

**Monthly Expenditures Report for May 2020**  
**Office of Grants and Contracts, University of North Texas**

Expenditures Total by College	May 2019	May 2020	YTD FY2019	YTD FY2020
College of Business	\$ 23,037	\$ 36,006	\$ 313,816	\$ 284,902
College of Education	\$ 219,075	\$ 168,326	\$ 1,821,422	\$ 1,253,248
College of Engineering	\$ 424,777	\$ 701,379	\$ 5,948,800	\$ 7,300,104
College of Health & Public Service (prev. PACS)	\$ 125,515	\$ 124,887	\$ 1,127,812	\$ 995,490
College of Information	\$ 58,477	\$ 35,675	\$ 462,993	\$ 392,218
College of Liberal Arts & Social Sciences	\$ 93,053	\$ 60,757	\$ 1,316,609	\$ 782,115
College of Merchandising Hospitality and Tourism	\$ 23,253	\$ 8,973	\$ 102,671	\$ 80,884
College of Music	\$ -	\$ -	\$ -	\$ 17,923
College of Science	\$ 497,023	\$ 433,578	\$ 5,368,509	\$ 5,413,224
College of Visual Arts and Design	\$ -	\$ 693	\$ -	\$ 25,382
Mayborn School of Journalism	\$ -	\$ -	\$ 800	\$ -
Other	\$ 221,048	\$ 239,763	\$ 1,956,399	\$ 1,980,558
<b>Grand Total:</b>	<b>\$ 1,685,257</b>	<b>\$ 1,810,038</b>	<b>\$ 18,419,831</b>	<b>\$ 18,526,048</b>

**Expenditures Total by Category**

Instruction	\$ 120,408	\$ 99,812.90	\$ 1,665,909	\$ 1,185,915.71
Public Service	\$ 433,525	\$ 406,258.51	\$ 3,017,145	\$ 2,962,875.71
Research	\$ 1,131,324	\$ 1,303,966.77	\$ 13,736,777	\$ 14,377,256.50
Other	\$ -	\$ -	\$ -	\$ -
<b>Grand Total:</b>	<b>\$ 1,685,257</b>	<b>\$ 1,810,038</b>	<b>\$ 18,419,831</b>	<b>\$ 18,526,048</b>

**Expenditures Total by Source of Funding**

Federal	\$ 1,285,131	\$ 1,151,160	\$ 14,347,579	\$ 10,896,975
Private	\$ 307,243	\$ 202,966	\$ 3,186,660	\$ 3,171,491
State	\$ 92,882	\$ 449,949	\$ 885,592	\$ 4,440,377
Other	\$ -	\$ 5,963	\$ -	\$ 17,205
<b>Grand Total:</b>	<b>\$ 1,685,257</b>	<b>\$ 1,810,038</b>	<b>\$ 18,419,831</b>	<b>\$ 18,526,048</b>

**Note:** "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. 2 "Other" categories include Academic Support, Student Services, Institutional Support, Scholarships and Fellowships

# Expenditures, May FY2020

Project ID	Title	Category	Sponsor	Funding Source	PI/ Co-PI	Expended This Period	Recognition %	Recognition Amount	
<b>UNT</b>									
<b>Admissions</b>									
<b>Outreach &amp; Recruit U/G Opp</b>									
<b>Keller,Marian Jean</b>									
GS00018	Work Study Mentorship Program	Public Service	Texas Higher Education Coordinating Board	State	PI	\$23,343	100	\$23,343	
Totals for		<b>Keller,Marian Jean</b>							<b>\$23,343</b>
Totals for		<b>Outreach &amp; Recruit U/G Opp</b>							<b>\$23,343</b>
Totals for		<b>Admissions</b>							<b>\$23,343</b>
<b>College of Business</b>									
<b>Marketing &amp; Logistics</b>									
<b>Bomba,Michael Stephen</b>									
GF40134	SUPPORT FOR THE ACTIVITIES OF THE BORDER TRADE ADVISORY COMMITTEE, IMPLEMENTATION OF THE TEXAS BORDER STRATEGIC TRANSPORTATION BLUEPRINT, AND IMPLEMENTATION OF THE TEXAS-MEXICO BORDER TRANSPORTATION MASTER PLAN	Research	Texas Department of Transportation	Federal	Co-PI	\$39,457	50	\$19,728	
Totals for		<b>Bomba,Michael Stephen</b>							<b>\$19,728</b>
<b>Niranjan,Suman</b>									
GP00046	Modeling and Simulation of the Empowerment of the Patient Healthcare Process	Research	StratiFi Health	Private	Co-PI	\$495	50	\$248	
Totals for		<b>Niranjan,Suman</b>							<b>\$248</b>
<b>Nowicki,David Richard</b>									
GF40134	SUPPORT FOR THE ACTIVITIES OF THE BORDER TRADE ADVISORY COMMITTEE, IMPLEMENTATION OF THE TEXAS BORDER STRATEGIC TRANSPORTATION BLUEPRINT, AND IMPLEMENTATION OF THE TEXAS-MEXICO BORDER TRANSPORTATION MASTER PLAN	Research	Texas Department of Transportation	Federal	PI	\$39,457	40	\$15,783	
Totals for		<b>Nowicki,David Richard</b>							<b>\$15,783</b>
<b>Sauser,Brian Joseph</b>									

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP00046	Modeling and Simulation of the Empowerment of the Patient Healthcare Process	Research	StratiFi Health	Private	PI	\$495	50	\$248
		Totals for	<b>Sauser,Brian Joseph</b>					<b>\$248</b>
		Totals for	<b>Marketing &amp; Logistics</b>					<b>\$36,006</b>
		Totals for	<b>College of Business</b>					<b>\$36,006</b>
<b>College of Education</b>								
<b>Autism Center</b>								
<b>Middlemiss,Wendy</b>								
GA00008	Autism Grant Program - Parent-Directed Treatment	Public Service	Texas Higher Education Coordinating Board	Other	Co-PI	\$5,655	50	\$2,828
		Totals for	<b>Middlemiss,Wendy</b>					<b>\$2,828</b>
<b>Nichols,Susan Marie</b>								
GA00008	Autism Grant Program - Parent-Directed Treatment	Public Service	Texas Higher Education Coordinating Board	Other	PI	\$5,655	50	\$2,828
		Totals for	<b>Nichols,Susan Marie</b>					<b>\$2,828</b>
		Totals for	<b>Autism Center</b>					<b>\$5,655</b>
<b>Counseling &amp; Higher Education</b>								
<b>Cartwright,Angie Denise</b>								
GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administration	Federal	PI	\$116,332	50	\$58,166
GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	PI	\$1,092	50	\$546
		Totals for	<b>Cartwright,Angie Denise</b>					<b>\$58,712</b>
<b>Ceballos,Peggy Lorena</b>								
GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administration	Federal	Co-PI	\$116,332	25	\$29,083
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	Co-PI	\$8,093	25	\$2,023
		Totals for	<b>Ceballos,Peggy Lorena</b>					<b>\$31,106</b>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount	
<b>Lindo,Natalya Ann</b>									
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	Co-PI	\$8,093	25	\$2,023	
		Totals for	<b>Lindo,Natalya Ann</b>						<b>\$2,023</b>
<b>Ray,Deanne C</b>									
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	PI	\$8,093	50	\$4,047	
		Totals for	<b>Ray,Deanne C</b>						<b>\$4,047</b>
		Totals for	<b>Counseling &amp; Higher Education</b>						<b>\$95,888</b>
<b><i>Educational Psychology</i></b>									
<b>Hull,Darrell</b>									
GF40098	Texas HIPPYCorps	Public Service	OneStar National Service Commission	Federal	Co-PI	(\$582)	20	(\$116)	
GF40128	OneStar Recompete 2019 AmeriCorps HIPPY	Public Service	OneStar National Service Commission	Federal	Co-PI	\$33,673	50	\$16,837	
		Totals for	<b>Hull,Darrell</b>						<b>\$16,720</b>
<b>Middlemiss,Wendy</b>									
GF40098	Texas HIPPYCorps	Public Service	OneStar National Service Commission	Federal	PI	(\$582)	80	(\$465)	
GF40128	OneStar Recompete 2019 AmeriCorps HIPPY	Public Service	OneStar National Service Commission	Federal	PI	\$33,673	50	\$16,837	
		Totals for	<b>Middlemiss,Wendy</b>						<b>\$16,371</b>
		Totals for	<b>Educational Psychology</b>						<b>\$33,092</b>
<b><i>Kinesiology, Health Promotion, &amp; Recreation</i></b>									
<b>Collins Jr,John R</b>									
GP20021	Girls in the Game - Teen Squad	Instruction	Girls in the Game	Private	PI	\$885	90	\$797	
		Totals for	<b>Collins Jr,John R</b>						<b>\$797</b>
<b>Keller,Marian Jean</b>									
GA00002	North Texas Pathway Project	Public Service	Texas Higher Education Coordinating Board	Other	PI	\$308	100	\$308	
		Totals for	<b>Keller,Marian Jean</b>						<b>\$308</b>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
<b>Martin,Scott B</b>								
GP20021	Girls in the Game - Teen Squad	Instruction	Girls in the Game	Private	Co-PI	\$885	10	\$89
Totals for		<b>Martin,Scott B</b>						<b>\$89</b>
<b>McFarlin,Brian Keith</b>								
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Federal	Co-PI	\$6,631	18	\$1,194
Totals for		<b>McFarlin,Brian Keith</b>						<b>\$1,194</b>
Totals for		<b>Kinesiology, Health Promotion, &amp; Recreation</b>						<b>\$2,387</b>
<b>Teacher Education &amp; Administration</b>								
<b>Boyd,Rossana R</b>								
GF20003	Success in Language and Literacy Instruction	Instruction	U.S. Department of Education	Federal	PI	\$31,477	50	\$15,738
Totals for		<b>Boyd,Rossana R</b>						<b>\$15,738</b>
<b>Eddy,Colleen M</b>								
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	PI	(\$200)	51	(\$102)
Totals for		<b>Eddy,Colleen M</b>						<b>(\$102)</b>
<b>Gonzalez-Carrido,Ricardo</b>								
GF20003	Success in Language and Literacy Instruction	Instruction	U.S. Department of Education	Federal	Co-PI	\$31,477	50	\$15,738
Totals for		<b>Gonzalez-Carrido,Ricardo</b>						<b>\$15,738</b>
<b>Harrell,Pamela Esprivalo</b>								
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	Co-PI	(\$200)	35	(\$70)
Totals for		<b>Harrell,Pamela Esprivalo</b>						<b>(\$70)</b>
Totals for		<b>Teacher Education &amp; Administration</b>						<b>\$31,305</b>
Totals for		<b>College of Education</b>						<b>\$168,326</b>
<b>College of Engineering</b>								
<b>Biomedical Engineering</b>								
<b>Albert,Mark Vincent</b>								
GP20092	79151 Machine Learning Techniques for Gait Data to Support Evidence Based Decision Making	Research	Shriners Hospitals for Children	Private	PI	\$8,344	10	\$834

