

Monthly Awards Report for January 2024
Office of Grants and Contracts Administration, University of North Texas

Awards Total by College	January 2023	January 2024	YTD FY2023	YTD FY2024
College of Education	\$ -	\$ 82,115	\$ 1,400,633	\$ 1,494,956
College of Engineering	\$ 1,898,095	\$ 1,292,619	\$ 19,887,510	\$ 17,636,569
College of Health and Public Service (prev. PACS)	\$ 46,004	\$ 20,000	\$ 2,449,577	\$ 747,651
College of Information	\$ -	\$ 20,565	\$ 330,632	\$ 2,189,382
College of Liberal Arts & Social Sciences ¹	\$ -	\$ 30,740	\$ 833,610	\$ 1,137,310
College of Merchandising, Hospitality and Tourism	\$ -	\$ 20,245	\$ -	\$ 420,158
College of Science	\$ 731,656	\$ 3,543,544	\$ 4,822,540	\$ 6,455,683
College of Visual Arts and Design	\$ -	\$ 7,500	\$ 58,282	\$ 402,834
College of Music	\$ -	\$ -	\$ -	\$ -
Ryan College of Business	\$ -	\$ 299,799	\$ 2,688,494	\$ 430,369
Other ²	\$ -	\$ 35,000	\$ 14,083,894	\$ 2,375,116
Grand Total:	\$ 2,675,755	\$ 5,352,127	\$ 46,555,171	\$ 33,290,029

Awards Total by Category

Instruction	\$ -	\$ 38,980	\$ 615,065	\$ 1,745,655
Research	\$ 2,545,478	\$ 5,263,147	\$ 42,843,812	\$ 28,820,019
Public Service	\$ 65,094	\$ 50,000	\$ 3,014,384	\$ 2,401,646
Other	\$ 65,183	\$ -	\$ 81,910	\$ 322,709
Grand Total:	\$ 2,675,755	\$ 5,352,127	\$ 46,555,171	\$ 33,290,029

Awards Total by Source of Funding

Federal	\$ 1,909,418	\$ 1,905,615	\$ 37,194,782	\$ 23,367,769
Private	\$ 766,337	\$ 3,446,512	\$ 3,540,413	\$ 4,547,798
State	\$ -	\$ -	\$ 5,819,976	\$ 5,374,462
Grand Total:	\$ 2,675,755	\$ 5,352,127	\$ 46,555,171	\$ 33,290,029

Note:

1 College of Liberal Arts and Social Sciences includes all Mayborn School of Journalism departments as of 2019

2 "Other" colleges includes UNT Libraries, Honors College, Distributed Learning Support, Office of the Provost and Vice President of Academic Affairs, Vice President for Student Development, Vice President for Research and Economic Development, Enrollment Management and Equity and Diversity.

Awards, January FY2024

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
UNT											
College of Education											
Educational Psychology											
Hodges,Jaret William											
GAWD0004	GP20210	State of the States Report	R	National Association for Gifted Children	Private	1/1/2024-12/31/2024	\$15,500	\$0	\$15,500	100	\$15,500
Total for Hodges,Jaret William											\$15,500
Total for Educational Psychology											\$15,500
Kinesiology, Health Promotion, & Recreation											
McFarlin,Brian Keith											
<i>McFarlin, B., PI; Kinesiology, Health Promotion, & Recreation; McFarlin, B., PI; Biological Sciences</i>											
GAWD0003	GP50025	Evaluating the Bioavailability of Two Seawater Sourced Magnesium Supplements in Healthy Adults	R	MARIGOT LTD.	Private	9/1/2023-12/31/2026	\$55,000	\$0	\$55,000	92.5	\$50,875
Total for McFarlin,Brian Keith											\$50,875
Total for Kinesiology, Health Promotion, & Recreation											\$50,875
Teacher Education & Administration											
Krutka,Daniel Gene											
<i>Krutka, D., PI; Teacher Education & Administration; Hlavacik, M., Co-PI; Communication Studies</i>											
GAWD0004	GP20208	Critical Inquiry in Social Studies Education: Directions for Research and Practice	I	American Educational Research Associatio	Private	12/29/2023-1/31/2025	\$31,480	\$0	\$31,480	50	\$15,740
Total for Krutka,Daniel Gene											\$15,740
Total for Teacher Education & Administration											\$15,740
Total for College of Education											\$82,115
College of Engineering											

