.,PI; Mechanical Engineering</i>												
GFP0001627 New	Mechanical and Microstructural characterization of alloys	Research-Basic	Optimus Alloys LLC	Industry/For Profit	Co-PI	4/22/2024	1	48.50%	50	\$10,000	Pending Sponsor Review	
			Totals for	Agrawal, Priyanka							\$10,000	
Banerjee, Rajarshi												
<i>Banerjee,R.,CoPI; Dahotre,N.,CoPI; Materials Science & Engineer; Siller Carrillo,H.,PI; Mechanical Engineering; Rout,B.,CoPI; Physics</i>												
GFP0001546 New	Understanding strain-rate effects in additively manufactured irradiated materials toward the implementation of high-throughput small-scale mechanical testing techniques	Research-Basic	Nuclear Regulatory Commission	Federal	Co-PI	10/1/2024	3	48.50%	20	\$100,000	Pending Sponsor Review	
			Totals for	Banerjee, Rajarshi							\$100,000	
Dahotre, Narendra												
<i>Dahotre,N.,CoPI; Banerjee,R.,CoPI; Materials Science & Engineer; Siller Carrillo,H.,PI; Mechanical Engineering; Rout,B.,CoPI; Physics</i>												
GFP0001546 New	Understanding strain-rate effects in additively manufactured irradiated materials toward the implementation of high-throughput small-scale mechanical testing techniques	Research-Basic	Nuclear Regulatory Commission	Federal	Co-PI	10/1/2024	3	48.50%	10	\$50,000	Pending Sponsor Review	
			Totals for	Dahotre, Narendra							\$50,000	
Du, Jincheng												
GGFP00078 Revision	UNT-AGC project on simulations of phosphate glasses and their interaction with water	Research-Basic	AGC, Inc.	Industry/For Profit	PI	5/15/2024	1	48.50%	100	\$55,000	Pending Sponsor Review	
			Totals for	Du, Jincheng							\$55,000	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Joshi, Sameehan											
GFP0001578 New	Physics Guided Additive Manufacturing of Functionally Graded Fusion Device Materials	Research-Basic	U.S. Department of Energy	Federal	PI	10/1/2024	5	48.50%	100	\$875,000	Pending Sponsor Review
		Totals for	Joshi, Sameehan							\$875,000	
Zheng, Yufeng											
GFP0001577 New	Understanding Defects and Deformation Behavior in Body-centered Cubic Complex Concentrated Alloys	Research-Basic	U.S. Department of Energy	Federal	PI	1/1/2025	5	48.50%	100	\$875,000	Pending Sponsor Review
GFP0001616 New	Collaborative Research: Manufacturing of Low-cost Titanium Alloys by Tuning Highlyindexed Deformation Twinning	Research-Basic	University of Nevada, Reno	Federal Flow-through	PI	5/1/2024	1.3	48.50%	100	\$124,596	Pending Sponsor Review
		Totals for	Zheng, Yufeng							\$999,596	
		Totals for	Materials Science & Engineer							\$2,089,596	
<i>Mechanical Engineering</i>											
Choi, Tae-Youl											
GFP0001599 New	Development of time-resolved Raman spectroscopy for biological and chemical materials	Research-Applied	Nanoscope Systems	Other (Non-TX State) Govt Flow-through	PI	7/1/2024	3	17.00%	100	\$444,641	Pending Sponsor Review
		Totals for	Choi, Tae-Youl							\$444,641	
Haridas, Ravi Sankar											
GFP0001601 New	FMSG: Eco: Manufacturing of Interfacially Engineered Multifunctional Materials	Research-Basic	North Carolina State University	Federal Flow-through	PI	9/15/2024	2	48.50%	100	\$90,000	Pending Sponsor Review