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Albert,Mark Vincent</b>					<b>\$834</b>
<b>Yang,Yong</b>								
GF00009	Biomimetic Alveolar Interstitium Model for Investigation of Nanomaterials-induced Fibrogenesis	Research	National Institutes of Health	Federal	PI	\$2,542	100	\$2,542
GF30045	UNS: Nanotopographical Memory Modulates Stem Cell Fate	Research	National Science Foundation	Federal	PI	\$3,797	100	\$3,797
		Totals for	<b>Yang,Yong</b>					<b>\$6,339</b>
<b>Zhu,Donghui</b>								
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	Co-PI	\$1,979	30	\$594
		Totals for	<b>Zhu,Donghui</b>					<b>\$594</b>
		Totals for	<b>Biomedical Engineering</b>					<b>\$7,767</b>
<b>Center for Agile &amp; Adaptive Additive Manufacturing (CAAAM)</b>								
<b>Dahotre,Narendra B</b>								
APPN# 107	Center for Agile & Adaptive Additive Manufacturing (CAAAM)	Research	State of Texas	State	PI	\$376,053	100	\$376,053
		Totals for	<b>Dahotre,Narendra B</b>					<b>\$376,053</b>
		Totals for	<b>Center for Agile &amp; Adaptive Additive Manufacturing (CAAAM)</b>					<b>\$376,053</b>
<b>Computer Science &amp; Engineering</b>								
<b>Albert,Mark Vincent</b>								
GP20092	79151 Machine Learning Techniques for Gait Data to Support Evidence Based Decision Making	Research	Shriners Hospitals for Children	Private	PI	\$8,344	90	\$7,510
		Totals for	<b>Albert,Mark Vincent</b>					<b>\$7,510</b>
<b>Bhowmick,Sanjukta</b>								
GF30063	SANDY: Sparsification-Based Approach for Analyzing Network Dynamics	Research	National Science Foundation	Federal	PI	\$15,026	100	\$15,026
GF30076	SHF: Medium: Collaborative Research: ANACIN-X: Analysis and modeling of Non-determinism and Associated Costs in eXtreme scale applications	Research	National Science Foundation	Federal	PI	\$23,066	100	\$23,066
		Totals for	<b>Bhowmick,Sanjukta</b>					<b>\$38,092</b>
<b>Blanco,Eduardo</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30061	CAREER: Understanding Negation in Positive Terms	Research	National Science Foundation	Federal	PI	\$1,439	100	\$1,439
GF70072	Mining Spatiotemporal Knowledge from Language and Images	Research	National Geospatial-Intelligence Agency	Federal	PI	\$2,542	100	\$2,542
GP30013	NLP for Medication Adherence: Complex Semantics and Negation	Research	University of Texas Health Science Center at Houston	Private	PI	\$2,800	100	\$2,800
		Totals for	<b>Blanco,Eduardo</b>					<b>\$6,781</b>
<b>Fu,Song</b>								
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federal	Co-PI	\$2,822	15	\$423
GF30058	REU Site: Vehicular Edge Computing and Security: Research Experience for Undergraduates	Research	National Science Foundation	Federal	PI	\$1,124	50	\$562
GF40079	Exploring Declustered RAID and Proactive Data Protection to Develop Always-On HPC Storage Systems	Research	Los Alamos National Laboratory	Federal	PI	\$2,762	100	\$2,762
		Totals for	<b>Fu,Song</b>					<b>\$3,747</b>
<b>Gulur,Nagendra Dwarakanath</b>								
GP20085	EMPOWER: High-Performance, Low-Power and Fully Programmable Neural Network Architecture	Research	Semiconductor Research Corporation	Private	Co-PI	\$2,822	50	\$1,411
		Totals for	<b>Gulur,Nagendra Dwarakanath</b>					<b>\$1,411</b>
<b>Jin,Wei</b>								
GF30025	CAREER: Creation, Visualization, and Mining of Domain Textual Graphs: Integrating Domain Knowledge and Human Intelligence	Research	National Science Foundation	Federal	PI	\$849	100	\$849
		Totals for	<b>Jin,Wei</b>					<b>\$849</b>
<b>Kavi,Krishna M</b>								
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federal	PI	\$2,822	65	\$1,834

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP20085	EMPOWER: High-Performance, Low-Power and Fully Programmable Neural Network Architecture	Research	Semiconductor Research Corporation	Private	PI	\$2,822	50	\$1,411
	Totals for	<b>Kavi,Krishna M</b>						<b>\$3,245</b>
<b>Ludi,Stephanie Ann</b>								
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal	Co-PI	\$2,465	22	\$542
	Totals for	<b>Ludi,Stephanie Ann</b>						<b>\$542</b>
<b>Mikler,Armin R</b>								
GF40133	LA-County Web-REPLAN	Public Service	Los Angeles County	Federal	PI	\$12,539	50	\$6,269
	Totals for	<b>Mikler,Armin R</b>						<b>\$6,269</b>
<b>Mohanty,Saraju</b>								
GF30079	CyberTraining: Implementation: Small: Collaborative Research: Easy-Med: Interdisciplinary Training in Security, Privacy-Assured Internet of Medical Things	Research	National Science Foundation	Federal	PI	\$743	40	\$297
	Totals for	<b>Mohanty,Saraju</b>						<b>\$297</b>
<b>Oh,Junghwan</b>								
GF50003	Real-Time Feedback to Improve Colonoscopy	Research	University of Minnesota	Federal	PI	\$2,673	100	\$2,673
	Totals for	<b>Oh,Junghwan</b>						<b>\$2,673</b>
<b>Yang,Qing</b>								
GF30058	REU Site: Vehicular Edge Computing and Security: Research Experience for Undergraduates	Research	National Science Foundation	Federal	Co-PI	\$1,124	50	\$562
	Totals for	<b>Yang,Qing</b>						<b>\$562</b>
<b>Zhao,Hui</b>								
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federal	Co-PI	\$2,822	20	\$564
	Totals for	<b>Zhao,Hui</b>						<b>\$564</b>
	Totals for	<b>Computer Science &amp; Engineering</b>						<b>\$72,542</b>

