

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

Expenditures Total by College	June 2019	June 2020	YTD FY2019	YTD FY2020
College of Business	\$ 50,208	\$ 64,534	\$ 364,024	\$ 349,436.77
College of Education	\$ 214,669	\$ 125,168	\$ 2,036,091	\$ 1,378,416.37
College of Engineering	\$ 963,021	\$ 1,250,297	\$ 6,911,821	\$ 8,550,401.52
College of Health & Public Service (prev. PACS)	\$ 248,198	\$ 235,704	\$ 1,376,011	\$ 1,231,193.65
College of Information	\$ 87,212	\$ 112,003	\$ 550,205	\$ 504,221.42
College of Liberal Arts & Social Sciences	\$ 444,424	\$ 186,113	\$ 1,761,033	\$ 968,228.53
College of Merchandising Hospitality and Tourism	\$ 24,579	\$ 14,542	\$ 127,249	\$ 95,425.93
College of Music	\$ -	\$ -	\$ -	\$ 17,922.79
College of Science	\$ 1,136,241	\$ 1,081,591	\$ 6,504,749	\$ 6,494,814.34
College of Visual Arts and Design	\$ -	\$ 71,829	\$ -	\$ 97,210.96
Mayborn School of Journalism	\$ -	\$ -	\$ 800	\$ -
Other	\$ 252,543	\$ 284,118	\$ 2,208,942	\$ 2,264,675
<b>Grand Total:</b>	<b>\$ 3,421,095</b>	<b>\$ 3,425,900</b>	<b>\$ 21,840,926</b>	<b>\$ 21,951,948</b>

**Expenditures Total by Category**

Instruction	\$ 274,803	\$ 144,452.76	\$ 1,940,712	\$ 1,330,368.47
Research	\$ 453,866	\$ 413,526.22	\$ 3,471,011	\$ 3,376,401.93
Public Service	\$ 2,692,426	\$ 2,867,920.69	\$ 16,429,203	\$ 17,245,177.19
<b>Grand Total:</b>	<b>\$ 3,421,095</b>	<b>\$ 3,425,900</b>	<b>\$ 21,840,926</b>	<b>\$ 21,951,948</b>

**Expenditures Total by Source of Funding**

Federal	\$ 2,682,505	\$ 2,311,998.15	\$ 17,030,084	\$ 13,208,972.65
Private	\$ 561,061	\$ 550,399.18	\$ 3,747,721	\$ 3,721,890.08
State	\$ 177,529	\$ 557,393.54	\$ 1,063,121	\$ 4,997,770.70
Other	\$ -	\$ 6,108.80	\$ -	\$ 23,314.16
<b>Grand Total:</b>	<b>\$ 3,421,095</b>	<b>\$ 3,425,900</b>	<b>\$ 21,840,926</b>	<b>\$ 21,951,948</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, June 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	\$10,271	100%	\$10,271
		Totals for	<b>Keller,Marian Jean</b>					<b>\$10,271</b>
		Totals for	<b>Outreach &amp; Recruit U/G Opp</b>					<b>\$10,271</b>
		Totals for	<b>Admissions</b>					<b>\$10,271</b>
<b>College of Business</b>								
<b>Information Technology &amp; Decision Science</b>								
<b>Kim,Dan Jong</b>								
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	Co-PI	(\$1,290)	25%	(\$323)
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	Co-PI	\$75	25%	\$19
		Totals for	<b>Kim,Dan Jong</b>					<b>(\$304)</b>
		Totals for	<b>Information Technology &amp; Decision Science</b>					<b>(\$304)</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	\$70,892	50%	\$35,446
		Totals for	<b>Bomba,Michael Stephen</b>					<b>\$35,446</b>
<b>Niranjan,Suman</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	Co-PI	\$1,036	50%	\$518
	Totals for	<b>Niranjan,Suman</b>						<b>\$518</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	\$70,892	40%	\$28,357
	Totals for	<b>Nowicki,David Richard</b>						<b>\$28,357</b>
<b>Sauser,Brian Joseph</b>								
GP00046	Modeling and Simulation of the Empowerment of the Patient Healthcare Process	Research	StratiFi Health	Private	PI	\$1,036	50%	\$518
	Totals for	<b>Sauser,Brian Joseph</b>						<b>\$518</b>
	Totals for	<b>Marketing &amp; Logistics</b>						<b>\$64,838</b>
	Totals for	<b>College of Business</b>						<b>\$64,534</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	\$6,109	50%	\$3,054
	Totals for	<b>Middlemiss,Wendy</b>						<b>\$3,054</b>
<b>Nichols,Susan Marie</b>								
GA00008	Autism Grant Program - Parent-Directed Treatment	Public Service	Texas Higher Education Coordinating Board	Other	PI	\$6,109	50%	\$3,054
	Totals for	<b>Nichols,Susan Marie</b>						<b>\$3,054</b>
	Totals for	<b>Autism Center</b>						<b>\$6,109</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	\$22,942	50%	\$11,471

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	PI	\$336	50%	\$168
		Totals for	<b>Cartwright,Angie Denise</b>					<b>\$11,639</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	\$22,942	25%	\$5,735
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	Co-PI	\$5,133	25%	\$1,283
		Totals for	<b>Ceballos,Peggy Lorena</b>					<b>\$7,019</b>
<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	\$5,133	25%	\$1,283
		Totals for	<b>Lindo,Natalya Ann</b>					<b>\$1,283</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	\$5,133	50%	\$2,566
		Totals for	<b>Ray,Deanne C</b>					<b>\$2,566</b>
<b>Taylor,Barrett Jay</b>								
GP30021	Re-investing for opportunity: Estimating the degree returns to targeted state-support to higher education in the Midwest	Research	Michigan State University	Private	PI	\$4,256	100%	\$4,256
		Totals for	<b>Taylor,Barrett Jay</b>					<b>\$4,256</b>
		Totals for	<b>Counseling &amp; Higher Education</b>					<b>\$26,763</b>
<b>Educational Psychology</b>								
<b>Hull,Darrell</b>								
GF40098	Texas HIPPYCorps	Public Service	OneStar National Service Commission	Federal	Co-PI	(\$149)	20%	(\$30)
GF40128	OneStar Recompete 2019 AmeriCorps HIPPY	Public Service	OneStar National Service Commission	Federal	Co-PI	\$47,253	50%	\$23,627
		Totals for	<b>Hull,Darrell</b>					<b>\$23,597</b>
<b>Middlemiss,Wendy</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40098	Texas HIPYP Corps	Public Service	OneStar National Service Commission	Federal	PI	(\$149)	80%	(\$119)
GF40128	OneStar Recompete 2019 AmeriCorps HIPYP	Public Service	OneStar National Service Commission	Federal	PI	\$47,253	50%	\$23,627
GF40146	University of North Texas COVID-19 Planning Grant	Public Service	OneStar National Service Commission	Federal	PI	\$3,790	100%	\$3,790
	Totals for	<b>Middlemiss,Wendy</b>						<b>\$27,298</b>
	Totals for	<b>Educational Psychology</b>						<b>\$50,894</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	\$150	90%	\$135
	Totals for	<b>Collins Jr,John R</b>						<b>\$135</b>
<b>Martin,Scott B</b>								
GP20021	Girls in the Game - Teen Squad	Instruction	Girls in the Game	Private	Co-PI	\$150	10%	\$15
	Totals for	<b>Martin,Scott B</b>						<b>\$15</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	\$8,393	18%	\$1,511
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	PI	\$13	68.5%	\$9
	Totals for	<b>McFarlin,Brian Keith</b>						<b>\$1,519</b>
<b>Olson,Ryan Lee</b>								
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	Co-PI	\$13	10%	\$1
	Totals for	<b>Olson,Ryan Lee</b>						<b>\$1</b>
<b>Vingren,Jakob Langberg</b>								
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	Co-PI	\$13	13.5%	\$2
	Totals for	<b>Vingren,Jakob Langberg</b>						<b>\$2</b>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount	
		Totals for	<b>Kinesiology, Health Promotion, &amp; Recreation</b>						<b>\$1,672</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	\$39,816	50%	\$19,908	
		Totals for	<b>Boyd,Rossana R</b>						<b>\$19,908</b>
<b>Eddy,Colleen M</b>									
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	PI	(\$100)	51%	(\$51)	
		Totals for	<b>Eddy,Colleen M</b>						<b>(\$51)</b>
<b>Gonzalez-Carriedo,Ricardo</b>									
GF20003	Success in Language and Literacy Instruction	Instruction	U.S. Department of Education	Federal	Co-PI	\$39,816	50%	\$19,908	
		Totals for	<b>Gonzalez-Carriedo,Ricardo</b>						<b>\$19,908</b>
<b>Harrell,Pamela Esprivalo</b>									
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	Co-PI	(\$100)	35%	(\$35)	
		Totals for	<b>Harrell,Pamela Esprivalo</b>						<b>(\$35)</b>
		Totals for	<b>Teacher Education &amp; Administration</b>						<b>\$39,730</b>
		Totals for	<b>College of Education</b>						<b>\$125,168</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	\$14,959	10%	\$1,496	
		Totals for	<b>Albert,Mark Vincent</b>						<b>\$1,496</b>
<b>Yang,Yong</b>									
GF30045	UNS: Nanotopographical Memory Modulates Stem Cell Fate	Research	National Science Foundation	Federal	PI	\$33,490	100%	\$33,490	
		Totals for	<b>Yang,Yong</b>						<b>\$33,490</b>
<b>Zhu,Donghui</b>									
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	Co-PI	\$16,002	30%	\$4,801	