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Haridas,R.,PI; Mechanical Engineering; Agrawal,P.,CoPI; Materials Science & Engineer</i>											
GFP0001627 New	Mechanical and Microstructural characterization of alloys	Research-Basic	Optimus Alloys LLC	Industry/For Profit	PI	4/22/2024	1	48.50%	50	\$10,000	Pending Sponsor Review
Totals for			Haridas, Ravi Sankar							\$100,000	
Siller Carrillo, Hector											
<i>Siller Carrillo,H.,PI; Mechanical Engineering; Banerjee,R.,CoPI; Dahotre,N.,CoPI; Materials Science & Engineer; Rout,B.,CoPI; Physics</i>											
GFP0001546 New	Understanding strain-rate effects in additively manufactured irradiated materials toward the implementation of high-throughput small-scale mechanical testing techniques	Research-Basic	Nuclear Regulatory Commission	Federal	PI	10/1/2024	3	48.50%	35	\$175,000	Pending Sponsor Review
Totals for			Siller Carrillo, Hector							\$175,000	
Xiao, Xinyi											
GFP0001566 New	Transformative Product Realization for Improving Multi-cycle Sustainment	Research-Basic	U.S. Department of Defense	Federal	PI	10/1/2024	3	48.50%	100	\$749,999	Pending Sponsor Review
GFP0001582 New	Enhancing Collaborative Performance in Human-Robot Interaction through Synchronized Data Sharing between Operator 5.0 and Robotic Additive Systems	Research-Basic	National Aeronautics & Space Administrat	Federal	PI	5/31/2024	0.6	0.00%	100	\$50,000	Pending Sponsor Review
Totals for			Xiao, Xinyi							\$799,999	
Yalamanchili, Rattaya											
GFP0001640 New	The Hate Crime Prevention Model: A Proactive Approach	Research-Applied	Technosafe, LLC.	Federal Flow-through	PI	1/1/2025	1	48.50%	100	\$225,717	Pending Sponsor Review
Totals for			Yalamanchili, Rattaya							\$225,717	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
Yu, Cheng												
GFP0001605 New	Shear Strength of Screw Connections in Special Shear Transfer Detail	Research-Applied	Ectek International Inc.	Industry/For Profit	PI	5/1/2024	0.2	48.50%	100	\$2,587	Pending Sponsor Review	
		Totals for	Yu, Cheng							\$2,587		
		Totals for	Mechanical Engineering							\$1,747,944		
		Totals for	College of Engineering							\$7,484,582		

College of Health & Public Service

Audiology & Speech - Lang Path

Gopal, Kamakshi

Gopal,K.,CoPI; Lee,D.,PI; Schafer,E.,CoPI; Audiology & Speech - Lang Path

GFP0001541 New	An Evaluation of the Influence of the Medial Olivocochlear Reflex on Individual Noise Tolerances and Preferred Listening Levels	Research-Basic	American Speech-Language-Hearing Foundat	Foundation/Not For Profit	Co-PI	12/1/2024	1.5	0.00%	15	\$3,750	Pending Sponsor Review	
		Totals for	Gopal, Kamakshi							\$3,750		

Hashemi Hosseinabad, Hedieh

GFP0001611 New	Investigating the Interplay of Tongue Positioning and Nasalization in Speakers of Texas Dialect	Research-Applied	American Speech-Language-Hearing Associa	Foundation/Not For Profit	PI	8/12/2024	1.3	0.00%	100	\$12,230	Pending Sponsor Review	
		Totals for	Hashemi Hosseinabad, Hedieh							\$12,230		

Lee, Donguk

Lee,D.,PI; Gopal,K.,CoPI; Schafer,E.,CoPI; Audiology & Speech - Lang Path

GFP0001541 New	An Evaluation of the Influence of the Medial Olivocochlear Reflex on Individual Noise Tolerances and Preferred Listening Levels	Research-Basic	American Speech-Language-Hearing Foundat	Foundation/Not For Profit	PI	12/1/2024	1.5	0.00%	70	\$17,500	Pending Sponsor Review	
		Totals for	Lee, Donguk							\$17,500		