### **Electrical Engineering**

### **Acevedo,Miguel F**



Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30077	INFEWS/T2: Improving crop yield and soil salinity by cost-effective integration of microbial community, hydrology, desalination, and renewable power	Research	National Science Foundation	Federal	PI	\$16,011	100	\$16,011
	Totals for	<b>Acevedo,Miguel F</b>						<b>\$16,011</b>
<b>Fu,Shengli</b>								
GF30031	CI-NEW: Collaborative Research: Developing an Open Networked Airborne Computing Platform	Research	National Science Foundation	Federal	PI	\$2,673	100	\$2,673
	Totals for	<b>Fu,Shengli</b>						<b>\$2,673</b>
<b>Kaul,Anupama Bhat</b>								
GF70056	Low-power, miniaturized RF components for wireless, communications and sensing systems to engage a broad cross-section of students for Navy-relevant STEM careers	Instruction	U.S. Office of Naval Research	Federal	PI	\$10,023	16	\$1,604
	Totals for	<b>Kaul,Anupama Bhat</b>						<b>\$1,604</b>
<b>Lin,Yuankun</b>								
GF30032	Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Research	National Science Foundation	Federal	PI	\$835	25	\$209
	Totals for	<b>Lin,Yuankun</b>						<b>\$209</b>
<b>Mahbub,Ifana</b>								
GF30082	High Surface Area Reverse Electrowetting Mechanoelectrical Transduction	Research	National Science Foundation	Federal	PI	\$3,911	100	\$3,911
GF70056	Low-power, miniaturized RF components for wireless, communications and sensing systems to engage a broad cross-section of students for Navy-relevant STEM careers	Instruction	U.S. Office of Naval Research	Federal	Co-PI	\$10,023	20	\$2,005
	Totals for	<b>Mahbub,Ifana</b>						<b>\$5,915</b>
<b>Mehta,Gayatri</b>								
GF30002	SHF: Small: Visual Architectures: Engaging Crowds in Design and Discovery for Custom Reconfigurable Devices	Research	National Science Foundation	Federal	PI	\$4,107	100	\$4,107
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	Co-PI	\$1,979	30	\$594
	Totals for	<b>Mehta,Gayatri</b>						<b>\$4,701</b>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Electrical Engineering</b>					<b>\$31,112</b>
<b>Engineering Technology</b>								
<b>Bostanci,Huseyin</b>								
GF40124	Microgravity Gas-Liquid Separator for the Liquid Amine CO2 Removal System	Research	National Space Grant Foundation	Federal	PI	\$489	100	\$489
		Totals for	<b>Bostanci,Huseyin</b>					<b>\$489</b>
<b>Huang,Zhenhua</b>								
GF40142	CIF21 DIBBS: EI: VIFI: Virtual Information-Fabric Infrastructure (VIFI) for Data-Driven Decisions from Distributed Data	Research	Cleveland State University	Federal	PI	\$41,707	100	\$41,707
		Totals for	<b>Huang,Zhenhua</b>					<b>\$41,707</b>
<b>Kougianos,Elias</b>								
GF30079	CyberTraining: Implementation: Small: Collaborative Research: Easy-Med: Interdisciplinary Training in Security, Privacy-Assured Internet of Medical Things	Research	National Science Foundation	Federal	Co-PI	\$743	30	\$223
		Totals for	<b>Kougianos,Elias</b>					<b>\$223</b>
<b>Nasrazadani,Seifollah</b>								
GF40136	Advanced Materials, Devices, and Structures for the Expeditionary Maneuver and Support (EMS) of Tactical shelters	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	Federal	Co-PI	\$5,346	20	\$1,069
		Totals for	<b>Nasrazadani,Seifollah</b>					<b>\$1,069</b>
<b>Nowicki,David Richard</b>								
GF40134	SUPPORT FOR THE ACTIVITIES OF THE BORDER TRADE ADVISORY COMMITTEE, IMPLEMENTATION OF THE TEXAS BORDER STRATEGIC TRANSPORTATION BLUEPRINT, AND IMPLEMENTATION OF THE TEXAS-MEXICO BORDER TRANSPORTATION MASTER PLAN	Research	Texas Department of Transportation	Federal	PI	\$39,457	10	\$3,946
		Totals for	<b>Nowicki,David Richard</b>					<b>\$3,946</b>
<b>Siller Carrillo,Hector Rafael</b>								
GP00054	Walkway Safety Research and Biomimetic Surfaces Development	Research	Walkway Management Group	Private	PI	\$2,542	100	\$2,542
		Totals for	<b>Siller Carrillo,Hector Rafael</b>					<b>\$2,542</b>
<b>Yu,Cheng</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40136	Advanced Materials, Devices, and Structures for the Expeditionary Maneuver and Support (EMS) of Tactical shelters	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	Federal	Co-PI	\$5,346	20	\$1,069
	Totals for	<b>Yu,Cheng</b>						<b>\$1,069</b>
	Totals for	<b>Engineering Technology</b>						<b>\$51,045</b>

**Materials Science & Engineering**

**Aouadi,Samir M**

GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,542	21.336	\$542
GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,542	5.328	\$135
	Totals for	<b>Aouadi,Samir M</b>						<b>\$678</b>

**Banerjee,Rajarshi**

GF30070	Collaborative Research: Fine Scale Alpha Precipitation and Resulting Deformation Mechanisms in Titanium Alloys	Research	National Science Foundation	Federal	PI	\$10,536	100	\$10,536
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	Federal	Co-PI	\$6,198	50	\$3,099
GF70030	Investigation of Fundamental Mechanisms for Multi-Scale Modeling of Complex Concentrated Alloys for Aircraft Structural Applications	Research	Air Force Office of Scientific Research	Federal	PI	\$11,568	100	\$11,568
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	12	\$279
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,542	47	\$1,195
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,542	25	\$636
	Totals for	<b>Banerjee,Rajarshi</b>						<b>\$27,312</b>

**Berman,Diana**

<b>Project ID</b>	<b>Title</b>	<b>Category</b>	<b>Sponsor</b>	<b>Funding Source</b>	<b>PI / Co-PI</b>	<b>Expended This Period</b>	<b>Recognition %</b>	<b>Recognition Amount</b>
GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,542	33.33	\$847
	Totals for	<b>Berman,Diana</b>						<b>\$847</b>
<b>Choi,Wonbong</b>								
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	PI	\$1,979	32	\$633
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research and Development	Federal	PI	\$2,775	80	\$2,220
GP50009	Development of surface stabilized Zn-anode in Zn-air battery	Research	Korea Institute of Industrial Technology	Private	PI	\$260	80	\$208
	Totals for	<b>Choi,Wonbong</b>						<b>\$3,062</b>
<b>Dahotre,Narendra B</b>								
GF40136	Advanced Materials, Devices, and Structures for the Expeditionary Maneuver and Support (EMS) of Tactical shelters	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	Federal	PI	\$5,346	20	\$1,069
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	9	\$210
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$2,542	47	\$1,195
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,542	25	\$636
	Totals for	<b>Dahotre,Narendra B</b>						<b>\$3,109</b>
<b>D'Souza,Nandika Anne</b>								
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Federal	PI	\$3,118	20	\$624
	Totals for	<b>D'Souza,Nandika Anne</b>						<b>\$624</b>
<b>Du,Jincheng</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF1738	GOAL:COLLABORATIVE RESEARCH: Understanding Composition Structure-Chemical Durability Relationships in Multicomponent Oxide Glasses: Influence of Mixed Network Former	Research	National Science Foundation	Federal	PI	\$5,084	100	\$5,084
GF40047	Center for Performance and Design of Nuclear Waste Forms and Containers (WastePD)	Research	The Ohio State University	Federal	PI	\$8,093	100	\$8,093
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	8	\$186
GP50005	AGC-UNT collaborative research project on simulations of multicomponent oxide glasses and glass/water reactions	Research	Asahi Glass Co., Ltd. (AGC)	Private	PI	\$7,833	100	\$7,833
		Totals for	<b>Du,Jincheng</b>					<b>\$21,196</b>
<b>Kaul,Anupama Bhat</b>								
GF70056	Low-power, miniaturized RF components for wireless, communications and sensing systems to engage a broad cross-section of students for Navy-relevant STEM careers	Instruction	U.S. Office of Naval Research	Federal	PI	\$10,023	64	\$6,415
		Totals for	<b>Kaul,Anupama Bhat</b>					<b>\$6,415</b>
<b>Mishra,Rajiv Sharan</b>								
GF40123	Enhanced Lower Cost Tooling for Friction Stir Technologies	Research	QuesTek Innovations LLC	Federal	PI	\$10,654	100	\$10,654
GF40132	Advanced Metallic Materials and Processes Innovation (SBIR): Design of tool materials to enable FSW of Ni-based superalloys	Research	QuesTek Innovations LLC	Federal	PI	\$11	100	\$11
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	PI	\$2,328	23	\$535
GF70061	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$3,364	100	\$3,364
GF70062	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$2,700	100	\$2,700

<b>Project ID</b>	<b>Title</b>	<b>Category</b>	<b>Sponsor</b>	<b>Funding Source</b>	<b>PI / Co-PI</b>	<b>Expended This Period</b>	<b>Recognition %</b>	<b>Recognition Amount</b>
GF70066	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$8,632	100	\$8,632
GF70067	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$13,169	100	\$13,169
		Totals for	<b>Mishra,Rajiv Sharan</b>					<b>\$39,065</b>
<b>Mukherjee,Sundeep</b>								
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High-Performance Electrocatalysts	Research	National Science Foundation	Federal	PI	\$9,356	90	\$8,420
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federal	PI	\$8,019	80	\$6,415
GF30075	PFI-TT: Next Generation Fuel Cell Catalysts for Efficient Energy Conversion	Research	National Science Foundation	Federal	PI	\$14,971	100	\$14,971
GF40136	Advanced Materials, Devices, and Structures for the Expeditionary Maneuver and Support (EMS) of Tactical shelters	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	Federal	Co-PI	\$5,346	20	\$1,069
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	8	\$186
		Totals for	<b>Mukherjee,Sundeep</b>					<b>\$31,061</b>
<b>Reidy III,Richard F</b>								
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	8	\$186
		Totals for	<b>Reidy III,Richard F</b>					<b>\$186</b>
<b>Scharf,Thomas W</b>								
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	Federal	PI	\$6,198	50	\$3,099