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
Computer Science & Engineering											
Amini Salehi,Mohsen											
GAWD0003	GF30199	Collaborative Research: CNS Core: Small: SmartSight: an AI-Based Computing Platform to Assist Blind and Visually Impaired People	R	National Science Foundation	Federal	12/13/2023-12/12/2024	\$25,002	\$0	\$25,002	100	\$25,002
Total for Amini Salehi,Mohsen											\$25,002
Feng,Yunhe											
GAWD0004	GF40327	Machine Learning for Autonomous Weld Quality Monitoring	R	Oak Ridge National Laboratory DOE	Federal	2/1/2024-7/31/2024	\$15,000	\$0	\$15,000	100	\$15,000
Total for Feng,Yunhe											\$15,000
He,Yanyan											
<i>He, Y., PI; Computer Science & Engineering; He, Y., PI; Mathematics</i>											
GAWD0000	GF70124	Using uncertainty quantification and machine learning techniques to study the evolution of odor capture	R	U.S. Department of Defense	Federal	4/1/2022-3/31/2025	\$234,010	\$174,010	\$60,000	40	\$24,000
Total for He,Yanyan											\$24,000
Rattani,Ajita											
GAWD0003	GF30198	SaTC: CORE: Small: Probing Fairness of Ocular Biometrics Methods Across Demographic Variations	R	National Science Foundation	Federal	8/1/2023-10/31/2024	\$16,000	\$0	\$16,000	100	\$16,000
Total for Rattani,Ajita											\$16,000
Total for Computer Science & Engineering											\$80,002

Materials Science & Engineering

Burford,Dwight Aaron

GN22-0092	GP00109	Submerged Bobbin Tool (SBT) Tunneling Technology	R	Bell Textron Inc.	Private	12/14/2021-12/31/2024	\$676,113	\$527,364	\$148,749	100	\$148,749
Total for Burford,Dwight Aaron											\$148,749

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
Mishra,Rajiv Sharan											
GAWD0004	GF40325	Computational design and validation of alloys for additive manufacturing	R	Solvus Global	Federal	1/15/2024-7/15/2024	\$199,946	\$0	\$199,946	100	\$199,946
Total for Mishra,Rajiv Sharan											\$199,946
Zheng,Yufeng											
GAWD0004	GF30203	Collaborative Research: DMREF: AI-enabled Automated design of ultrastrong and ultraelastic metallic alloys	R	National Science Foundation	Federal	1/15/2024-9/30/2027	\$499,916	\$0	\$499,916	100	\$499,916
GAWD0004	GP00134	Morpheus and Named Nerve Next Generation Neuromodulation Leads	R	Medtronic	Private	12/20/2023-3/19/2025	\$39,437	\$0	\$39,437	100	\$39,437
Total for Zheng,Yufeng											\$539,353
Total for Materials Science & Engineering											\$888,048
<i>Mechanical & Energy Engineering</i>											
Sadat,Hamid											
GAWD0001	GF70140	Development of Physics-Informed Mathematical Models for Ship Extreme Responses in Ocean Waves	R	U.S. Office of Naval Research	Federal	10/1/2022-9/30/2025	\$449,353	\$224,784	\$224,569	100	\$224,569
Total for Sadat,Hamid											\$224,569
Xiao,Xinyi											
GAWD0004	GF40328	Additive Manufacturing with 3-D printing with metal	R	Oak Ridge National Laboratory DOE	Federal	1/1/2024-9/30/2024	\$100,000	\$0	\$100,000	100	\$100,000
Total for Xiao,Xinyi											\$100,000
Total for Mechanical & Energy Engineering											\$324,569
Total for College of Engineering											\$1,292,619