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Zhu,Donghui</b>					<b>\$4,801</b>
		Totals for	<b>Biomedical Engineering</b>					<b>\$39,786</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	\$423,682	100	\$423,682
		Totals for	<b>Dahotre,Narendra B</b>					<b>\$423,682</b>
		Totals for	<b>Center for Agile &amp; Adaptive Additive Manufacturing (CAAAM)</b>					<b>\$423,682</b>
<b>Computer Science &amp; Engineering</b>								
<b>Akl,Robert</b>								
GP6447	Membership Fees: IUCRC Net Centric Software and Systems	Research	Generic Pooled Sponsor	Private	Co-PI	\$16,527	20%	\$3,305
		Totals for	<b>Akl,Robert</b>					<b>\$3,305</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	\$14,959	90%	\$13,463
		Totals for	<b>Albert,Mark Vincent</b>					<b>\$13,463</b>
<b>Bhowmick,Sanjukta</b>								
GF30063	SANDY: Sparsification-Based Approach for Analyzing Network Dynamics	Research	National Science Foundation	Federal	PI	\$2,737	100%	\$2,737
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	\$5,085	100%	\$5,085
		Totals for	<b>Bhowmick,Sanjukta</b>					<b>\$7,821</b>
<b>Blanco,Eduardo</b>								
GF30061	CAREER: Understanding Negation in Positive Terms	Research	National Science Foundation	Federal	PI	\$20,874	100%	\$20,874
GF40152	Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum	Research	Georgia State University	Federal	PI	\$3,197	100%	\$3,197
GF70072	Mining Spatiotemporal Knowledge from Language and Images	Research	National Geospatial-Intelligence Agency	Federal	PI	\$3,197	100%	\$3,197

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Blanco,Eduardo</b>					<b>\$27,268</b>
<b>Bryce,Renee Cathryn</b>								
GF30044	REU Site: Software Assurance and Security in Emerging Technologies: Research Experience for Undergraduates	Research	National Science Foundation	Federal	PI	\$87,218	100%	\$87,218
		Totals for	<b>Bryce,Renee Cathryn</b>					<b>\$87,218</b>
<b>Dantu,Ramanamurthy</b>								
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	PI	(\$1,290)	50%	(\$645)
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	PI	\$75	50%	\$38
GF30012	EAGER: Transformative Emergency Dispatch Protocols for a Sixty Second Response	Research	National Science Foundation	Federal	PI	\$32,916	100%	\$32,916
		Totals for	<b>Dantu,Ramanamurthy</b>					<b>\$32,309</b>
<b>Fu,Song</b>								
GF30011	CSR: Medium: Collaborative Research: Wizard: Exploiting Disk Performance Signatures For Cost Effective Management of Large Scale Storage Systems	Research	National Science Foundation	Federal	PI	\$16,527	100%	\$16,527
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federal	Co-PI	\$40,411	15%	\$6,062
GF30058	REU Site: Vehicular Edge Computing and Security: Research Experience for Undergraduates	Research	National Science Foundation	Federal	PI	\$4,298	50%	\$2,149
GF40079	Exploring Declustered RAID and Proactive Data Protection to Develop Always-On HPC Storage Systems	Research	Los Alamos National Laboratory	Federal	PI	\$5,550	100%	\$5,550
		Totals for	<b>Fu,Song</b>					<b>\$30,288</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



Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount	
		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	\$22,470	100%	\$22,470	
		Totals for	<b>Jin,Wei</b>						<b>\$22,470</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	\$40,411	65%	\$26,267	
GP20085	EMPOWER: High-Performance, Low-Power and Fully Programmable Neural Network Architecture	Research	Semiconductor Research Corporation	Private	PI	\$2,822	50%	\$1,411	
GP6447	Membership Fees: IUCRC Net Centric Software and Systems	Research	Generic Pooled Sponsor	Private	PI	\$16,527	80%	\$13,222	
		Totals for	<b>Kavi,Krishna M</b>						<b>\$40,899</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	\$26,588	22%	\$5,849	
		Totals for	<b>Ludi,Stephanie Ann</b>						<b>\$5,849</b>
<b>Mikler,Armin R</b>									
GF40127	Development and deployment of computational methods to facilitate response planning for POD placement and distribution of Medical Counter Measures from Regional RSS sites to PODs in Texas DSHS Region 6/5S	Research	Texas Department of State Health Service	Federal	PI	\$857	50%	\$429	
GF40133	LA-County Web-REPLAN	Public Service	Los Angeles County	Federal	PI	\$4,246	50%	\$2,123	
		Totals for	<b>Mikler,Armin R</b>						<b>\$2,552</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	\$30,743	40%	\$12,297	
		Totals for	<b>Mohanty,Saraju</b>						<b>\$12,297</b>

**Pottathuparambil,Robin Jacob**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40116	Explore STEM!	Public Service	Texas Workforce Commission	Federal	Co-PI	\$19,236	33%	\$6,348
		Totals for	<b>Pottathuparambil,Robin Jacob</b>					<b>\$6,348</b>
<b>Yang,Qing</b>								
GF30058	REU Site: Vehicular Edge Computing and Security: Research Experience for Undergraduates	Research	National Science Foundation	Federal	Co-PI	\$4,298	50%	\$2,149
		Totals for	<b>Yang,Qing</b>					<b>\$2,149</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	\$40,411	20%	\$8,082
		Totals for	<b>Zhao,Hui</b>					<b>\$8,082</b>
		Totals for	<b>Computer Science &amp; Engineering</b>					<b>\$303,730</b>
<b>Electrical Engineering</b>								
<b>Fu,Shengli</b>								
GF30031	CI-NEW: Collaborative Research: Developing an Open Networked Airborne Computing Platform	Research	National Science Foundation	Federal	PI	\$2,877	100%	\$2,877
GF40131	CAREER: Co-Design of Networking and Decentralized Control to Enable Aerial Networks in an Uncertain Airspace	Research	University of Texas at Arlington	Federal	PI	\$2,673	100%	\$2,673
		Totals for	<b>Fu,Shengli</b>					<b>\$5,550</b>
<b>Kaul,Anupama Bhat</b>								
GF30039	EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays	Research	National Science Foundation	Federal	PI	\$4,325	20%	\$865
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	\$11,608	16%	\$1,857
		Totals for	<b>Kaul,Anupama Bhat</b>					<b>\$2,722</b>
<b>Lin,Yuankun</b>								
GF30032	Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Research	National Science Foundation	Federal	PI	\$16,636	25%	\$4,159