<b>Project ID</b>	<b>Title</b>	<b>Category</b>	<b>Sponsor</b>	<b>Funding Source</b>	<b>PI / Co-PI</b>	<b>Expended This Period</b>	<b>Recognition %</b>	<b>Recognition Amount</b>
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	8	\$186
	Totals for	<b>Scharf,Thomas W</b>						<b>\$3,285</b>
<b>Srivilliputhur,Srinivasan G</b>								
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	8	\$186
	Totals for	<b>Srivilliputhur,Srinivasan G</b>						<b>\$186</b>
<b>Tudor,Steven Paul</b>								
GF30075	PFI-TT: Next Generation Fuel Cell Catalysts for Efficient Energy Conversion	Research	National Science Foundation	Federal	Co-PI	\$14,971	0	\$0
	Totals for	<b>Tudor,Steven Paul</b>						<b>\$0</b>
<b>Voevodin,Andrey Aleksejevich</b>								
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,542	6	\$153
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$2,542	50	\$1,271
	Totals for	<b>Voevodin,Andrey Aleksejevich</b>						<b>\$1,424</b>
<b>Xia,Zhenhai</b>								
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High-Performance Electrocatalysts	Research	National Science Foundation	Federal	Co-PI	\$9,356	8	\$748
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Federal	PI	\$2,542	80	\$2,034
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federal	Co-PI	\$8,019	16	\$1,283
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	5.12	\$119

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	1.28	\$30
		Totals for	<b>Xia,Zhenhai</b>					<b>\$4,214</b>
<b>Young,Marcus Lynn</b>								
GF40063	Adaptive Aerostructures for Revolutionary Civil Supersonic Technologies Development	Research	Texas A & M Engineering Experiment Station	Federal	PI	\$277	100	\$277
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	8	\$186
GF70063	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$790	100	\$790
GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$2,542	33.34	\$848
GF70070	Thermo-mechanical Studies on NiTi-based High Temperature Shape Memory Alloys	Research	National Aeronautics & Space Administration	Federal	PI	\$2,877	100	\$2,877
GF70074	Mechanical and Microstructural Study of Welded Steels	Research	National Energy Technology Laboratory (NETL)	Federal	PI	\$10,320	100	\$10,320
GP00017	Characterization of Pb-based Batteries	Research	RSR Technologies, Inc.	Private	PI	\$4,329	100	\$4,329
		Totals for	<b>Young,Marcus Lynn</b>					<b>\$19,627</b>
		Totals for	<b>Materials Science &amp; Engineering</b>					<b>\$162,292</b>

### ***Mechanical & Energy Engineering***

#### **Choi,Tae-Youl**

GF30038	GOAL: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Federal	Co-PI	\$15,630	20	\$3,126
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Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30073	Thermal Conductivity and Diffusivity of Human Cells as Biomarkers in Early-Stage Ovarian Cancer Detection	Research	National Science Foundation	Federal	PI	\$4,886	80	\$3,909
	Totals for	<b>Choi,Tae-Youl</b>						<b>\$7,035</b>
<b>Choi,Wonbong</b>								
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	PI	\$1,979	8	\$158
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research and Development	Federal	PI	\$2,775	20	\$555
GP50009	Development of surface stabilized Zn-anode in Zn-air battery	Research	Korea Institute of Industrial Technology	Private	PI	\$260	20	\$52
	Totals for	<b>Choi,Wonbong</b>						<b>\$765</b>
<b>D'Souza,Nandika Anne</b>								
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Federal	PI	\$3,118	80	\$2,495
	Totals for	<b>D'Souza,Nandika Anne</b>						<b>\$2,495</b>
<b>Shi,Sheldon Qiang</b>								
GF70023	Real time gas monitoring with wireless high temperature sensor for the pyrolysis process of biomass to improve the production efficiency	Research	U.S. Department of Agriculture	Federal	PI	\$6,195	50	\$3,098
GP6506	Development of Natural Fiber Composite Pipe Products	Research	Zhejiang Xinzhou Bamboo Composites	Private	PI	(\$24,877)	100	(\$24,877)
	Totals for	<b>Shi,Sheldon Qiang</b>						<b>(\$21,779)</b>
<b>Simmons,Denise Perry</b>								
GF30073	Thermal Conductivity and Diffusivity of Human Cells as Biomarkers in Early-Stage Ovarian Cancer Detection	Research	National Science Foundation	Federal	Co-PI	\$4,886	20	\$977
	Totals for	<b>Simmons,Denise Perry</b>						<b>\$977</b>
<b>Zhang,Haifeng</b>								
GF40136	Advanced Materials, Devices, and Structures for the Expeditionary Maneuver and Support (EMS) of Tactical shelters	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	Federal	Co-PI	\$5,346	20	\$1,069

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40140	Smart Multimodal Acousto-optic Sensors for Integrated Measurement of Advanced Reactor Process Parameters	Research	Pacific Northwest National Laboratory	Federal	PI	\$6,908	100	\$6,908
GF70023	Real time gas monitoring with wireless high temperature sensor for the pyrolysis process of biomass to improve the production efficiency	Research	U.S. Department of Agriculture	Federal	Co-PI	\$6,195	50	\$3,098
		Totals for	<b>Zhang,Haifeng</b>					<b>\$11,075</b>
		Totals for	<b>Mechanical &amp; Energy Engineering</b>					<b>\$567</b>
		Totals for	<b>College of Engineering</b>					<b>\$701,379</b>

**College of Health & Public Service**  
*Audiology & Speech - Language Pathology*

**Schafer,Erin Cheri**

GP00042	Auditory Processing Research	Research	Sonova USA Inc.	Private	PI	\$1,287	100	\$1,287
		Totals for	<b>Schafer,Erin Cheri</b>					<b>\$1,287</b>
		Totals for	<b>Audiology &amp; Speech - Language Pathology</b>					<b>\$1,287</b>

*Behavior Analysis*

**Dracobly,Joseph Daniel**

GS00033	Behavior Analysis Resource Center: Clinic, Caseload, and Staff Training at Denton State Supported Living Center	Public Service	Texas Health and Human Services Commission	State	PI	\$18,634	100	\$18,634
GS00034	Efficient Functional Assessment Process	Public Service	Texas Health and Human Services Commission	State	PI	\$7,130	100	\$7,130
		Totals for	<b>Dracobly,Joseph Daniel</b>					<b>\$25,764</b>
		Totals for	<b>Behavior Analysis</b>					<b>\$25,764</b>

*Communication & Professional Programs - General*

**Baker,Cassidy Ann**

GF40122	Title IV-E Training Program	Instruction	Texas Department of Family & Protective Services	Federal	PI	\$26,547	100	\$26,547
		Totals for	<b>Baker,Cassidy Ann</b>					<b>\$26,547</b>
		Totals for	<b>Communication &amp; Professional Programs - General</b>					<b>\$26,547</b>

*Disability & Addiction Rehabilitation*

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
<b>Carey,Chandra Donnell</b>								
GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administration	Federal	Co-PI	\$116,332	25	\$29,083
GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	Co-PI	\$1,092	50	\$546
GS00028	Health Community Collaborative Learning Community	Public Service	Texas Health and Human Services Commission	State	Co-PI	\$19,426	50	\$9,713
	Totals for	<b>Carey,Chandra Donnell</b>						<b>\$39,342</b>
<b>Catalano,Denise Ellen</b>								
GF0618	Long-Term Training: Rehabilitation Counseling	Public Service	U.S. Department of Education	Federal	PI	\$11,412	100	\$11,412
	Totals for	<b>Catalano,Denise Ellen</b>						<b>\$11,412</b>
<b>Ingman,Stanley Rusk</b>								
GF40135	Meharry Subcontract ImPact Tribal Consortium (ITC)	Research	Meharry Medical College	Federal	PI	\$7,876	50	\$3,938
	Totals for	<b>Ingman,Stanley Rusk</b>						<b>\$3,938</b>
<b>Mpofu,Elias</b>								
GF30079	CyberTraining: Implementation: Small: Collaborative Research: Easy-Med: Interdisciplinary Training in Security, Privacy-Assured Internet of Medical Things	Research	National Science Foundation	Federal	Co-PI	\$743	30	\$223
GF40135	Meharry Subcontract ImPact Tribal Consortium (ITC)	Research	Meharry Medical College	Federal	Co-PI	\$7,876	50	\$3,938
	Totals for	<b>Mpofu,Elias</b>						<b>\$4,161</b>
	Totals for	<b>Disability &amp; Addiction Rehabilitation</b>						<b>\$58,852</b>
<b><i>Emergency Managementt &amp; Disaster Science</i></b>								
<b>Siebeneck,Laura Kathryn</b>								
GF30015	CRISP Type 2: Collaborative Research: Critical Transitions in the Resilience and Recovery of Interdependent Social and Physical Networks	Research	National Science Foundation	Federal	PI	\$2,073	100	\$2,073
	Totals for	<b>Siebeneck,Laura Kathryn</b>						<b>\$2,073</b>
<b>Wu,Hao-Che</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30085	RAPID/Collaborative Research: Households Immediate Response During a Night Time Earthquake	Research	National Science Foundation	Federal	PI	\$1,290	100	\$1,290
		Totals for	<b>Wu,Hao-Che</b>					<b>\$1,290</b>
		Totals for	<b>Emergency Managementt &amp; Disaster Science</b>					<b>\$3,363</b>
<b>Public Administration</b>								
<b>Benavides,Abraham David</b>								
GS00028	Health Community Collaborative Learning Community	Public Service	Texas Health and Human Services Commission	State	PI	\$19,426	50	\$9,713
		Totals for	<b>Benavides,Abraham David</b>					<b>\$9,713</b>
<b>Collins,Brian K</b>								
GF40112	Senior Services Age Friendly Cities Assessment, San Antonio, Texas	Research	City of San Antonio	Federal	PI	(\$639)	50	(\$320)
		Totals for	<b>Collins,Brian K</b>					<b>(\$320)</b>
<b>Keyes,Laura Marie</b>								
GF40112	Senior Services Age Friendly Cities Assessment, San Antonio, Texas	Research	City of San Antonio	Federal	Co-PI	(\$639)	50	(\$320)
		Totals for	<b>Keyes,Laura Marie</b>					<b>(\$320)</b>
<b>Tiwari,Chetan</b>								
GF40112	Senior Services Age Friendly Cities Assessment, San Antonio, Texas	Research	City of San Antonio	Federal	Co-PI	(\$639)	0	\$0
		Totals for	<b>Tiwari,Chetan</b>					<b>\$0</b>
		Totals for	<b>Public Administration</b>					<b>\$9,073</b>
		Totals for	<b>College of Health &amp; Public Service</b>					<b>\$124,887</b>