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Schafer, Erin											
<i>Schafer,E.,CoPI; Lee,D.,PI; Gopal,K.,CoPI; Audiology & Speech - Lang Path</i>											
GFP0001541 New	An Evaluation of the Influence of the Medial Olivocochlear Reflex on Individual Noise Tolerances and Preferred Listening Levels	Research-Basic	American Speech-Language-Hearing Foundat	Foundation/Not For Profit	Co-PI	12/1/2024	1.5	0.00%	15	\$3,750	Pending Sponsor Review
		Totals for	Schafer, Erin							\$3,750	
		Totals for	Audiology & Speech - Lang Path							\$37,230	
Behavior Analysis											
<i>Ala'i-Rosales,S.,CoPI; Behavior Analysis; Mpofu,E.,PI; Prybutok,G.,CoPI; Rehabilitation and Health Serv; Yeatts,D.,CoPI; Sociology; Mohanty,S.,CoPI; Computer Science & Engineering</i>											
GFP0001549 New	“One Size Does Not Fit All”: Inclusive Health and Functioning Aging with Autism Spectrum Disorder (IHEFAS)	Research-Applied	U.S. Department of Health and Human Serv		Co-PI	9/1/2024	5	48.50%	10	\$249,007	Pending Sponsor Review
		Totals for	Ala'i-Rosales, Shahla							\$249,007	
		Totals for	Behavior Analysis							\$249,007	
Public Admin											
Andrew, Simon											
GFP0001641 New	Examination of 9-1-1 Funding and Public Perception in Texas	Other	Texas 9-1-1 Alliance	Foundation/Not For Profit	PI	5/6/2024	0.3	31.50%	100	\$28,000	Pending Sponsor Review
		Totals for	Andrew, Simon							\$28,000	
Fischer, Lauren											
GFP0001483 New	Center of Excellence for Stormwater Control Infrastructure Technologies	Research-Basic	Texas A&M AgriLife Extension Service	Federal Flow-through	PI	9/1/2024	2	48.50%	100	\$193,474	Pending Sponsor Review
		Totals for	Fischer, Lauren							\$193,474	
		Totals for	Public Admin							\$221,474	

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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Rehabilitation and Health Serv

Mpofu, Elias

Mpofu,E.,PI; Prybutok,G.,CoPI; Rehabilitation and Health Serv; Yeatts,D.,CoPI; Sociology; Ala'i-Rosales,S.,CoPI; Behavior Analysis; Mohanty,S.,CoPI; Computer Science & Engineering

GFP0001549 New	“One Size Does Not Fit All”: Inclusive Health and Functioning Aging with Autism Spectrum Disorder (IHEFAS)	Research-Applied	U.S. Department of Health and Human Serv	Federal	PI	9/1/2024	5	48.50%	30	\$747,020	Pending Sponsor Review
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Totals for **Mpofu, Elias** **\$747,020**

Prybutok, Gayle

Prybutok,G.,CoPI; Mpofu,E.,PI; Rehabilitation and Health Serv; Yeatts,D.,CoPI; Sociology; Ala'i-Rosales,S.,CoPI; Behavior Analysis; Mohanty,S.,CoPI; Computer Science & Engineering

GFP0001549 New	“One Size Does Not Fit All”: Inclusive Health and Functioning Aging with Autism Spectrum Disorder (IHEFAS)	Research-Applied	U.S. Department of Health and Human Serv	Federal	Co-PI	9/1/2024	5	48.50%	20	\$498,013	Pending Sponsor Review
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Totals for **Prybutok, Gayle** **\$498,013**

Totals for **Rehabilitation and Health Serv** **\$1,245,034**

Totals for **College of Health & Public Service** **\$1,752,744**

College of Information

Information Science

Ding, Junhua

Ding,J.,CoPI; Information Science; Eutsler,L.,PI; Yu,J.,CoPI; Learning Technologies; Feng,Y.,CoPI; Computer Science & Engineering; Long,C.,CoPI; Teacher Education & Admin

GFP0001453 New	IGE: Track 2: ETHIC Framework for AI: Empowering Teaching, Harnessing Innovative Computing	Research-Basic	National Science Foundation	Federal	Co-PI	1/1/2025	3	48.50%	15	\$149,427	Pending Sponsor Review
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Totals for **Ding, Junhua** **\$149,427**

Sha, Kewei

GFP0001475 New	Collaborative Research: CISE MSI: RDP: SHF: Automated Hardware-Software Co-Design for Accelerated Federated Learning on Edge	Research-Basic	National Science Foundation	Federal	PI	1/1/2025	3	48.50%	100	\$174,995	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	Sha, Kewei						\$174,995	
			Totals for	Information Science						\$324,422	

Learning Technologies

An, Yunjo

An, Y., PI; Johnson, K., CoPI; Yu, J., CoPI; Learning Technologies; Tarau, P., CoPI; Computer Science & Engineering