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Lin,Yuankun</b>					<b>\$4,159</b>
<b>Mahbub,Ifana</b>								
GF30082	High Surface Area Reverse Electrowetting Mechano-electrical Transduction	Research	National Science Foundation	Federal	PI	\$6,920	100%	\$6,920
GF30084	CAREER: Next Generation of Wirelessly Powered Implantable Neuromodulation and Electrophysiological Recording System for Long-term Behavior Study of Freely-Moving Animals	Research	National Science Foundation	Federal	PI	\$2,542	100%	\$2,542
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	\$11,608	20%	\$2,322
		Totals for	<b>Mahbub,Ifana</b>					<b>\$11,783</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	(\$12,175)	100%	(\$12,175)
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	Co-PI	\$16,002	30%	\$4,801
		Totals for	<b>Mehta,Gayatri</b>					<b>(\$7,375)</b>
		Totals for	<b>Electrical Engineering</b>					<b>\$16,840</b>
<b>Engineering Technology</b>								
<b>Anaya,Leticia H</b>								
GS80012	NPI-UNT Partnership on Research Experiences and Outreach Programs	Instruction	Texas A & M Engineering Experiment Station	State	Co-PI	\$20,822	25%	\$5,205
		Totals for	<b>Anaya,Leticia H</b>					<b>\$5,205</b>
<b>Bostanci,Huseyin</b>								
GF40124	Microgravity Gas-Liquid Separator for the Liquid Amine CO2 Removal System	Research	National Space Grant Foundation	Federal	PI	\$258	100%	\$258
GS80012	NPI-UNT Partnership on Research Experiences and Outreach Programs	Instruction	Texas A & M Engineering Experiment Station	State	PI	\$20,822	50%	\$10,411
		Totals for	<b>Bostanci,Huseyin</b>					<b>\$10,669</b>
<b>Huang,Zhenhua</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40142	CIF21 DIBBS: EI: VIFI: Virtual Information-Fabric Infrastructure (VIFI) for Data-Driven Decisions from Distributed Data	Research	Cleveland State University	Federal	PI	\$8,550	100%	\$8,550
	Totals for	<b>Huang,Zhenhua</b>						<b>\$8,550</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	\$30,743	30%	\$9,223
	Totals for	<b>Kougianos,Elias</b>						<b>\$9,223</b>
<b>Manzo,Maurizio</b>								
GP20070	Design, manufacture and testing of optical sensing systems-based spectroscopy for engineering technology curricula	Research	American Society for Engineering Education	Private	PI	(\$23)	100%	(\$23)
GS80012	NPI-UNT Partnership on Research Experiences and Outreach Programs	Instruction	Texas A & M Engineering Experiment Station	State	Co-PI	\$20,822	25%	\$5,205
	Totals for	<b>Manzo,Maurizio</b>						<b>\$5,183</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	\$5,964	20%	\$1,193
	Totals for	<b>Nasrazadani,Seifollah</b>						<b>\$1,193</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	\$70,892	10%	\$7,089
	Totals for	<b>Nowicki,David Richard</b>						<b>\$7,089</b>
<b>Siller Carrillo,Hector Rafael</b>								
GP00054	Walkway Safety Research and Biomimetic Surfaces Development	Research	Walkway Management Group	Private	PI	\$2,737	100%	\$2,737
	Totals for	<b>Siller Carrillo,Hector Rafael</b>						<b>\$2,737</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	\$5,964	20%	\$1,193
GP00058	Equivalent Section Properties of Cold-Formed Steel Members	Research	Hilti Inc.	Private	PI	\$564	100%	\$564
GP00067	Analysis of Nucor Bolted Connections for Cold-Formed Steel	Research	Nucor Buildings Group	Private	PI	\$1,009	100%	\$1,009
	Totals for	<b>Yu,Cheng</b>						<b>\$2,766</b>
	Totals for	<b>Engineering Technology</b>						<b>\$52,615</b>

### Materials Science & Engineering

#### Acevedo,Miguel F

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	\$13,025	100%	\$13,025
	Totals for	<b>Acevedo,Miguel F</b>						<b>\$13,025</b>

#### Aouadi,Samir M

GF70058	Materials for Internal Combustion Engines	Research	US Army Research Laboratory	Federal	PI	\$760	27.2%	\$207
GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,737	26.67%	\$730
	Totals for	<b>Aouadi,Samir M</b>						<b>\$937</b>

#### Banerjee,Rajarshi

GF30070	Collaborative Research: Fine Scale Alpha Precipitation and Resulting Deformation Mechanisms in Titanium Alloys	Research	National Science Foundation	Federal	PI	\$10,412	100%	\$10,412
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	Federal	Co-PI	\$27,209	50%	\$13,605
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	\$12,820	100%	\$12,820

<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	\$11,401	12%	\$1,368
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$65	47%	\$30
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,698	25%	\$675
GF70065	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,266	50%	\$1,133
		Totals for	<b>Banerjee,Rajarshi</b>					<b>\$40,043</b>
<b>Berman,Diana</b>								
GF70058	Materials for Internal Combustion Engines	Research	US Army Research Laboratory	Federal	Co-PI	\$760	33%	\$251
GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,737	33.33%	\$912
GF70069	Design of gas sensing system	Research	Argonne National Laboratory	Federal	PI	\$50	100%	\$50
GP00051	Materials Characterizations for Sensing Applications	Research	Honeywell International Inc.	Private	PI	\$12,893	100%	\$12,893
		Totals for	<b>Berman,Diana</b>					<b>\$14,107</b>
<b>Choi,Wonbong</b>								
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	PI	\$16,002	32%	\$5,121
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research and Development	Federal	PI	\$16,244	80%	\$12,995
GP50009	Development of surface stabilized Zn-anode in Zn-air battery	Research	Korea Institute of Industrial Technology	Private	PI	\$2,610	80%	\$2,088
		Totals for	<b>Choi,Wonbong</b>					<b>\$20,203</b>

**Dahotre,Narendra 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>
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	\$5,964	20%	\$1,193
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	\$11,401	9%	\$1,026
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$65	47%	\$30
GF70048	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$258	0%	\$0
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,698	25%	\$675
GF70065	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$2,266	50%	\$1,133
		Totals for	<b>Dahotre,Narendra B</b>					<b>\$4,057</b>
<b>D'Souza,Francis</b>								
GF30091	CAS: Near-IR Absorbing Intramolecular Charge Transfer Complexes: Syntheses, Symmetry-Breaking Charge Transfer, and Charge Transfer Reversal by External Stimuli	Research	National Science Foundation	Federal	PI	\$7,266	20%	\$1,453
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Federal	Co-PI	\$71,806	8%	\$5,745
		Totals for	<b>D'Souza,Francis</b>					<b>\$7,198</b>
<b>D'Souza,Nandika Anne</b>								
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Federal	PI	\$3,197	20%	\$639
		Totals for	<b>D'Souza,Nandika Anne</b>					<b>\$639</b>
<b>Du,Jincheng</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF1738	GOALI:COLLABORATIVE RESEARCH: Understanding Composition Structure-Chemical Durability Relationships in Multicomponent Oxide Glasses: Influence of Mixed Network Former	Research	National Science Foundation	Federal	PI	\$29,301	100%	\$29,301
GF40047	Center for Performance and Design of Nuclear Waste Forms and Containers (WastePD)	Research	The Ohio State University	Federal	PI	\$16,109	100%	\$16,109
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	\$11,401	8%	\$912
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>\$54,154</b>
<b>Kaul,Anupama Bhat</b>								
GF30039	EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays	Research	National Science Foundation	Federal	PI	\$4,325	80%	\$3,460
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	\$11,608	64%	\$7,429
		Totals for	<b>Kaul,Anupama Bhat</b>					<b>\$10,889</b>
<b>Mishra,Rajiv Sharan</b>								
GF40123	Enhanced Lower Cost Tooling for Friction Stir Technologies	Research	QuesTek Innovations LLC	Federal	PI	\$31,978	100%	\$31,978
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	\$11,401	15%	\$1,710
GF70048	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$258	100%	\$258
GF70061	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$4,541	100%	\$4,541