**College of Information  
Learning Technologies**

**Christensen,Rhonda R**

GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal	Co-PI	\$27,462	33	\$9,062
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Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP20073	Research and Evaluation for Hawaii STEM Pre-Academy	Research	Research Corporation of the University of Hawaii	Private	Co-PI	\$2,454	50	\$1,227
		Totals for	<b>Christensen,Rhonda R</b>					<b>\$10,289</b>
<b>Knezek,Gerald</b>								
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal	PI	\$27,462	34	\$9,337
GP20073	Research and Evaluation for Hawaii STEM Pre-Academy	Research	Research Corporation of the University of Hawaii	Private	PI	\$2,454	50	\$1,227
		Totals for	<b>Knezek,Gerald</b>					<b>\$10,564</b>
<b>Tyler-Wood,Tandra L</b>								
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal	Co-PI	\$27,462	33	\$9,062
		Totals for	<b>Tyler-Wood,Tandra L</b>					<b>\$9,062</b>
		Totals for	<b>Learning Technologies</b>					<b>\$29,915</b>
<b>Linguistics</b>								
GF30024	Political Instability and Language Endangerment	Research	National Science Foundation	Federal	PI	\$1,634	50	\$817
		Totals for	<b>Chelliah,Shobhana L</b>					<b>\$817</b>
<b>Munshi,Sadaf</b>								
GF30057	Investigation of Tonogenesis and Consonant Inventories Through Language Documentation	Research	National Science Foundation	Federal	PI	\$4,942	100	\$4,942
		Totals for	<b>Munshi,Sadaf</b>					<b>\$4,942</b>
		Totals for	<b>Linguistics</b>					<b>\$5,760</b>
		Totals for	<b>College of Information</b>					<b>\$35,675</b>
<b>College of Liberal Arts &amp; Social Sciences</b>								
<b>Geography</b>								
<b>Oppong,Joseph R</b>								
GF30019	NSF REU program on Conflict Management and Peace Science	Research	National Science Foundation	Federal	Co-PI	\$3,615	50	\$1,808
		Totals for	<b>Oppong,Joseph R</b>					<b>\$1,808</b>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
<b>Ponette,Alexandra Gisela</b>								
GF30000	CAREER: Intra-Urban Variability in Black Carbon Deposition: Rates, Pathways, and Determinants	Research	National Science Foundation	Federal	PI	\$5,896	100	\$5,896
		Totals for	<b>Ponette,Alexandra Gisela</b>					<b>\$5,896</b>
		Totals for	<b>Geography</b>					<b>\$7,704</b>
<i>History</i>								
<b>Moran,Rachel Louise</b>								
GF30068	A History of the Definition and Diagnosis of Postpartum Depression	Research	National Science Foundation	Federal	PI	\$13,396	100	\$13,396
		Totals for	<b>Moran,Rachel Louise</b>					<b>\$13,396</b>
		Totals for	<b>History</b>					<b>\$13,396</b>
<i>Political Science</i>								
<b>Ishiyama,John T</b>								
GF30019	NSF REU program on Conflict Management and Peace Science	Research	National Science Foundation	Federal	PI	\$3,615	50	\$1,808
		Totals for	<b>Ishiyama,John T</b>					<b>\$1,808</b>
<b>King,Kimi Lynn</b>								
GF30024	Political Instability and Language Endangerment	Research	National Science Foundation	Federal	Co-PI	\$1,634	25	\$409
		Totals for	<b>King,Kimi Lynn</b>					<b>\$409</b>
<b>Meernik,James David</b>								
GF30024	Political Instability and Language Endangerment	Research	National Science Foundation	Federal	Co-PI	\$1,634	25	\$409
		Totals for	<b>Meernik,James David</b>					<b>\$409</b>
		Totals for	<b>Political Science</b>					<b>\$2,625</b>
<i>Psychology</i>								
<b>Blumenthal,Heidemarie</b>								
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal	PI	\$6,114	80	\$4,891
GF00012	Effect of Trauma-Related Stress During Acute Alcohol Intoxication on Driving-Related Risky Decision-Making	Research	National Institutes of Health	Federal	PI	\$2,522	100	\$2,522

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Blumenthal,Heidemarie</b>					<b>\$7,413</b>
<b>Callahan,Jennifer Lynn</b>								
GF10001	The North-Texas-20: Expanding doctoral psychology opiate/substance use disorder (OUD/SUD) and tele-behavioral health training in 20 high need and high demand areas of North Texas	Research	Health Resources & Service Administration	Federal	PI	\$15,961	50	\$7,981
		Totals for	<b>Callahan,Jennifer Lynn</b>					<b>\$7,981</b>
<b>Kelly,Kimberly S</b>								
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	PI	\$7,920	80	\$6,336
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	PI	\$3,136	80	\$2,508
		Totals for	<b>Kelly,Kimberly S</b>					<b>\$8,844</b>
<b>Ruggero,Camilo</b>								
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	Co-PI	\$7,920	20	\$1,584
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	Co-PI	\$3,136	20	\$627
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal	Co-PI	\$6,114	5	\$306
GF10001	The North-Texas-20: Expanding doctoral psychology opiate/substance use disorder (OUD/SUD) and tele-behavioral health training in 20 high need and high demand areas of North Texas	Research	Health Resources & Service Administration	Federal	Co-PI	\$15,961	50	\$7,981
		Totals for	<b>Ruggero,Camilo</b>					<b>\$10,497</b>
<b>Taylor,Daniel</b>								
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal	Co-PI	\$6,114	15	\$917
		Totals for	<b>Taylor,Daniel</b>					<b>\$917</b>
		Totals for	<b>Psychology</b>					<b>\$35,652</b>

**Technical Communication**

**Boettger,Ryan K**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal	PI	\$2,465	56	\$1,380
	Totals for	<b>Boettger,Ryan K</b>						<b>\$1,380</b>
	Totals for	<b>Technical Communication</b>						<b>\$1,380</b>
	Totals for	<b>College of Liberal Arts &amp; Social Sciences</b>						<b>\$60,757</b>

**College of Merchandising, Hospitality & Tourism**

*Merchandising & Digital Retailing*

**Kim, JiYoung**

GP20090	Rethinking Cotton Learning: Innovation Through Collaboration	Instruction	Cotton Incorporated	Private	PI	\$1,540	50	\$770
	Totals for	<b>Kim, JiYoung</b>						<b>\$770</b>

**Xu, Bugao**

GP20013	On-Loom Fabric Defect Inspection Using Contact Image Sensors	Research	Wal-mart Foundation, Inc.	Private	PI	\$8,126	100	\$8,126
GP20090	Rethinking Cotton Learning: Innovation Through Collaboration	Instruction	Cotton Incorporated	Private	Co-PI	\$1,540	5	\$77
	Totals for	<b>Xu, Bugao</b>						<b>\$8,203</b>
	Totals for	<b>Merchandising &amp; Digital Retailing</b>						<b>\$8,973</b>
	Totals for	<b>College of Merchandising, Hospitality &amp; Tourism</b>						<b>\$8,973</b>

**College of Science**

*Advanced Environmental Research*

**Atkinson, Samuel F**

GP40015	Aquatic Macrophyte Restoration Project	Research	City of Austin	Private	PI	\$8,137	100	\$8,137
	Totals for	<b>Atkinson, Samuel F</b>						<b>\$8,137</b>

**Crossley II, Dane Alan**

GF30069	Collaborative Research: Effect Of Developmental Hypoxia On Juvenile Cardiac Function	Research	National Science Foundation	Federal	PI	\$11,749	100	\$11,749
	Totals for	<b>Crossley II, Dane Alan</b>						<b>\$11,749</b>