GFP0001536 New	AI Institute for Combining Machine Learning and Automated Reasoning Technologies	Research-Development	University of Texas at Dallas	Federal Flow-through	PI	6/1/2025	5	48.50%	25	\$508,736	Pending Sponsor Review
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Totals for **An, Yunjo** \$508,736

Eutsler, Lauren

Eutsler, L., PI; Yu, J., CoPI; Learning Technologies; Feng, Y., CoPI; Computer Science & Engineering; Ding, J., CoPI; Information Science; Long, C., CoPI; Teacher Education & Admin

GFP0001453 New	IGE: Track 2: ETHIC Framework for AI: Empowering Teaching, Harnessing Innovative Computing	Research-Basic	National Science Foundation	Federal	PI	1/1/2025	3	48.50%	50	\$498,091	Pending Sponsor Review
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Totals for **Eutsler, Lauren** \$498,091

Johnson, Karen

Johnson, K., CoPI; An, Y., PI; Yu, J., CoPI; Learning Technologies; Tarau, P., CoPI; Computer Science & Engineering

GFP0001536 New	AI Institute for Combining Machine Learning and Automated Reasoning Technologies	Research-Development	University of Texas at Dallas	Federal Flow-through	Co-PI	6/1/2025	5	48.50%	25	\$508,736	Pending Sponsor Review
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Totals for **Johnson, Karen** \$508,736

Yu, Ji Hyun

Yu, J., CoPI; Eutsler, L., PI; Learning Technologies; Feng, Y., CoPI; Computer Science & Engineering; Ding, J., CoPI; Information Science; Long, C., CoPI; Teacher Education & Admin

GFP0001453 New	IGE: Track 2: ETHIC Framework for AI: Empowering Teaching, Harnessing Innovative Computing	Research-Basic	National Science Foundation	Federal	Co-PI	1/1/2025	3	48.50%	10	\$99,618	Pending Sponsor Review
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Yu, J., CoPI; An, Y., PI; Johnson, K., CoPI; Learning Technologies; Tarau, P., CoPI; Computer Science & Engineering

GFP0001536 New	AI Institute for Combining Machine Learning and Automated Reasoning Technologies	Research-Development	University of Texas at Dallas	Federal Flow-through	Co-PI	6/1/2025	5	48.50%	25	\$508,736	Pending Sponsor Review
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Totals for **Yu, Ji Hyun** \$608,354

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	Learning Technologies							\$2,123,917	
		Totals for	College of Information							\$2,448,339	

College of Liberal Arts & Social Sciences
Geography

Hudak, Paul

Hudak,P.,CoPI; Geography; Baxter-Slye,J.,PI; Biological Sciences

GFP0001621 New	City of Corinth Blue-green Infrastructure at Community Park	Research-Applied	City of Corinth	Local	Co-PI	6/1/2024	1	48.50%	50	\$15,000	Pending Sponsor Review
		Totals for	Hudak, Paul							\$15,000	
		Totals for	Geography							\$15,000	

Psychology

Petrie, Trent

GFP0001598 New	Bodies in Motion: Improving Body Image and Psychological Well-Being Among AAC Men and Women Athletes	Research-Applied	American Athletic Conference	Foundation/Not For Profit	PI	6/1/2024	1	0.00%	100	\$14,789	Pending Sponsor Review
		Totals for	Petrie, Trent							\$14,789	
		Totals for	Psychology							\$14,789	

Sociology

Yeatts, Dale

Yeatts,D.,CoPI; Sociology; Mpofo,E.,PI; Prybutok,G.,CoPI; Rehabilitation and Health Serv; Ala'i-Rosales,S.,CoPI; Behavior Analysis; Mohanty,S.,CoPI; Computer Science & Engineering