College of Health & Public Service

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
<i>Public Administration</i>											
He,Linlang											
GAWD0004	GF40330	SRS: U.S.-China: Infrastructure-Driven Decision System for Sustainable and Equitable Urban-Rural Development	R	Michigan State University	Federal	11/15/2023-5/15/2026	\$20,000	\$0	\$20,000	100	\$20,000
Total for He,Linlang											\$20,000
Total for Public Administration											\$20,000
Total for College of Health & Public Service											\$20,000
<i>College of Information Information Science</i>											
Hossain,K S M Tozammel											
GAWD0004	GF40326	Agroforestry for Climate Risk Management: Effectiveness of Windbreaks in Reducing Crop Loss in Midwest, USA	R	University of Missouri-Columbia	Federal	11/1/2023-1/14/2025	\$20,565	\$0	\$20,565	100	\$20,565
Total for Hossain,K S M Tozammel											\$20,565
Total for Information Science											\$20,565
Total for College of Information											\$20,565
<i>College of Liberal Arts & Social Sciences Communication Studies</i>											
Hlavacik,Mark Joseph											
<i>Hlavacik, M., Co-PI; Communication Studies; Krutka, D., PI; Teacher Education & Administration</i>											
GAWD0004	GP20208	Critical Inquiry in Social Studies Education: Directions for Research and Practice	I	American Educational Research Associatio	Private	12/29/2023-1/31/2025	\$31,480	\$0	\$31,480	50	\$15,740
Total for Hlavacik,Mark Joseph											\$15,740
Total for Communication Studies											\$15,740

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
History											
Torget,Andrew Jonathan											
<i>Torget, A., Co-PI; History; Belden, D., PI; University Library - General</i>											
GAWD0004	GF40329	Texas History for Teachers (TX4T): Accessibility for All	PS	Humanities Texas	Federal	9/1/2023-10/31/2024	\$30,000	\$0	\$30,000	50	\$15,000
Total for Torget,Andrew Jonathan											\$15,000
Total for History											\$15,000
Total for College of Liberal Arts & Social Sciences											\$30,740
College of Merchandising, Hospitality & Tourism											
Hospitality & Tourism											
Connors,Priscilla Lynn											
GAWD0003	GP20206	Analyzing Archival Lunch Tray Images to Document Plate-Waste of Meat and Non-Meat Entrees	R	National Cattlemen's Beef Association	Private	12/1/2023-12/1/2024	\$20,245	\$0	\$20,245	100	\$20,245
Total for Connors,Priscilla Lynn											\$20,245
Total for Hospitality & Tourism											\$20,245
Total for College of Merchandising, Hospitality & Tourism											\$20,245
College of Science											
Advanced Environmental Research											
Atkinson,Samuel F											
<i>Atkinson, S., PI; Hoeinghaus, D., PI; Advanced Environmental Research</i>											
GAWD0000	GP40023	Aquatic Macrophyte Restoration Project, City of Austin, Texas	R	City of Austin	Private	1/1/2022-12/31/2024	\$150,000	\$100,000	\$50,000	0	\$0
Total for Atkinson,Samuel F											\$0
Hoeinghaus,David Joseph											
<i>Hoeinghaus, D., PI; Atkinson, S., PI; Advanced Environmental Research</i>											
GAWD0000	GP40023	Aquatic Macrophyte Restoration Project, City of Austin, Texas	R	City of Austin	Private	1/1/2022-12/31/2024	\$150,000	\$100,000	\$50,000	100	\$50,000
Total for Hoeinghaus,David Joseph											\$50,000
Total for Advanced Environmental Research											\$50,000

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
<i>Biological Sciences</i>											
Ayre,Brian G											
<i>Ayre, B., PI; McGarry, R., Co-PI; Biological Sciences</i>											
GAWD0004	GP20207	Pest- and pathogen-resistant cotton through gene editing	R	Cotton Incorporated	Private	1/1/2024-12/31/2024	\$30,000	\$0	\$30,000	50	\$15,000
Total for Ayre,Brian G											\$15,000
Chapman,Kent D											
GN20-0266	GP20089	The Genetic Transformation of Cotton	R	Cotton Incorporated	Private	1/1/2020-12/31/2025	\$490,000	\$370,000	\$120,000	100	\$120,000
Total for Chapman,Kent D											\$120,000
Freiheit,Richard Arthur											
GAWD0004	GF70184	IPA for Lewisville Lake Environmental Learning Area (LLELA) Conservation Manager	R	US Army Engineer R&D Center	Federal	1/2/2024-3/31/2024	\$90,812	\$81,012	\$9,800	100	\$9,800
Total for Freiheit,Richard Arthur											\$9,800
McFarlin,Brian Keith											
<i>McFarlin, B., PI; Biological Sciences; McFarlin, B., PI; Kinesiology, Health Promotion, & Recreation</i>											
GAWD0003	GP50025	Evaluating the Bioavailability of Two Seawater Sourced Magnesium Supplements in Healthy Adults	R	MARIGOT LTD.	Private	9/1/2023-12/31/2026	\$55,000	\$0	\$55,000	7.5	\$4,125
Total for McFarlin,Brian Keith											\$4,125
McGarry,Roisin Carrie											
<i>McGarry, R., Co-PI; Ayre, B., PI; Biological Sciences</i>											
GAWD0004	GP20207	Pest- and pathogen-resistant cotton through gene editing	R	Cotton Incorporated	Private	1/1/2024-12/31/2024	\$30,000	\$0	\$30,000	50	\$15,000
Total for McGarry,Roisin Carrie											\$15,000
Thompson,Ruthanne											
GAWD0004	GP40030	Dallas Environmental Education Initiative	R	City of Dallas	Private	1/1/2024-12/31/2028	\$2,709,601	(\$94,000)	\$2,803,601	100	\$2,803,601
Total for Thompson,Ruthanne											\$2,803,601