**Hoinghaus, David Joseph**

GF40143	Alligator Gar population connectivity and habitat use in the Trinity River National Wildlife Refuge	Research	Texas Parks and Wildlife Department	Federal	PI	\$2,579	100	\$2,579
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Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Hoenghaus,David Joseph</b>					<b>\$2,579</b>
<b>Kennedy,James H</b>								
GP40014	Surveillance of Mosquitoes and Arboviruses Including West Nile Virus in the City of Denton During the 2019 Mosquito Season	Research	City of Denton	Private	PI	\$16	100	\$16
		Totals for	<b>Kennedy,James H</b>					<b>\$16</b>
		Totals for	<b>Advanced Environmental Research</b>					<b>\$22,481</b>

**Biological Sciences**

**Alonso,Ana Paula**

GF10503	Systems Approach to Understanding and Improving Industrial Oil Biosynthesis in an Emerging Crop <i>Physaria fendleri</i>	Research	U.S. Department of Agriculture	Federal	PI	\$1,958	100	\$1,958
GF40090	Collaborative Research : Dimensions : Secondary Metabolites as Drivers of Fungal Endophyte Community Diversity	Research	The Ohio State University	Federal	PI	\$7,428	100	\$7,428
GF70041	Development of Resources and Tools to Improve Oil Content and Quality in Pennycress	Research	U.S. Department of Energy	Federal	PI	\$31,508	100	\$31,508
GF70059	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	PI	\$29,995	50	\$14,998
GF70060	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	Co-PI	\$15,230	50	\$7,615
GP10006	Towards the development of high-yielding cultivars & germplasm with optimum oil and protein content and innovative oil attributes for the current market	Research	The Ohio State University	Private	PI	\$7,420	100	\$7,420
		Totals for	<b>Alonso,Ana Paula</b>					<b>\$70,926</b>

**Ayre,Brian G**

GF1748	Unraveling the Link Between Carbohydrate Transport and Phosphate Use: Can We Improve Carbon Partitioning and Reduce Nutrient Use?	Research	National Science Foundation	Federal	PI	\$741	100	\$741
GP20091	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Private	PI	\$2,115	50	\$1,058

<b>Project ID</b>	<b>Title</b>	<b>Category</b>	<b>Sponsor</b>	<b>Funding Source</b>	<b>PI / Co-PI</b>	<b>Expended This Period</b>	<b>Recognition %</b>	<b>Recognition Amount</b>
GP50010	Elucidating and manipulating the CLAVATA-WUSCHEL circuit in cotton to understand meristem homeostasis in relation to fruit size and shape	Research	US Israel Binational Agricultural Research & Development- BARD	Private	PI	\$2,207	50	\$1,104
		Totals for	<b>Ayre,Brian G</b>					<b>\$2,903</b>
<b>Azad,Rajeev Kumar</b>								
GF00001	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Federal	Co-PI	\$143	24	\$34
GF40130	Leaf-to-leaf communication during acclimation to multiple stresses	Research	University of Missouri-Columbia	Federal	PI	\$3,826	60	\$2,296
		Totals for	<b>Azad,Rajeev Kumar</b>					<b>\$2,330</b>
<b>Burggren,Warren W</b>								
GP00040	Integrated Platform for Measuring Cardiovascular Physiology in Early Lifestage Fish and Bird Embryos	Research	World Precision Instruments, Inc.	Private	Co-PI	\$1,485	50	\$743
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medicine	Private	Co-PI	\$1,393	25	\$348
		Totals for	<b>Burggren,Warren W</b>					<b>\$1,091</b>
<b>Chapman,Kent D</b>								
GF30020	Molecular Targets and Actions of Ethanolamide-Conjugated Oxylipins in Arabidopsis Thaliana	Research	National Science Foundation	Federal	PI	\$14,893	100	\$14,893
GF70010	Elucidating the Cellular Machinery for Lipid Storage in Plants	Research	U.S. Department of Energy	Federal	PI	\$7,311	100	\$7,311
GF70059	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	Co-PI	\$29,995	50	\$14,998
GF70060	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	PI	\$15,230	50	\$7,615
GP20087	Engineering Seed Value in Cotton - Strategies to Modify Seed Constituents	Research	Cotton Incorporated	Private	PI	\$9,636	100	\$9,636

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP20089	The Genetic Transformation of Cotton	Research	Cotton Incorporated	Private	PI	\$6,705	100	\$6,705
		Totals for	<b>Chapman,Kent D</b>					<b>\$61,158</b>
<b>Chen,Fang</b>								
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Federal	Co-PI	\$33,735	50	\$16,868
		Totals for	<b>Chen,Fang</b>					<b>\$16,868</b>
<b>Crossley II,Dane Alan</b>								
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medicine	Private	Co-PI	\$1,393	25	\$348
		Totals for	<b>Crossley II,Dane Alan</b>					<b>\$348</b>
<b>Dickstein,Rebecca</b>								
GF40073	Research-PGR: Functional Genomics of Beneficial Legume-Microbe Interactions	Research	Samuel Roberts Noble Foundation, Inc.	Federal	PI	(\$288)	100	(\$288)
		Totals for	<b>Dickstein,Rebecca</b>					<b>(\$288)</b>
<b>Dixon,Richard Arthur</b>								
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Federal	PI	\$33,735	50	\$16,868
GF4293	Botanicals Dietary Supplement Research Center- Dietary Polyphenols in the Preservation and Promotion of Cognitive Wellness and Psychological Resiliency	Research	Mount Sinai School of Medicine	Federal	PI	\$4,879	100	\$4,879
GP6331	Molecular Approaches to Improved Protein Utilization in Alfalfa	Research	Forage Genetics International	Private	PI	\$8,402	100	\$8,402
GP6433	Condensed Tannin Expression in Row Crops	Research	Grasslanz Technology Limited (GTL)	Private	PI	\$13,577	100	\$13,577
		Totals for	<b>Dixon,Richard Arthur</b>					<b>\$43,726</b>
<b>Dubansky,Benjamin David</b>								
GP00040	Integrated Platform for Measuring Cardiovascular Physiology in Early Lifestage Fish and Bird Embryos	Research	World Precision Instruments, Inc.	Private	PI	\$1,485	50	\$743
		Totals for	<b>Dubansky,Benjamin David</b>					<b>\$743</b>
<b>Hoeinghaus,David Joseph</b>								

<b>Project ID</b>	<b>Title</b>	<b>Category</b>	<b>Sponsor</b>	<b>Funding Source</b>	<b>PI / Co-PI</b>	<b>Expended This Period</b>	<b>Recognition %</b>	<b>Recognition Amount</b>
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal	Co-PI	\$2,465	22	\$542
		Totals for	<b>Hoeninghaus,David Joseph</b>					<b>\$542</b>
<b>Hughes, Lee E</b>								
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	Co-PI	(\$200)	6	(\$12)
		Totals for	<b>Hughes, Lee E</b>					<b>(\$12)</b>
<b>Lund, Amie Kathleen</b>								
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Federal	PI	\$6,631	80	\$5,305
		Totals for	<b>Lund, Amie Kathleen</b>					<b>\$5,305</b>
<b>Mager, Edward Michael</b>								
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medicine	Private	Co-PI	\$1,393	25	\$348
		Totals for	<b>Mager, Edward Michael</b>					<b>\$348</b>
<b>McFarlin, Brian Keith</b>								
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Federal	Co-PI	\$6,631	2	\$133
		Totals for	<b>McFarlin, Brian Keith</b>					<b>\$133</b>
<b>McGarry, Roisin Carrie</b>								
GP20091	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Private	Co-PI	\$2,115	50	\$1,058
GP50010	Elucidating and manipulating the CLAVATA-WUSCHEL circuit in cotton to understand meristem homeostasis in relation to fruit size and shape	Research	US Israel Binational Agricultural Research & Development- BARD	Private	Co-PI	\$2,207	50	\$1,104
		Totals for	<b>McGarry, Roisin Carrie</b>					<b>\$2,161</b>
<b>Padilla, Pamela A</b>								
GF00001	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Federal	PI	\$143	60	\$86