GFP0001549 New	"One Size Does Not Fit All": Inclusive Health and Functioning Aging with Autism Spectrum Disorder (IHEFAS)	Research-Applied	U.S. Department of Health and Human Serv		Co-PI	9/1/2024	5	48.50%	20	\$498,013	Pending Sponsor Review
		Totals for	Yeatts, Dale							\$498,013	
		Totals for	Sociology							\$498,013	
		Totals for	College of Liberal Arts & Social Sciences							\$527,802	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
College of Science											
Biological Sciences											
Baxter-Slye, Jaime											
<i>Baxter-Slye,J.,PI; Biological Sciences; Hudak,P.,CoPI; Geography</i>											
GFP0001621 New	City of Corinth Blue-green Infrastructure at Community Park	Research-Applied	City of Corinth	Local	PI	6/1/2024	1	48.50%	50	\$15,000	Pending Sponsor Review
		Totals for	Baxter-Slye, Jaime							\$15,000	
Bednarz, James											
GFP0001592 New	Raptor risk analysis of wind energy development in the Lower Rio Grande Valley, Texas: movement and behavioral responses of Harris's Hawks to wind turbines	Research-Applied	U.S. Fish and Wildlife Service	Federal	PI	10/1/2024	3	26.00%	100	\$38,899	Pending Sponsor Review
		Totals for	Bednarz, James							\$38,899	
D'andrilli, Juliana											
GFP0001482 New	Collaborative Research: LTREB Renewal - River ecosystem responses to floodplain restoration	Research-Basic	National Science Foundation	Federal	PI	1/16/2024	4.7	48.50%	100	\$143,000	Awarded
GFP0001497 New	Energy Generation by Dissolved Organic Matter Fueled Microbial Communities	Research-Development	Michigan Technological University	Federal Flow-through	PI	10/1/2024	2.5	48.50%	100	\$518,091	Pending Sponsor Review
		Totals for	D'andrilli, Juliana							\$661,091	
Gregory, Andrew											
GFP0001602 New	Collaborative Research: A Convergent Approach to Conserve Purple Martins through Climate Adaptation, Invasive Species Management, and Resilient Ecosystems	Research-Applied	National Science Foundation	Federal	PI	1/1/2025	5	48.50%	100	\$420,756	Pending Sponsor Review

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
GFP0001619 New	An assessment of American alligators in southeastern Oklahoma: Evaluating presence-absence, dispersal, movements and habitat requirements	Research-Basic	Southwestern Adventist University	Federal Flow-through	PI	7/1/2024	1	48.50%	100	\$16,383	Pending Sponsor Review	
GFP0001630 New	Assessing the impacts of land use and border infrastructure on bobwhite and chestnut bellied scaled quail in south Texas	Research-Basic	Park Cities Quail Coalition	Foundation/Not For Profit	PI	2/1/2025	1.9	11.11%	100	\$21,809	Pending Sponsor Review	
			Totals for	Gregory, Andrew						\$458,948		
Kennedy, James												
GFP0001612 New	Surveillance of Mosquitoes and Arboviruses Including West Nile Virus in the City of Denton during the 2024 Mosquito Season	Research-Basic	City of Denton	Local	PI	5/1/2024	0.9	15.00%	100	\$25,000	Awarded	
			Totals for	Kennedy, James						\$25,000		
Tam, Nicoladie												
GFP0001620 New	Immunomodulatory estrogen and progesterone sex hormone therapy to reduce COVID-19 morbidity, mortality, and susceptibility to develop long COVID neurocognitive symptoms	Research-Clinical	The Foundation for Women's Wellness	Foundation/Not For Profit	PI	1/1/2025	1	0.00%	100	\$25,000	Pending Sponsor Review	
			Totals for	Tam, Nicoladie						\$25,000		
			Totals for	Biological Sciences						\$1,223,938		