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
Total for Biological Sciences											\$2,967,526
Chemistry											
Chyan, Oliver M R											
<i>Chyan, O., Co-PI; Yan, H., PI; Chemistry</i>											
GAWD0003	GP20204	Exploring Deep Eutectic Solvents as Environmentally Benign Post-etch Residue Removers	R	Semiconductor Research Corporation	Private	1/1/2024-12/31/2026	\$262,228	\$210,000	\$52,228	50	\$26,114
<i>Chyan, O., PI; Yan, H., Co-PI; Chemistry</i>											
GAWD0003	GP20209	Exploring Deep Eutectic Solvents as Environmentally Benign Post-etch Residue Removers	R	Semiconductor Research Corporation	Private	1/1/2024-12/31/2026	\$52,772	\$0	\$52,772	50	\$26,386
Total for Chyan, Oliver M R											\$52,500
Yan, Hao											
<i>Yan, H., PI; Chyan, O., Co-PI; Chemistry</i>											
GAWD0003	GP20204	Exploring Deep Eutectic Solvents as Environmentally Benign Post-etch Residue Removers	R	Semiconductor Research Corporation	Private	1/1/2024-12/31/2026	\$262,228	\$210,000	\$52,228	50	\$26,114
<i>Yan, H., Co-PI; Chyan, O., PI; Chemistry</i>											
GAWD0003	GP20209	Exploring Deep Eutectic Solvents as Environmentally Benign Post-etch Residue Removers	R	Semiconductor Research Corporation	Private	1/1/2024-12/31/2026	\$52,772	\$0	\$52,772	50	\$26,386
Total for Yan, Hao											\$52,500
Total for Chemistry											\$105,000
Mathematics											
Beneish, Lea E											
<i>Beneish, L., PI; Shepler, A., Co-PI; Richter, O., Co-PI; Mathematics</i>											
GAWD0003	GF30200	Collaborative Research: Conference: Texas-Oklahoma Representations and Automorphic forms (TORA)	R	National Science Foundation	Federal	1/1/2024-12/31/2026	\$20,000	\$0	\$20,000	34	\$6,800
Total for Beneish, Lea E											\$6,800