<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>
GF70062	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$4,734	100%	\$4,734
GF70066	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$1,111	100%	\$1,111
GF70067	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$20,855	100%	\$20,855
		Totals for	<b>Mishra,Rajiv Sharan</b>					<b>\$65,187</b>
<b>Mukherjee,Sundeep</b>								
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High-Performance Electrocatalysts	Research	National Science Foundation	Federal	PI	\$12,441	90%	\$11,197
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federal	PI	\$11,133	80%	\$8,906
GF30075	PFI-TT: Next Generation Fuel Cell Catalysts for Efficient Energy Conversion	Research	National Science Foundation	Federal	PI	\$27,381	100%	\$27,381
GF40119	US-India Partnership for Manufacturing of Advanced Metallic Bio-implants and Local Economic Development	Research	University of Nebraska at Omaha	Federal	PI	\$16,720	100%	\$16,720
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	\$5,964	20%	\$1,193
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	\$11,401	8%	\$912
		Totals for	<b>Mukherjee,Sundeep</b>					<b>\$66,310</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	\$11,401	8%	\$912
		Totals for	<b>Reidy III,Richard F</b>					<b>\$912</b>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount	
<b>Scharf,Thomas W</b>									
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	Federal	PI	\$27,209	50%	\$13,605	
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	\$11,401	8%	\$912	
		Totals for	<b>Scharf,Thomas W</b>						<b>\$14,517</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	\$11,401	8%	\$912	
		Totals for	<b>Srivilliputhur,Srinivasan G</b>						<b>\$912</b>
<b>Voevodin,Andrey Aleksejevich</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	\$11,401	4%	\$456	
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$65	6%	\$4	
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$2,698	50%	\$1,349	
GF70058	Materials for Internal Combustion Engines	Research	US Army Research Laboratory	Federal	Co-PI	\$760	33%	\$251	
		Totals for	<b>Voevodin,Andrey Aleksejevich</b>						<b>\$2,060</b>
<b>Xia,Zhenhai</b>									
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High-Performance Electrocatalysts	Research	National Science Foundation	Federal	Co-PI	\$12,441	8%	\$995	
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Federal	PI	\$30,632	80%	\$24,506	

<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>
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federal	Co-PI	\$11,133	16%	\$1,781
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	\$11,401	6.4%	\$730
		Totals for	<b>Xia,Zhenhai</b>					<b>\$28,012</b>
<b>Young,Marcus Lynn</b>								
GF40063	Adaptive Aerostructures for Revolutionary Civil Supersonic Technologies Development	Research	Texas A & M Engineering Experiment Station	Federal	PI	\$11,730	100%	\$11,730
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	\$11,401	8%	\$912
GF70063	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$3,899	100%	\$3,899
GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	\$2,737	33.34%	\$912
GF70070	Thermo-mechanical Studies on NiTi-based High Temperature Shape Memory Alloys	Research	National Aeronautics & Space Administration	Federal	PI	\$3,630	100%	\$3,630
GF70074	Mechanical and Microstructural Study of Welded Steels	Research	National Energy Technology Laboratory (NETL)	Federal	PI	\$3,899	100%	\$3,899
GP00017	Characterization of Pb-based Batteries	Research	RSR Technologies, Inc.	Private	PI	\$7,429	100%	\$7,429
		Totals for	<b>Young,Marcus Lynn</b>					<b>\$32,412</b>
		Totals for	<b>Materials Science &amp; Engineering</b>					<b>\$375,575</b>

***Mechanical & Energy Engineering***

**Choi,Tae-Youl**

<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>
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	\$38,369	20%	\$7,674
GF30073	Thermal Conductivity and Diffusivity of Human Cells as Biomarkers in Early-Stage Ovarian Cancer Detection	Research	National Science Foundation	Federal	PI	\$6,852	80%	\$5,481
	Totals for	<b>Choi,Tae-Youl</b>						<b>\$13,155</b>
<b>Choi,Wonbong</b>								
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	PI	\$16,002	8%	\$1,280
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research and Development	Federal	PI	\$16,244	20%	\$3,249
GP50009	Development of surface stabilized Zn-anode in Zn-air battery	Research	Korea Institute of Industrial Technology	Private	PI	\$2,610	20%	\$522
	Totals for	<b>Choi,Wonbong</b>						<b>\$5,051</b>
<b>D'Souza,Nandika Anne</b>								
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Federal	PI	\$3,197	80%	\$2,558
	Totals for	<b>D'Souza,Nandika Anne</b>						<b>\$2,558</b>
<b>Jiang,Yijie</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	\$11,401	0%	\$0
	Totals for	<b>Jiang,Yijie</b>						<b>\$0</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	\$6,906	50%	\$3,453
	Totals for	<b>Shi,Sheldon Qiang</b>						<b>\$3,453</b>
<b>Simmons,Denise Perry</b>								

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	Co-PI	\$6,852	20%	\$1,370
		Totals for	<b>Simmons,Denise Perry</b>					<b>\$1,370</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	\$5,964	20%	\$1,193
GF40140	Smart Multimodal Acousto-optic Sensors for Integrated Measurement of Advanced Reactor Process Parameters	Research	Pacific Northwest National Laboratory	Federal	PI	\$7,836	100%	\$7,836
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	\$6,906	50%	\$3,453
		Totals for	<b>Zhang,Haifeng</b>					<b>\$12,482</b>
		Totals for	<b>Mechanical &amp; Energy Engineering</b>					<b>\$38,069</b>
		Totals for	<b>College of Engineering</b>					<b>\$1,250,297</b>

**College of Health & Public Service**

***Anthropology***

**Dracobly,Joseph Daniel**

GS00037	Behavior Analysis Resource Center: Positive Behavior Management and Support Workshop	Public Service	Texas Health and Human Services Commission	State	PI	\$605	100%	\$605
		Totals for	<b>Dracobly,Joseph Daniel</b>					<b>\$605</b>
		Totals for	<b>Anthropology</b>					<b>\$605</b>

***Audiology & Speech - Language Pathology***

**Schafer,Erin Cheri**

GP00042	Auditory Processing Research	Research	Sonova USA Inc.	Private	PI	\$5,678	100%	\$5,678
		Totals for	<b>Schafer,Erin Cheri</b>					<b>\$5,678</b>
		Totals for	<b>Audiology &amp; Speech - Language Pathology</b>					<b>\$5,678</b>

***Behavior Analysis***

**Dracobly,Joseph Daniel**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
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	\$27,049	100%	\$27,049
GS00034	Efficient Functional Assessment Process	Public Service	Texas Health and Human Services Commission	State	PI	\$8,190	100%	\$8,190
Totals for		<b>Dracobly,Joseph Daniel</b>						<b>\$35,239</b>
Totals for		<b>Behavior Analysis</b>						<b>\$35,239</b>

***Communication & Professional Programs - General***

**Baker,Cassidy Ann**

GF40122	Title IV-E Training Program	Instruction	Texas Department of Family & Protective Services	Federal	PI	\$13,744	100%	\$13,744
Totals for		<b>Baker,Cassidy Ann</b>						<b>\$13,744</b>
Totals for		<b>Communication &amp; Professional Programs - General</b>						<b>\$13,744</b>

***Disability & Addiction Rehabilitation***

**Carey,Chandra Donnell**

GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administration	Federal	Co-PI	\$22,942	25%	\$5,735
GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	Co-PI	\$336	50%	\$168
GS00028	Health Community Collaborative Learning Community	Public Service	Texas Health and Human Services Commission	State	Co-PI	\$24,667	50%	\$12,333
Totals for		<b>Carey,Chandra Donnell</b>						<b>\$18,237</b>