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Chemistry											
Acree, William											
<i>Acree, W., CoPI; Golden, T., PI; Chemistry</i>											
GFP0001575 New	Permeability Calculations and Experiments for Drug Isomers and Analogs Using Artificial Membrane Assays and Abraham Solvation Model	Research-Basic	National Institute of Justice	Federal	Co-PI	1/1/2025	3	0.00%	50	\$81,268	Pending Sponsor Review
		Totals for	Acree, William							\$81,268	
Cundari, Thomas											
GFP0001534 New	Artificial Dinitrogen Transferases: Leveraging Bio-Inspired Nitrogen Fixation to Directly Transfer N2 into Organic Molecules	Research-Basic	University of Texas at Austin	Foundation Flow-through	PI	8/1/2024	5	0.00%	100	\$558,021	Pending Sponsor Review
		Totals for	Cundari, Thomas							\$558,021	
Golden, Teresa											
<i>Golden, T., PI; Acree, W., CoPI; Chemistry</i>											
GFP0001575 New	Permeability Calculations and Experiments for Drug Isomers and Analogs Using Artificial Membrane Assays and Abraham Solvation Model	Research-Basic	National Institute of Justice	Federal	PI	1/1/2025	3	0.00%	50	\$81,268	Pending Sponsor Review
		Totals for	Golden, Teresa							\$81,268	
Ma, Shengqian											
<i>Ma, S., PI; Valsson, O., CoPI; Yan, H., CoPI; Chemistry</i>											
GFP0001595 New	Understanding the Behavior of Enzyme within Confined Space (UBECS)	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	PI	8/1/2024	5	0.00%	64	\$3,200,000	Pending Sponsor Review
		Totals for	Ma, Shengqian							\$3,200,000	
Valsson, Omar											
<i>Valsson, O., CoPI; Ma, S., PI; Yan, H., CoPI; Chemistry</i>											
GFP0001595 New	Understanding the Behavior of Enzyme within Confined Space (UBECS)	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	Co-PI	8/1/2024	5	0.00%	18	\$900,000	Pending Sponsor Review

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
			Totals for	Valsson, Omar						\$900,000	
Yan, Hao											
<i>Yan,H.,CoPI; Chemistry; Lin,Y.,PI; Xiao,Y.,CoPI; Physics; Lin,Y.,PI; Electrical Engineering</i>											
GFP0001559 New	Laser manufacturing of atomic defects for quantum emitters	Research-Basic	National Science Foundation	Federal	Co-PI	11/1/2024	3	48.50%	33	\$148,088	Pending Sponsor Review
<i>Yan,H.,CoPI; Ma,S.,PI; Valsson,O.,CoPI; Chemistry</i>											
GFP0001595 New	Understanding the Behavior of Enzyme within Confined Space (UBECS)	Research-Basic	Robert A. Welch Foundation	Foundation/Not For Profit	Co-PI	8/1/2024	5	0.00%	18	\$900,000	Pending Sponsor Review
			Totals for	Yan, Hao						\$1,048,088	
			Totals for	Chemistry						\$5,868,645	

Electrical Engineering

Lin, Yuankun

Lin,Y.,PI; Electrical Engineering; Lin,Y.,PI; Xiao,Y.,CoPI; Physics; Yan,H.,CoPI; Chemistry

GFP0001559 New	Laser manufacturing of atomic defects for quantum emitters	Research-Basic	National Science Foundation	Federal	PI	11/1/2024	3	48.50%	8.5	\$38,144	Pending Sponsor Review
			Totals for	Lin, Yuankun						\$38,144	
			Totals for	Electrical Engineering						\$38,144	

Physics

Lin, Yuankun

Lin,Y.,PI; Xiao,Y.,CoPI; Physics; Lin,Y.,PI; Electrical Engineering; Yan,H.,CoPI; Chemistry

GFP0001559 New	Laser manufacturing of atomic defects for quantum emitters	Research-Basic	National Science Foundation	Federal	PI	11/1/2024	3	48.50%	25.5	\$114,431	Pending Sponsor Review
			Totals for	Lin, Yuankun						\$114,431	