<b>Project ID</b>	<b>Title</b>	<b>Category</b>	<b>Sponsor</b>	<b>Funding Source</b>	<b>PI / Co-PI</b>	<b>Expended This Period</b>	<b>Recognition %</b>	<b>Recognition Amount</b>
GF30004	Regulation of Mitochondrial Functions by Iron and Ceramides in C. elegans	Research	National Science Foundation	Federal	PI	\$7,047	100	\$7,047
		Totals for	<b>Padilla,Pamela A</b>					<b>\$7,132</b>
<b>Roberts,Aaron Patrick</b>								
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medicine	Private	PI	\$1,393	25	\$348
GS80011	Development of an in situ testing platform for use in oil spill response and assessment	Research	Texas General Land Office	State	PI	\$2,604	100	\$2,604
		Totals for	<b>Roberts,Aaron Patrick</b>					<b>\$2,952</b>
<b>Shah,Jyoti</b>								
GF10501	Developing Resistance to Fusarium Head Blight in Wheat	Research	U.S. Department of Agriculture	Federal	PI	\$2,667	100	\$2,667
		Totals for	<b>Shah,Jyoti</b>					<b>\$2,667</b>
<b>Thompson,Ruthanne</b>								
GP40013	Dallas Environmental Education Initiative	Research	City of Dallas	Private	PI	\$36,147	100	\$36,147
		Totals for	<b>Thompson,Ruthanne</b>					<b>\$36,147</b>
<b>Verbeck IV,Guido Fridolin</b>								
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyls	Research	National Institute of Justice	Federal	Co-PI	\$2,884	6.93	\$200
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyls	Research	National Institute of Justice	Federal	Co-PI	\$2,884	2.97	\$86
GP00044	Tuúngara Frog Foam Recombinant Synthesis	Research	Biome Solutions Inc	Private	PI	\$3,713	30	\$1,114
GP00060	LaCore Research Facility	Research	LaCore Labs, Inc.	Private	PI	\$2,835	30	\$851
GP00062	Development Portable Breathalyzer Methods for the Detection of VOCs on the breath for Personal Health, Medical Drug Detection, and Forensic Applications	Research	InspectIR Systems, LLC	Private	PI	\$4,507	30	\$1,352
		Totals for	<b>Verbeck IV,Guido Fridolin</b>					<b>\$3,602</b>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Biological Sciences</b>					<b>\$260,781</b>
<b>Chemistry</b>								
<b>Acree Jr, William Eugene</b>								
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyls	Research	National Institute of Justice	Federal	Co-PI	\$2,884	33	\$952
		Totals for	<b>Acree Jr, William Eugene</b>					<b>\$952</b>
<b>Bagus, Paul S</b>								
GF40103	Fundamental Mechanisms of Reactivity at Complex Geochemical Interfaces	Research	Pacific Northwest National Laboratory	Federal	PI	\$3,530	100	\$3,530
		Totals for	<b>Bagus, Paul S</b>					<b>\$3,530</b>
<b>Buongiorno Nardelli, Marco</b>								
GF40104	Q4Q: Quantum Computation for Quantum Prediction of Materials and Molecular Properties	Research	University of Southern California	Federal	PI	\$12,748	20	\$2,550
		Totals for	<b>Buongiorno Nardelli, Marco</b>					<b>\$2,550</b>
<b>Chyan, Oliver M R</b>								
GP20051	Novel Chemical Approaches to Enhance Etch Anisotropy	Research	Semiconductor Research Corporation	Private	PI	(\$1,494)	100	(\$1,494)
		Totals for	<b>Chyan, Oliver M R</b>					<b>(\$1,494)</b>
<b>Cisneros, Gerardo Andres</b>								
GF00013	Investigation of DNA Modifying Enzymes by Computational Simulations: Development and Applications	Research	National Institutes of Health	Federal	PI	\$20,637	100	\$20,637
GF30078	Collaborative Research: Computational Investigation of Solvent Effects on Enzyme Catalysis	Research	National Science Foundation	Federal	PI	\$3,055	100	\$3,055
		Totals for	<b>Cisneros, Gerardo Andres</b>					<b>\$23,692</b>
<b>Cundari, Thomas Richard</b>								
G72762	Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCAM)	Research	U.S. Department of Energy	Federal	Co-PI	\$8,794	50	\$4,397
G73184	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	Research	U.S. Department of Energy	Federal	PI	\$3,341	100	\$3,341

<b>Project ID</b>	<b>Title</b>	<b>Category</b>	<b>Sponsor</b>	<b>Funding Source</b>	<b>PI / Co-PI</b>	<b>Expended This Period</b>	<b>Recognition %</b>	<b>Recognition Amount</b>
GF1740	Earth-abundant Metal Catalysts for the Functionalization of Strong Carbon-Hydrogen Bonds	Research	National Science Foundation	Federal	PI	\$6,155	100	\$6,155
GP00056	Exploring The Fundamentals of Olefin Dimerization with Organometallic Catalysts	Research	Exxon Mobil	Private	PI	\$3,100	100	\$3,100
GP10004	Computational Chemistry Research for Novel Anti-Inflammatory Medicines	Research	Michigan State University	Private	PI	\$2,774	100	\$2,774
		Totals for	<b>Cundari,Thomas Richard</b>					<b>\$19,767</b>
<b>Golden,Teresa D</b>								
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyl	Research	National Institute of Justice	Federal	PI	\$2,884	34	\$980
		Totals for	<b>Golden,Teresa D</b>					<b>\$980</b>
<b>Omary,Mohammad A</b>								
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Private	PI	\$1,349	100	\$1,349
		Totals for	<b>Omary,Mohammad A</b>					<b>\$1,349</b>
<b>Richmond,Michael George</b>								
GP7633	Synthesis and Reactivity Studies of Metal Clusters	Research	Robert A. Welch Foundation	Private	PI	\$657	100	\$657
		Totals for	<b>Richmond,Michael George</b>					<b>\$657</b>
<b>Verbeck IV,Guido Fridolin</b>								
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyl	Research	National Institute of Justice	Federal	Co-PI	\$2,884	6.93	\$200
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyl	Research	National Institute of Justice	Federal	Co-PI	\$2,884	16.17	\$466
GP00044	Tuúngara Frog Foam Recombinant Synthesis	Research	Biome Solutions Inc	Private	PI	\$3,713	70	\$2,599
GP00060	LaCore Research Facility	Research	LaCore Labs, Inc.	Private	PI	\$2,835	70	\$1,985

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP00062	Development Portable Breathalyzer Methods for the Detection of VOCs on the breath for Personal Health, Medical Drug Detection, and Forensic Applications	Research	InspectIR Systems, LLC	Private	PI	\$4,507	70	\$3,155
		Totals for	<b>Verbeck IV,Guido Fridolin</b>					<b>\$8,404</b>
<b>Wilson,Angela Kay</b>								
G72762	Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCaM)	Research	U.S. Department of Energy	Federal	PI	\$8,794	50	\$4,397
		Totals for	<b>Wilson,Angela Kay</b>					<b>\$4,397</b>
<b>Xia,Zhenhai</b>								
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High-Performance Electrocatalysts	Research	National Science Foundation	Federal	Co-PI	\$9,356	2	\$187
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Federal	PI	\$2,542	20	\$508
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federal	Co-PI	\$8,019	4	\$321
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	1.28	\$30
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal	Co-PI	\$2,328	0.32	\$7
		Totals for	<b>Xia,Zhenhai</b>					<b>\$1,054</b>
		Totals for	<b>Chemistry</b>					<b>\$65,838</b>
<b>COS - Student Services</b>								
<b>Beck,Debrah Ann</b>								
GS00021	Joint Admission Medical Program 2018-19	Public Service	University of Texas at Austin Joint Admission Medical Program Council: Admissions Medical Program	State	PI	(\$8)	100	(\$8)
		Totals for	<b>Beck,Debrah Ann</b>					<b>(\$8)</b>
		Totals for	<b>COS - Student Services</b>					<b>(\$8)</b>



Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
<b><i>Institute for Applied Sciences</i></b>								
<b>O'Neill II, Martin Joseph</b>								
GF40133	LA-County Web-REPLAN	Public Service	Los Angeles County	Federal	Co-PI	\$12,539	50	\$6,269
Totals for		<b>O'Neill II, Martin Joseph</b>						<b>\$6,269</b>
Totals for		<b>Institute for Applied Sciences</b>						<b>\$6,269</b>
<b><i>Mathematics</i></b>								
<b>Azad, Rajeev Kumar</b>								
GF00001	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Federal	Co-PI	\$143	16	\$23
GF40130	Leaf-to-leaf communication during acclimation to multiple stresses	Research	University of Missouri-Columbia	Federal	PI	\$3,826	40	\$1,531
Totals for		<b>Azad, Rajeev Kumar</b>						<b>\$1,553</b>
<b>Quintanilla, John Anthony</b>								
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	Co-PI	(\$200)	8	(\$16)
Totals for		<b>Quintanilla, John Anthony</b>						<b>(\$16)</b>
<b>Trang, Nam Duc</b>								
GF30055	Descriptive Inner Model Theory, Large Cardinals, and Combinatorics	Research	National Science Foundation	Federal	PI	\$0	100	\$0
Totals for		<b>Trang, Nam Duc</b>						<b>\$0</b>
Totals for		<b>Mathematics</b>						<b>\$1,537</b>
<b><i>Physics</i></b>								
<b>Andreussi, Oliviero</b>								
GP20074	Modelling solvation-driven rare-events: from drug design to protein folding	Research	Robert A. Welch Foundation	Private	PI	\$6,831	100	\$6,831
Totals for		<b>Andreussi, Oliviero</b>						<b>\$6,831</b>
<b>Aouadi, Samir M</b>								
GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,542	1.332	\$34