**Catalano,Denise Ellen**

GF0618	Long-Term Training: Rehabilitation Counseling	Public Service	U.S. Department of Education	Federal	PI	\$80,735	100%	\$80,735
GF20006	Long term training program in rehabilitation counseling 84.129B	Instruction	U.S. Department of Education	Federal	PI	\$6,037	60%	\$3,622
Totals for		<b>Catalano,Denise Ellen</b>						<b>\$84,357</b>

**Gafford,Lucy Victoria**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40116	Explore STEM!	Public Service	Texas Workforce Commission	Federal	PI	\$19,236	67%	\$12,888
	Totals for	<b>Gafford,Lucy Victoria</b>						<b>\$12,888</b>
<b>Ingman,Stanley Rusk</b>								
GF40135	Meharry Subcontract ImPact Tribal Consortium (ITC)	Research	Meharry Medical College	Federal	PI	\$4,771	50%	\$2,385
	Totals for	<b>Ingman,Stanley Rusk</b>						<b>\$2,385</b>
<b>Levingston,Brandi Darensbourg</b>								
GF20006	Long term training program in rehabilitation counseling 84.129B	Instruction	U.S. Department of Education	Federal	Co-PI	\$6,037	40%	\$2,415
	Totals for	<b>Levingston,Brandi Darensbourg</b>						<b>\$2,415</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	\$30,743	30%	\$9,223
GF40135	Meharry Subcontract ImPact Tribal Consortium (ITC)	Research	Meharry Medical College	Federal	Co-PI	\$4,771	50%	\$2,385
	Totals for	<b>Mpofu,Elias</b>						<b>\$11,608</b>
<b>Sharma,Rachita</b>								
GS00036	ATTC 2020	Research	University of Texas at Austin	State	PI	\$2,793	100%	\$2,793
	Totals for	<b>Sharma,Rachita</b>						<b>\$2,793</b>
<b>Watts,Justin Robert</b>								
GP30007	University of North Texas R.E.A.L Choices Program	Public Service	National Collegiate Athletic Association	Private	PI	\$16	100%	\$16
	Totals for	<b>Watts,Justin Robert</b>						<b>\$16</b>
	Totals for	<b>Disability &amp; Addiction Rehabilitation</b>						<b>\$134,699</b>
<b>Emergency Management &amp; Disaster Science</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	\$17,263	100%	\$17,263
	Totals for	<b>Siebeneck,Laura Kathryn</b>						<b>\$17,263</b>
<b>Wu,Hao-Che</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30090	Collaborative Research: An Examination of Household Risk Assessment Judgments and Protective Action Decision during Tornado Threats	Research	National Science Foundation	Federal	PI	\$16,142	100%	\$16,142
	Totals for	<b>Wu,Hao-Che</b>						<b>\$16,142</b>
	Totals for	<b>Emergency Managementt &amp; Disaster Science</b>						<b>\$33,405</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	\$24,667	50%	\$12,333
	Totals for	<b>Benavides,Abraham David</b>						<b>\$12,333</b>
	Totals for	<b>Public Administration</b>						<b>\$12,333</b>
	Totals for	<b>College of Health &amp; Public Service</b>						<b>\$235,704</b>
<b>College of Information</b>								
<b>Information Science</b>								
<b>Chen,Jiangping</b>								
GF30059	REU Site: Data Analytics and Information Retrieval	Research	National Science Foundation	Federal	Co-PI	\$44,469	50%	\$22,234
	Totals for	<b>Chen,Jiangping</b>						<b>\$22,234</b>
<b>Ding,Junhua</b>								
GF30059	REU Site: Data Analytics and Information Retrieval	Research	National Science Foundation	Federal	PI	\$44,469	50%	\$22,234
GP00068	Data Science Research and Application Development	Research	Source InfoTech, Inc.	Private	PI	\$2,500	100%	\$2,500
	Totals for	<b>Ding,Junhua</b>						<b>\$24,734</b>
<b>Hawamdeh,Suliman M</b>								
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	Co-PI	(\$1,290)	25%	(\$323)
GF1718	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	Co-PI	\$75	25%	\$19
	Totals for	<b>Hawamdeh,Suliman M</b>						<b>(\$304)</b>



Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
<b>Zavalina,Oksana Lvivna</b>								
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Services	Federal	PI	\$2,948	33.34%	\$983
		Totals for	<b>Zavalina,Oksana Lvivna</b>					<b>\$983</b>
		Totals for	<b>Information Science</b>					<b>\$47,647</b>
<b>Learning Technologies</b>								
<b>Christensen,Rhonda R</b>								
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal	Co-PI	\$41,676	33%	\$13,753
GP20073	Research and Evaluation for Hawaii STEM Pre-Academy	Research	Research Corporation of the University of Hawaii	Private	Co-PI	\$4,244	50%	\$2,122
		Totals for	<b>Christensen,Rhonda R</b>					<b>\$15,875</b>
<b>Knezek,Gerald</b>								
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal	PI	\$41,676	34%	\$14,170
GP20073	Research and Evaluation for Hawaii STEM Pre-Academy	Research	Research Corporation of the University of Hawaii	Private	PI	\$4,244	50%	\$2,122
		Totals for	<b>Knezek,Gerald</b>					<b>\$16,292</b>
<b>Parsons,Thomas David</b>								
GF40139	Virtual Reality-Based Assessment of Functional Capacities in Individuals with Alzheimer's Disease or Alzheimer's Disease Related Dementia	Research	The University of Texas at Tyler	Federal	PI	\$12,047	100%	\$12,047
		Totals for	<b>Parsons,Thomas David</b>					<b>\$12,047</b>
<b>Tyler-Wood,Tandra L</b>								
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal	Co-PI	\$41,676	33%	\$13,753
		Totals for	<b>Tyler-Wood,Tandra L</b>					<b>\$13,753</b>
		Totals for	<b>Learning Technologies</b>					<b>\$57,968</b>

**Linguistics**

**Chelliah,Shobhana L**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Services	Federal	Co-PI	\$2,948	33.33%	\$983
	Totals for	<b>Chelliah,Shobhana L</b>						<b>\$983</b>
<b>Munshi,Sadaf</b>								
GF30057	Investigation of Tonogenesis and Consonant Inventories Through Language Documentation	Research	National Science Foundation	Federal	PI	\$5,405	100%	\$5,405
	Totals for	<b>Munshi,Sadaf</b>						<b>\$5,405</b>
	Totals for	<b>Linguistics</b>						<b>\$6,388</b>
	Totals for	<b>College of Information</b>						<b>\$112,003</b>
<b>College of Liberal Arts &amp; Social Sciences</b>								
<b>Communication Studies</b>								
<b>Ahmed,Iftekhhar</b>								
GF4245	GECAT- Global Initiative to Enhance @ Scale and Distributed Computing and Analysis Technologies to Address Grand Challenge Problems Around the World	Research	University of Illinois at Urbana-Champaign	Federal	PI	\$6,702	100%	\$6,702
	Totals for	<b>Ahmed,Iftekhhar</b>						<b>\$6,702</b>
	Totals for	<b>Communication Studies</b>						<b>\$6,702</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	(\$514)	50%	(\$257)
	Totals for	<b>Oppong,Joseph R</b>						<b>(\$257)</b>
<b>Ponette,Alexandra Gisela</b>								
GF30000	CAREER: Intra-Urban Variability in Black Carbon Deposition: Rates, Pathways, and Determinants	Research	National Science Foundation	Federal	PI	\$19,037	100%	\$19,037
	Totals for	<b>Ponette,Alexandra Gisela</b>						<b>\$19,037</b>
	Totals for	<b>Geography</b>						<b>\$18,780</b>
<b>History</b>								
<b>Moran,Rachel Louise</b>								
GF30068	A History of the Definition and Diagnosis of Postpartum Depression	Research	National Science Foundation	Federal	PI	\$1,873	100%	\$1,873