Neu, Jens

GFP0001568 New	Operando Photochemistry on Femtosecond to Millisecond Timescales: Un-derstanding Basic Photochemistry, and Energy Capturing and Conversion	Research-Basic	U.S. Department of Energy	Federal	PI	8/1/2024	5	48.50%	100	\$933,474	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
GFP0001591 New	Understanding the Ultrafast Carrier Dynamics and Photoconductivity of Doped CdSeTe	Research-Basic	National Renewable Energy Laboratory	Federal Flow-through	PI	1/1/2025	2	48.50%	100	\$290,816	Pending Sponsor Review
		Totals for	Neu, Jens							\$1,224,290	
Rout, Bibhudutta											
GFP0001446 New	Space Strategic Technology Institute – Advanced Space Power Materials and Architectures (SSTI-ASTROMAT)	Research-Basic	Rochester Institute of Technology	Federal Flow-through	PI	1/1/2025	5	48.50%	100	\$882,051	Pending Sponsor Review
<i>Rout,B.,CoPI; Physics; Siller Carrillo,H.,PI; Mechanical Engineering; Banerjee,R.,CoPI; Dahotre,N.,CoPI; Materials Science & Engineer</i>											
GFP0001546 New	Understanding strain-rate effects in additively manufactured irradiated materials toward the implementation of high-throughput small-scale mechanical testing techniques	Research-Basic	Nuclear Regulatory Commission	Federal	Co-PI	10/1/2024	3	48.50%	35	\$175,000	Pending Sponsor Review
GFP0001607 New	Quantum Applications using Novel Transition and Rare Earth Metal Oxide Materials (QUANTROM) Center	Research-Basic	The University of Oklahoma	Federal Flow-through	PI	11/9/2024	4	48.50%	100	\$731,651	Pending Sponsor Review
		Totals for	Rout, Bibhudutta							\$1,788,702	
Xiao, Yuzhe											
<i>Xiao,Y.,CoPI; Lin,Y.,PI; Physics; Lin,Y.,PI; Electrical Engineering; Yan,H.,CoPI; Chemistry</i>											
GFP0001559 New	Laser manufacturing of atomic defects for quantum emitters	Research-Basic	National Science Foundation	Federal	Co-PI	11/1/2024	3	48.50%	33	\$148,088	Pending Sponsor Review
GFP0001573 New	Probing charge-spin-phonon interactions via transient spinning thermal radiation	Research-Basic	U.S. Department of Energy	Federal	PI	3/1/2025	5	48.50%	100	\$876,751	Pending Sponsor Review
		Totals for	Xiao, Yuzhe							\$1,024,839	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Zahedy, Fakhri											
GFP0001524 New	A High-Definition View of the Baryon Cycle in Massive Galaxies	Research-Basic	Association of Universities for Research	Federal Flow-through	PI	1/16/2024	2.1	48.50%	100	\$163,863	Pending Sponsor Review
Totals for		Zahedy, Fakhri								\$163,863	
Totals for		Physics								\$4,316,124	
Totals for		College of Science								\$11,446,851	

Div of Student Affairs

Student Affairs-Gen

McGuire, Melissa

GFP0001622 New	Texas Leadership Scholars Program - Summer Conference and Study Abroad	Other	Texas Higher Education Coordinating Boar	State	PI	5/1/2024	0.3	31.50%	100	\$194,000	Pending Sponsor Review
GFP0001624 New	Texas Leadership Scholars Program - Administer Leadership Scholars Program	Other	Texas Higher Education Coordinating Boar	State	PI	5/1/2024	1.3	0.00%	100	\$188,000	Pending Sponsor Review
GFP0001643 New	Texas Leadership Scholars Program - Institutional	Other	Texas Higher Education Coordinating Boar	State	PI	5/1/2024	1.3	0.00%	100	\$154,167	Pending Sponsor Review
Totals for		McGuire, Melissa								\$536,167	
Totals for		Student Affairs-Gen								\$536,167	
Totals for		Div of Student Affairs								\$536,167	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
Ryan College of Business												
Info Tech & Decision Sci												
Giddens, Laurie												
<i>Giddens,L.,PI; Torres,R.,CoPI; Info Tech & Decision Sci</i>												
GFP0001637 New	Increasing Access to Restorative Justice for Survivors of Human Trafficking: A Mixed Method Examination of How Traffickers Use Information Technologies to Perpetrate Trafficking and the Impact on Survivors	Research-Basic	International Organization for Adolescen	Federal Flow-through	PI	1/1/2025	3	48.50%	50	\$99,649	Pending Sponsor Review	
		Totals for	Giddens, Laurie								\$99,649	
Torres, Russell												
<i>Torres,R.,CoPI; Giddens,L.,PI; Info Tech & Decision Sci</i>												
GFP0001637 New	Increasing Access to Restorative Justice for Survivors of Human Trafficking: A Mixed Method Examination of How Traffickers Use Information Technologies to Perpetrate Trafficking and the Impact on Survivors	Research-Basic	International Organization for Adolescen	Federal Flow-through	Co-PI	1/1/2025	3	48.50%	50	\$99,649	Pending Sponsor Review	
		Totals for	Torres, Russell								\$99,649	
		Totals for	Info Tech & Decision Sci								\$199,298	
		Totals for	Ryan College of Business								\$199,298	
		Totals for	UNT								\$25,746,966	
		Totals for	April FY2024:								\$25,746,966	