<b>Project ID</b>	<b>Title</b>	<b>Category</b>	<b>Sponsor</b>	<b>Funding Source</b>	<b>PI / Co-PI</b>	<b>Expended This Period</b>	<b>Recognition %</b>	<b>Recognition Amount</b>
GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,542	5.334	\$136
	Totals for	<b>Aouadi,Samir M</b>						<b>\$169</b>
<b>Buongiorno Nardelli,Marco</b>								
GF40104	Q4Q: Quantum Computation for Quantum Prediction of Materials and Molecular Properties	Research	University of Southern California	Federal	PI	\$12,748	80	\$10,199
	Totals for	<b>Buongiorno Nardelli,Marco</b>						<b>\$10,199</b>
<b>Glass,Gary Alan</b>								
GF50002	Estradiol Regulation of Hypothalamic Astrocyte Glycogen	Research	University of Louisiana at Monroe	Federal	PI	\$3,384	100	\$3,384
	Totals for	<b>Glass,Gary Alan</b>						<b>\$3,384</b>
<b>Grigolini,Paolo</b>								
GF70054	Self-Organization of Social Systems	Research	Army Research Office	Federal	PI	\$14,023	100	\$14,023
	Totals for	<b>Grigolini,Paolo</b>						<b>\$14,023</b>
<b>Krokhin,Arkadii</b>								
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Federal	Co-PI	\$15,630	30	\$4,689
	Totals for	<b>Krokhin,Arkadii</b>						<b>\$4,689</b>
<b>Lin,Yuankun</b>								
GF30032	Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Research	National Science Foundation	Federal	PI	\$835	75	\$626
	Totals for	<b>Lin,Yuankun</b>						<b>\$626</b>
<b>Littler,Christopher Leslie</b>								
GF40107	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Federal	Co-PI	\$891	20	\$178
GP00055	Measurement of Material Properties of Vanadium Oxide (VOx) Development, Research, and Engineering of Advance MicrobolometersMicrobolometers and ROICs (DREAMR)	Research	DRS Network & Imaging Systems, LLC	Private	Co-PI	\$3,071	20	\$614
	Totals for	<b>Littler,Christopher Leslie</b>						<b>\$792</b>
<b>Neogi,Arup</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Federal	PI	\$15,630	50	\$7,815
	Totals for	<b>Neogi,Arup</b>						<b>\$7,815</b>
<b>Philipose,Usha</b>								
GF40107	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Federal	Co-PI	\$891	30	\$267
GP00055	Measurement of Material Properties of Vanadium Oxide (VOx) Development, Research, and Engineering of Advance MicrobolometersMicrobolometers and ROICs (DREAMR)	Research	DRS Network & Imaging Systems, LLC	Private	Co-PI	\$3,071	30	\$921
	Totals for	<b>Philipose,Usha</b>						<b>\$1,189</b>
<b>Shemmer,Ohad</b>								
GF30048	Collaborative Research: Placing High-Redshift Quasars in Perspective: a Gemini Near-Infrared Spectroscopic Survey Collaborative Research: Placing High-Redshift Quasars in Perspective: a Gemini Near-Infrared Spectroscopic Survey	Research	National Science Foundation	Federal	PI	\$4,122	100	\$4,122
GF40081	Exploratory X-ray Monitoring of z>4 Radio-Quiet Quasars	Research	Smithsonian Astrophysical Observatory	Federal	PI	(\$1,419)	100	(\$1,419)
	Totals for	<b>Shemmer,Ohad</b>						<b>\$2,703</b>
<b>Syllaios,Athanasios John</b>								
GF40107	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Federal	PI	\$891	50	\$446
GP00053	Testing of electrical conduction of amorphous silicon thin films	Research	Obsidian Sensors, Inc.	Private	PI	\$13,858	100	\$13,858
GP00055	Measurement of Material Properties of Vanadium Oxide (VOx) Development, Research, and Engineering of Advance MicrobolometersMicrobolometers and ROICs (DREAMR)	Research	DRS Network & Imaging Systems, LLC	Private	PI	\$3,071	50	\$1,536
	Totals for	<b>Syllaios,Athanasios John</b>						<b>\$15,840</b>
	Totals for	<b>Physics</b>						<b>\$68,260</b>

*Teach North Texas*

**Thompson,Ruthanne**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40108	Expanding and Strengthening STEM Teacher Workforce Through UTeach	Research	University of Texas at Austin	Federal	PI	\$8,420	100	\$8,420
	Totals for	<b>Thompson,Ruthanne</b>						<b>\$8,420</b>
	Totals for	<b>Teach North Texas</b>						<b>\$8,420</b>
	Totals for	<b>College of Science</b>						<b>\$433,578</b>

**College of Visual Arts & Design**  
*Design*

**Gam,Hae Jin**

GP20090	Rethinking Cotton Learning: Innovation Through Collaboration	Instruction	Cotton Incorporated	Private	Co-PI	\$1,540	25	\$385
	Totals for	<b>Gam,Hae Jin</b>						<b>\$385</b>

**Trippeer,Barbara Cottrell**

GP20090	Rethinking Cotton Learning: Innovation Through Collaboration	Instruction	Cotton Incorporated	Private	Co-PI	\$1,540	20	\$308
	Totals for	<b>Trippeer,Barbara Cottrell</b>						<b>\$308</b>
	Totals for	<b>Design</b>						<b>\$693</b>
	Totals for	<b>College of Visual Arts &amp; Design</b>						<b>\$693</b>

**Office of the President**  
*Office of the President*

**Roe,Lesa Benton**

G70167	Executive Director CPUPC Position	Public Service	Texas Council of Public University Presidents and Chancellors	Private	PI	\$13,277	100	\$13,277
	Totals for	<b>Roe,Lesa Benton</b>						<b>\$13,277</b>
	Totals for	<b>Office of the President</b>						<b>\$13,277</b>
	Totals for	<b>Office of the President</b>						<b>\$13,277</b>

**Student Affairs - General**  
*Student Affairs - General*

**McGuinness,Maureen M**

GS00032	OVAG Program	Public Service	Office of Attorney General, Texas	State	PI	\$1,676	100	\$1,676
	Totals for	<b>McGuinness,Maureen M</b>						<b>\$1,676</b>
	Totals for	<b>Student Affairs - General</b>						<b>\$1,676</b>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Student Affairs - General</b>					<b>\$1,676</b>
<b>Student Engagement</b>								
<i>UNT TRIO</i>								
<b>Craig,Detra Danielle</b>								
GF0616	University of North Texas Student Support Services TRIO	Public Service	U.S. Department of Education	Federal	PI	\$30,033	100	\$30,033
		Totals for	<b>Craig,Detra Danielle</b>					<b>\$30,033</b>
<b>Dean,Karen Rawlings</b>								
GF20001	UNT HEB Talent Search	Public Service	U.S. Department of Education	Federal	PI	\$19,694	100	\$19,694
		Totals for	<b>Dean,Karen Rawlings</b>					<b>\$19,694</b>
<b>Maloney,Beverly Ann</b>								
GF20000	UNT Talent Search	Public Service	U.S. Department of Education	Federal	PI	\$38,573	100	\$38,573
		Totals for	<b>Maloney,Beverly Ann</b>					<b>\$38,573</b>
<b>Nelson,Tori Lynn</b>								
GF20002	Upward Bound Program	Public Service	U.S. Department of Education	Federal	PI	\$46,017	100	\$46,017
		Totals for	<b>Nelson,Tori Lynn</b>					<b>\$46,017</b>
		Totals for	<b>UNT TRIO</b>					<b>\$134,317</b>
		Totals for	<b>Student Engagement</b>					<b>\$134,317</b>
<b>Toulouse Graduate School</b>								
<i>Toulouse Graduate School - Dean's Office</i>								
<b>Oppong,Joseph R</b>								
GF30026	Graduate Research Fellowship Program	Research	National Science Foundation	Federal	PI	\$2,833	100	\$2,833
		Totals for	<b>Oppong,Joseph R</b>					<b>\$2,833</b>
		Totals for	<b>Toulouse Graduate School - Dean's Office</b>					<b>\$2,833</b>
		Totals for	<b>Toulouse Graduate School</b>					<b>\$2,833</b>
<b>University Library</b>								
<i>Digital Libraries</i>								
<b>Phillips,Mark Edward</b>								
GF70032	Programmatic Extraction of "Documents" from Web Archives	Research	Institute of Museum and Library Services	Federal	PI	\$4,684	100	\$4,684

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	Phillips,Mark Edward					\$4,684
		Totals for	Digital Libraries					\$4,684
<b>Special Libraries</b>								
<b>Gieringer,Morgan Davis</b>								
GP40010	DART Archives Project	Public Service	Dallas Area Rapid Transit	Private	PI	\$2,256	100	\$2,256
		Totals for	Gieringer,Morgan Davis					\$2,256
		Totals for	Special Libraries					\$2,256
<b>University Library - General</b>								
<b>Hawkins,Kevin Scott</b>								
GP20086	Developing a Data Trust for Open Access Ebook Usage	Research	Andrew W. Mellon Foundation	Private	PI	\$22,057	100	\$22,057
		Totals for	Hawkins,Kevin Scott					\$22,057
<b>Phillips,Mark Edward</b>								
GF70014	Texas Digital Newspaper Project, Phase Four	Public Service	National Endowment for the Humanities	Federal	PI	\$7,069	100	\$7,069
		Totals for	Phillips,Mark Edward					\$7,069
		Totals for	University Library - General					\$29,127
		Totals for	University Library					\$36,067
<b>Honors College</b>								
<b>Honors College - Dean's Office</b>								
<b>Caffrey,Kevin Neal</b>								
GF20004	The University of North Texas Ronald E. McNair Postbaccalaureate Achievement Program, 2018-2022	Instruction	U.S. Department of Education	Federal	PI	\$28,249	100	\$28,249
		Totals for	Caffrey,Kevin Neal					\$28,249
		Totals for	Honors College - Dean's Office					\$28,249
		Totals for	Honors College					\$28,249
		Totals for	UNT					\$1,810,038