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Moran,Rachel Louise</b>					<b>\$1,873</b>
		Totals for	<b>History</b>					<b>\$1,873</b>
<b>Political Science</b>								
<b>Hensel,Paul Richard</b>								
GF2707	Identity Claims: Expanding the Issue Correlates of War (ICOW) Dataset	Research	U.S. Office of Naval Research	Federal	PI	\$14,719	100%	\$14,719
		Totals for	<b>Hensel,Paul Richard</b>					<b>\$14,719</b>
<b>Ishiyama,John T</b>								
GF30019	NSF REU program on Conflict Management and Peace Science	Research	National Science Foundation	Federal	PI	(\$514)	50%	(\$257)
		Totals for	<b>Ishiyama,John T</b>					<b>(\$257)</b>
		Totals for	<b>Political Science</b>					<b>\$14,462</b>
<b>Psychology</b>								
<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	\$799	80%	\$639
GF00012	Effect of Trauma-Related Stress During Acute Alcohol Intoxication on Driving-Related Risky Decision-Making	Research	National Institutes of Health	Federal	PI	\$3,267	100%	\$3,267
		Totals for	<b>Blumenthal,Heidemarie</b>					<b>\$3,907</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	\$33,156	50%	\$16,578
GS00031	UNT Clinical Psychology Academic-Clinical Partnerships	Research	Texas Higher Education Coordinating Board	State	PI	\$28,451	50%	\$14,226
		Totals for	<b>Callahan,Jennifer Lynn</b>					<b>\$30,804</b>
<b>Hook,Joshua Nord</b>								
GP30018	Using Intellectual Humility to Navigate Existential Issues	Research	Hope College	Private	PI	\$8,891	100%	\$8,891
		Totals for	<b>Hook,Joshua Nord</b>					<b>\$8,891</b>
<b>Kelly,Kimberly S</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>
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	PI	\$11,637	80%	\$9,310
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	PI	\$26,654	80%	\$21,323
	Totals for	<b>Kelly, Kimberly S</b>						<b>\$30,633</b>
<b>Riggs, Shelley Ann</b>								
GF70076	Adaption, Refinement, and Open Trial of Parent Training for Veterans with PTSD, Strength at Home-Parents Pilot	Research	U.S. Department of Veterans Affairs	Federal	PI	\$6,906	100%	\$6,906
	Totals for	<b>Riggs, Shelley Ann</b>						<b>\$6,906</b>
<b>Ruggero, Camilo</b>								
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	Co-PI	\$11,637	20%	\$2,327
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	Co-PI	\$26,654	20%	\$5,331
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal	Co-PI	\$799	5%	\$40
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	\$33,156	50%	\$16,578
GF40126	Personality-informed Care Model for 9/11-related Comorbid Conditions	Research	Stony Brook University	Federal	PI	\$9,646	100%	\$9,646
GS00031	UNT Clinical Psychology Academic-Clinical Partnerships	Research	Texas Higher Education Coordinating Board	State	Co-PI	\$28,451	50%	\$14,226
	Totals for	<b>Ruggero, Camilo</b>						<b>\$48,148</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	\$799	15%	\$120
	Totals for	<b>Taylor, Daniel</b>						<b>\$120</b>
	Totals for	<b>Psychology</b>						<b>\$129,407</b>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
<b>Technical Communication</b>								
<b>Boettger,Ryan K</b>								
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal	PI	\$26,588	56%	\$14,889
Totals for		<b>Boettger,Ryan K</b>						<b>\$14,889</b>
Totals for		<b>Technical Communication</b>						<b>\$14,889</b>
Totals for		<b>College of Liberal Arts &amp; Social Sciences</b>						<b>\$186,113</b>
<b>College of Merchandising, Hospitality &amp; Tourism</b>								
<b>Merchandising &amp; Digital Retailing</b>								
<b>Kim,JiYoung</b>								
GP20090	Rethinking Cotton Learning: Innovation Through Collaboration	Instruction	Cotton Incorporated	Private	PI	\$13,687	50%	\$6,844
Totals for		<b>Kim,JiYoung</b>						<b>\$6,844</b>
<b>Xu,Bugao</b>								
GP20013	On-Loom Fabric Defect Inspection Using Contact Image Sensors	Research	Wal-mart Foundation, Inc.	Private	PI	\$5,220	100%	\$5,220
GP20084	Dual-beard Fibrography for Cotton Length Distribution Measurement	Research	Cotton Incorporated	Private	PI	\$1,794	100%	\$1,794
GP20090	Rethinking Cotton Learning: Innovation Through Collaboration	Instruction	Cotton Incorporated	Private	Co-PI	\$13,687	5%	\$684
Totals for		<b>Xu,Bugao</b>						<b>\$7,699</b>
Totals for		<b>Merchandising &amp; Digital Retailing</b>						<b>\$14,542</b>
Totals for		<b>College of Merchandising, Hospitality &amp; Tourism</b>						<b>\$14,542</b>
<b>College of Science</b>								
<b>Advanced Environmental Research</b>								
<b>Atkinson,Samuel F</b>								
GP40015	Aquatic Macrophyte Restoration Project	Research	City of Austin	Private	PI	\$9,835	100%	\$9,835
Totals for		<b>Atkinson,Samuel F</b>						<b>\$9,835</b>
<b>Crossley II,Dane Alan</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>
GF30069	Collaborative Research: Effect Of Developmental Hypoxia On Juvenile Cardiac Function	Research	National Science Foundation	Federal	PI	\$21,819	100%	\$21,819
	Totals for	<b>Crossley II,Dane Alan</b>						<b>\$21,819</b>
<b>Hoeinghaus,David Joseph</b>								
GF40143	Alligator Gar population connectivity and habitat use in the Trinity River National Wildlife Refuge	Research	Texas Parks and Wildlife Department	Federal	PI	\$22,303	100%	\$22,303
	Totals for	<b>Hoeinghaus,David Joseph</b>						<b>\$22,303</b>
<b>Mager,Edward Michael</b>								
GF40148	Assessing Fish Swimming Performance to Inform Stream Crossing Design and Barrier Prioritization	Research	Texas Parks and Wildlife Department	Federal	PI	\$2,454	100%	\$2,454
	Totals for	<b>Mager,Edward Michael</b>						<b>\$2,454</b>
<b>Roberts,Aaron Patrick</b>								
GF40118	Effects of PCB on Early Lifestage Zebrafish	Research	ABT Associates, Inc	Federal	PI	\$3,642	100%	\$3,642
GP00057	Field Sampling Support for Abt Associates	Research	ABT Associates, Inc	Private	PI	\$3,277	100%	\$3,277
	Totals for	<b>Roberts,Aaron Patrick</b>						<b>\$6,919</b>
	Totals for	<b>Advanced Environmental Research</b>						<b>\$63,329</b>

***Biological Sciences***

**Alonso,Ana Paula**

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	\$53,951	100%	\$53,951
GF70059	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	PI	\$33,444	50%	\$16,722
GF70060	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	Co-PI	\$19,914	50%	\$9,957

<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>
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	\$7,026	100%	\$7,026
		Totals for	<b>Alonso,Ana Paula</b>					<b>\$95,084</b>
<b>Ayre,Brian G</b>								
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	\$3,751	100%	\$3,751
GP20091	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Private	PI	\$4,845	50%	\$2,423
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	\$5,099	50%	\$2,550
		Totals for	<b>Ayre,Brian G</b>					<b>\$8,723</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	\$80	24%	\$19
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Federal	Co-PI	\$39,094	6%	\$2,346
GF40125	MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	University of Missouri-Columbia	Federal	PI	\$0	60%	\$0
GF40130	Leaf-to-leaf communication during acclimation to multiple stresses	Research	University of Missouri-Columbia	Federal	PI	\$9,732	60%	\$5,839
		Totals for	<b>Azad,Rajeev Kumar</b>					<b>\$8,204</b>
<b>Burggren,Warren W</b>								
GP00029	Assessment of CardioActive Compounds	Research	AstraZeneca PLC	Private	PI	\$1,492	100%	\$1,492
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	\$957	25%	\$239