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
He,Yanyan											
<i>He, Y., PI; Mathematics; He, Y., PI; Computer Science & Engineering</i>											
GAWD0000	GF70124	Using uncertainty quantification and machine learning techniques to study the evolution of odor capture	R	U.S. Department of Defense	Federal	4/1/2022-3/31/2025	\$234,010	\$174,010	\$60,000	60	\$36,000
Total for He,Yanyan											\$36,000
Richter,Olav K											
<i>Richter, O., Co-PI; Beneish, L., PI; Shepler, A., Co-PI; Mathematics</i>											
GAWD0003	GF30200	Collaborative Research: Conference: Texas-Oklahoma Representations and Automorphic forms (TORA)	R	National Science Foundation	Federal	1/1/2024-12/31/2026	\$20,000	\$0	\$20,000	33	\$6,600
Total for Richter,Olav K											\$6,600
Shepler,Anne V											
<i>Shepler, A., Co-PI; Beneish, L., PI; Richter, O., Co-PI; Mathematics</i>											
GAWD0003	GF30200	Collaborative Research: Conference: Texas-Oklahoma Representations and Automorphic forms (TORA)	R	National Science Foundation	Federal	1/1/2024-12/31/2026	\$20,000	\$0	\$20,000	33	\$6,600
Total for Shepler,Anne V											\$6,600
Total for Mathematics											\$56,000
Physics											
Shemmer,Ohad											
GAWD0001	GF40274	Chandra's Crucial Role in Identifying a Robust and Practical Accretion-Rate Indicator for Quasars	R	Smithsonian Astrophysical Observatory	Federal	1/4/2023-1/3/2025	\$128,540	\$64,270	\$64,270	100	\$64,270
Total for Shemmer,Ohad											\$64,270
Wang,Yuanxi											
GAWD0003	GF30204	CAREER: Orbital-based Descriptors for Dynamical Properties of Quantum Defects	R	National Science Foundation	Federal	4/1/2024-3/31/2029	\$545,391	\$244,643	\$300,748	100	\$300,748
Total for Wang,Yuanxi											\$300,748

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
							Total for Physics				\$365,018
							Total for College of Science				\$3,543,544
College of Visual Arts & Design											
Design											
Chen,Chanjuan											
<i>Chen, C., PI; Gam, H., Co-PI; Design</i>											
GAWD0003	GP20203	Cotton's Role as Data: Developing Fashion Collections through Research as Practice	I	Cotton Incorporated	Private	1/1/2024-6/30/2024	\$7,500	\$0	\$7,500	50	\$3,750
							Total for Chen,Chanjuan				\$3,750
Gam,Hae Jin											
<i>Gam, H., Co-PI; Chen, C., PI; Design</i>											
GAWD0003	GP20203	Cotton's Role as Data: Developing Fashion Collections through Research as Practice	I	Cotton Incorporated	Private	1/1/2024-6/30/2024	\$7,500	\$0	\$7,500	50	\$3,750
							Total for Gam,Hae Jin				\$3,750
							Total for Design				\$7,500
							Total for College of Visual Arts & Design				\$7,500
Ryan College of Business											
Information Technology & Decision Science											
Fathi,Michel											
GAWD0004	GF40322	Applying Game Theory for Improving and Optimizing the US Political Asylum Process	R	Oak Ridge Institute for Science and Educ	Federal	1/1/2024-12/31/2024	\$100,000	\$0	\$100,000	100	\$100,000
							Total for Fathi,Michel				\$100,000
Kim,Dan Jong											
GAWD0003	GF40324	Exploring the Relative Risk Severity of Phishing Techniques on Individual Phishing Susceptibility: A Mixed Approach	R	Oak Ridge Institute for Science and Educ	Federal	3/1/2024-2/28/2025	\$99,820	\$0	\$99,820	100	\$99,820

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
Total for Kim,Dan Jong											\$99,820
Pravin,Dipakkumar Pravinkan											
GAWD0004	GF40323	Exploiting machine learning for cybersecurity tasks to talent mapping and exploring credentialing ecosystem.	R	Oak Ridge Institute for Science and Educ	Federal	1/1/2024-12/31/2024	\$99,979	\$0	\$99,979	100	\$99,979
Total for Pravin,Dipakkumar Pravinkant											\$99,979
Total for Information Technology & Decision Science											\$299,799
Total for Ryan College of Business											\$299,799
University Library											
University Library - General											
Belden,Dreanna L											
<i>Belden, D., PI; University Library - General; Torget, A., Co-PI; History</i>											
GAWD0004	GF40329	Texas History for Teachers (TX4T): Accessibility for All	PS	Humanities Texas	Federal	9/1/2023-10/31/2024	\$30,000	\$0	\$30,000	50	\$15,000
Total for Belden,Dreanna L											\$15,000
Feustle,Maristella Johanna											
GAWD0004	GP20205	Tim Owens Collection of Jazz Interviews	PS	Grammy Museum Foundation, Inc.	Private	6/1/2024-5/31/2025	\$20,000	\$0	\$20,000	100	\$20,000
Total for Feustle,Maristella Johanna											\$20,000
Total for University Library - General											\$35,000
Total for University Library											\$35,000
Total for UNT											\$5,352,127
Total for JanuaryFY2024:											\$5,352,127