<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>
		Totals for	<b>Burggren,Warren W</b>					<b>\$1,731</b>
<b>Chapman,Kent D</b>								
GF30020	Molecular Targets and Actions of Ethanolamide-Conjugated Oxylipins in Arabidopsis Thaliana	Research	National Science Foundation	Federal	PI	\$19,065	100%	\$19,065
GF70010	Elucidating the Cellular Machinery for Lipid Storage in Plants	Research	U.S. Department of Energy	Federal	PI	\$14,588	100%	\$14,588
GF70059	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	Co-PI	\$33,444	50%	\$16,722
GF70060	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	PI	\$19,914	50%	\$9,957
GP20087	Engineering Seed Value in Cotton - Strategies to Modify Seed Constituents	Research	Cotton Incorporated	Private	PI	\$9,636	100%	\$9,636
GP20089	The Genetic Transformation of Cotton	Research	Cotton Incorporated	Private	PI	\$7,098	100%	\$7,098
		Totals for	<b>Chapman,Kent D</b>					<b>\$77,065</b>
<b>Chen,Fang</b>								
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Federal	Co-PI	\$50,732	50%	\$25,366
		Totals for	<b>Chen,Fang</b>					<b>\$25,366</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	\$957	25%	\$239
		Totals for	<b>Crossley II,Dane Alan</b>					<b>\$239</b>
<b>Dickstein,Rebecca</b>								
GF40073	Research-PGR: Functional Genomics of Beneficial Legume-Microbe Interactions	Research	Samuel Roberts Noble Foundation, Inc.	Federal	PI	\$7,231	100%	\$7,231
		Totals for	<b>Dickstein,Rebecca</b>					<b>\$7,231</b>
<b>Dixon,Richard Arthur</b>								



Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Federal	PI	\$50,732	50%	\$25,366
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	\$30	100%	\$30
GP6331	Molecular Approaches to Improved Protein Utilization in Alfalfa	Research	Forage Genetics International	Private	PI	\$9,995	100%	\$9,995
GP6433	Condensed Tannin Expression in Row Crops	Research	Grasslanz Technology Limited (GTL)	Private	PI	\$15,085	100%	\$15,085
		Totals for	<b>Dixon,Richard Arthur</b>					<b>\$50,476</b>
<b>Dzialowski,Edward Michael</b>								
GF00014	A novel role for actin polymerization in the closure of the ductus arteriosus	Research	National Institutes of Health	Federal	PI	\$8,747	100%	\$8,747
		Totals for	<b>Dzialowski,Edward Michael</b>					<b>\$8,747</b>
<b>Hoeinghaus,David Joseph</b>								
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal	Co-PI	\$26,588	22%	\$5,849
		Totals for	<b>Hoeinghaus,David Joseph</b>					<b>\$5,849</b>
<b>Hughes,Lee E</b>								
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	Co-PI	(\$100)	6%	(\$6)
		Totals for	<b>Hughes,Lee E</b>					<b>(\$6)</b>
<b>Jagadeeswaran,Pudur</b>								
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Federal	PI	\$39,094	90%	\$35,185
		Totals for	<b>Jagadeeswaran,Pudur</b>					<b>\$35,185</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	\$8,393	80%	\$6,714
		Totals for	<b>Lund,Amie Kathleen</b>					<b>\$6,714</b>
<b>Mager,Edward Michael</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40147	Assessing Fish Swimming Performance to Inform Stream Crossing Design and Barrier Prioritization	Research	Texas Parks and Wildlife Department	Federal	PI	\$10,524	100%	\$10,524
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	\$957	25%	\$239
		Totals for	<b>Mager,Edward Michael</b>					<b>\$10,763</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	\$8,393	2%	\$168
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	PI	\$13	6.5%	\$1
		Totals for	<b>McFarlin,Brian Keith</b>					<b>\$169</b>
<b>McGarry,Roisin Carrie</b>								
GP20091	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Private	Co-PI	\$4,845	50%	\$2,423
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	\$5,099	50%	\$2,550
		Totals for	<b>McGarry,Roisin Carrie</b>					<b>\$4,972</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	\$80	60%	\$48
GF30004	Regulation of Mitochondrial Functions by Iron and Ceramides in C. elegans	Research	National Science Foundation	Federal	PI	\$11,356	100%	\$11,356
		Totals for	<b>Padilla,Pamela A</b>					<b>\$11,404</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	\$957	25%	\$239

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GS80011	Development of an in situ testing platform for use in oil spill response and assessment	Research	Texas General Land Office	State	PI	\$8,725	100%	\$8,725
		Totals for	<b>Roberts,Aaron Patrick</b>					<b>\$8,964</b>
<b>Shah,Jyoti</b>								
GF10501	Developing Resistance to Fusarium Head Blight in Wheat	Research	U.S. Department of Agriculture	Federal	PI	\$6,309	100%	\$6,309
		Totals for	<b>Shah,Jyoti</b>					<b>\$6,309</b>
<b>Thompson,Ruthanne</b>								
GP40013	Dallas Environmental Education Initiative	Research	City of Dallas	Private	PI	\$60,341	100%	\$60,341
		Totals for	<b>Thompson,Ruthanne</b>					<b>\$60,341</b>
<b>Verbeck IV,Guido Fridolin</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	\$11,401	1.2%	\$137
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyl	Research	National Institute of Justice	Federal	Co-PI	\$3,104	9.9%	\$307
GP00060	LaCore Research Facility	Research	LaCore Labs, Inc.	Private	PI	\$11,010	30%	\$3,303
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	\$10,912	30%	\$3,274
		Totals for	<b>Verbeck IV,Guido Fridolin</b>					<b>\$7,021</b>
<b>Vingren,Jakob Langberg</b>								
GP00026	Does 90-days of Megasporobiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	Co-PI	\$13	1.5%	\$0
		Totals for	<b>Vingren,Jakob Langberg</b>					<b>\$0</b>
		Totals for	<b>Biological Sciences</b>					<b>\$440,552</b>

**Chemistry**

**Acree Jr,William Eugene**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyl	Research	National Institute of Justice	Federal	Co-PI	\$3,104	33%	\$1,024
		Totals for	<b>Acree Jr,William Eugene</b>					<b>\$1,024</b>
<b>Bagus,Paul S</b>								
GF40103	Fundamental Mechanisms of Reactivity at Complex Geochemical Interfaces	Research	Pacific Northwest National Laboratory	Federal	PI	\$3,349	100%	\$3,349
		Totals for	<b>Bagus,Paul S</b>					<b>\$3,349</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	\$42,154	20%	\$8,431
		Totals for	<b>Buongiorno Nardelli,Marco</b>					<b>\$8,431</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	\$33,964	100%	\$33,964
GF30078	Collaborative Research: Computational Investigation of Solvent Effects on Enzyme Catalysis	Research	National Science Foundation	Federal	PI	\$7,594	100%	\$7,594
		Totals for	<b>Cisneros,Gerardo Andres</b>					<b>\$41,558</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	\$12,905	100%	\$12,905
GF1740	Earth-abundant Metal Catalysts for the Functionalization of Strong Carbon-Hydrogen Bonds	Research	National Science Foundation	Federal	PI	\$7,033	100%	\$7,033
GP00056	Exploring The Fundamentals of Olefin Dimerization with Organometallic Catalysts	Research	Exxon Mobil	Private	PI	\$37,789	100%	\$37,789
		Totals for	<b>Cundari,Thomas Richard</b>					<b>\$62,125</b>
<b>D'Souza,Francis</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>
GF30091	CAS: Near-IR Absorbing Intramolecular Charge Transfer Complexes: Syntheses, Symmetry-Breaking Charge Transfer, and Charge Transfer Reversal by External Stimuli	Research	National Science Foundation	Federal	PI	\$7,266	80%	\$5,813
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Federal	Co-PI	\$71,806	32%	\$22,978
		Totals for	<b>D'Souza,Francis</b>					<b>\$28,791</b>
<b>Golden,Teresa D</b>								
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyl	Research	National Institute of Justice	Federal	PI	\$3,104	34%	\$1,055
		Totals for	<b>Golden,Teresa D</b>					<b>\$1,055</b>
<b>Marpu,Sreekar Babu</b>								
GF40138	Advanced Gas Sensing Technology for Space Suits	Research	Intelligent Optical Systems, Inc.	Federal	PI	\$24,675	85%	\$20,974
		Totals for	<b>Marpu,Sreekar Babu</b>					<b>\$20,974</b>
<b>Marshall,Paul</b>								
GP00059	Determination of Global Warming Potentials	Research	American Air Liquide, Inc.	Private	PI	\$76	100%	\$76
		Totals for	<b>Marshall,Paul</b>					<b>\$76</b>
<b>Omary,Mohammad A</b>								
GF40138	Advanced Gas Sensing Technology for Space Suits	Research	Intelligent Optical Systems, Inc.	Federal	Co-PI	\$24,675	15%	\$3,701
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Private	PI	(\$536)	100%	(\$536)
		Totals for	<b>Omary,Mohammad A</b>					<b>\$3,165</b>
<b>Richmond,Michael George</b>								
GP20094	Synthesis and Reactivity Studies of Metal Clusters	Research	Robert A. Welch Foundation	Private	PI	\$2,489	100%	\$2,489
GP7633	Synthesis and Reactivity Studies of Metal Clusters	Research	Robert A. Welch Foundation	Private	PI	\$6,016	100%	\$6,016
		Totals for	<b>Richmond,Michael George</b>					<b>\$8,505</b>
<b>Verbeck IV,Guido Fridolin</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>
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	\$11,401	2.8%	\$319
GF70071	Novel GLC based Method for Identification of Positional Isomeric Fentanyls	Research	National Institute of Justice	Federal	Co-PI	\$3,104	23.1%	\$717
GP00060	LaCore Research Facility	Research	LaCore Labs, Inc.	Private	PI	\$11,010	70%	\$7,707
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	\$10,912	70%	\$7,639
		Totals for	<b>Verbeck IV,Guido Fridolin</b>					<b>\$16,382</b>
<b>Wang,Hong</b>								
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Federal	PI	\$71,806	60%	\$43,084
		Totals for	<b>Wang,Hong</b>					<b>\$43,084</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	\$12,441	2%	\$249
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Federal	PI	\$30,632	20%	\$6,126
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federal	Co-PI	\$11,133	4%	\$445
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	\$11,401	1.6%	\$182

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Xia,Zhenhai</b>					<b>\$7,003</b>
		Totals for	<b>Chemistry</b>					<b>\$249,920</b>
<b><i>Institute for Applied Sciences</i></b>								
<b>O'Neill II,Martin Joseph</b>								
GF40127	Development and deployment of computational methods to facilitate response planning for POD placement and distribution of Medical Counter Measures from Regional RSS sites to PODs in Texas DSHS Region 6/5S	Research	Texas Department of State Health Service	Federal	Co-PI	\$857	50%	\$429
GF40133	LA-County Web-REPLAN	Public Service	Los Angeles County	Federal	Co-PI	\$4,246	50%	\$2,123
		Totals for	<b>O'Neill II,Martin Joseph</b>					<b>\$2,552</b>
		Totals for	<b>Institute for Applied Sciences</b>					<b>\$2,552</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	\$80	16%	\$13
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Federal	Co-PI	\$39,094	4%	\$1,564
GF40125	MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	University of Missouri-Columbia	Federal	PI	\$0	40%	\$0
GF40130	Leaf-to-leaf communication during acclimation to multiple stresses	Research	University of Missouri-Columbia	Federal	PI	\$9,732	40%	\$3,893
		Totals for	<b>Azad,Rajeev Kumar</b>					<b>\$5,470</b>
<b>Gao,Su</b>								
GF30046	Descriptive Dynamics and Borel Combinatorics of Group Actions	Research	National Science Foundation	Federal	PI	\$16,966	50%	\$8,483
		Totals for	<b>Gao,Su</b>					<b>\$8,483</b>
<b>Jackson,Stephen Craig</b>								
GF30046	Descriptive Dynamics and Borel Combinatorics of Group Actions	Research	National Science Foundation	Federal	Co-PI	\$16,966	50%	\$8,483
		Totals for	<b>Jackson,Stephen Craig</b>					<b>\$8,483</b>
<b>Quintanilla,John Anthony</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	Co-PI	(\$100)	8%	(\$8)
	Totals for	<b>Quintanilla,John Anthony</b>						<b>(\$8)</b>
<b>Trang,Nam Duc</b>								
GF30087	CAREER: Current and Future Developments of the Core Model Induction	Research	National Science Foundation	Federal	PI	\$13,855	100%	\$13,855
	Totals for	<b>Trang,Nam Duc</b>						<b>\$13,855</b>
<b>Wang,Xuexia</b>								
GP30016	Understanding the Molecular Underpinnings of Anthracycline-related Cardiomyopathy	Research	The University of Alabama at Birmingham	Private	PI	(\$216)	100%	(\$216)
	Totals for	<b>Wang,Xuexia</b>						<b>(\$216)</b>
	Totals for	<b>Mathematics</b>						<b>\$36,066</b>
<b>Physics</b>								
<b>Andreussi,Oliviero</b>								
GF30083	Collaborative Research: Elements: Flexible & Open-Source Models for Materials and Devices	Research	National Science Foundation	Federal	PI	\$6,372	100%	\$6,372
GF30086	CAREER: Multiscale and Machine-Learning Approaches for Electrified Interfaces	Research	National Science Foundation	Federal	PI	\$4,428	100%	\$4,428
GP20074	Modelling solvation-driven rare-events: from drug design to protein folding	Research	Robert A. Welch Foundation	Private	PI	\$10,246	100%	\$10,246
	Totals for	<b>Andreussi,Oliviero</b>						<b>\$21,046</b>
<b>Aouadi,Samir M</b>								
GF70058	Materials for Internal Combustion Engines	Research	US Army Research Laboratory	Federal	PI	\$760	6.8%	\$52
GF70064	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	\$2,737	6.66%	\$182
	Totals for	<b>Aouadi,Samir M</b>						<b>\$234</b>
<b>Buongiorno Nardelli,Marco</b>								



Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40104	Q4Q: Quantum Computation for Quantum Prediction of Materials and Molecular Properties	Research	University of Southern California	Federal	PI	\$42,154	80%	\$33,723
	Totals for	<b>Buongiorno Nardelli,Marco</b>						<b>\$33,723</b>
<b>Glass,Gary Alan</b>								
GP00041	Electrostatic Microprobe Lens System	Research	National Electrostatics Corp.	Private	PI	\$481	50%	\$240
	Totals for	<b>Glass,Gary Alan</b>						<b>\$240</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	\$38,369	30%	\$11,511
	Totals for	<b>Krokhin,Arkadii</b>						<b>\$11,511</b>
<b>Lin,Yuankun</b>								
GF30032	Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Research	National Science Foundation	Federal	PI	\$16,636	75%	\$12,477
	Totals for	<b>Lin,Yuankun</b>						<b>\$12,477</b>
<b>Littler,Christopher Leslie</b>								
GF40087	Characterization, Modeling, and Optimization of Cross-Linked Metal Particles for Microbolometers	Research	Washington State University	Federal	PI	\$39,879	50%	\$19,939
GF40107	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Federal	Co-PI	\$16,112	20%	\$3,222
	Totals for	<b>Littler,Christopher Leslie</b>						<b>\$23,162</b>
<b>Neogi,Arup</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	PI	\$38,369	50%	\$19,184
GF30089	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	\$7,439	100%	\$7,439
	Totals for	<b>Neogi,Arup</b>						<b>\$26,623</b>
<b>Philipose,Usha</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40107	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Federal	Co-PI	\$16,112	30%	\$4,834
	Totals for	<b>Philipose,Usha</b>						<b>\$4,834</b>
<b>Quintanilla,Sandra J</b>								
GF30037	Theoretical Investigation of Low-Energy Positron and Positronium Collisions	Research	National Science Foundation	Federal	PI	\$8,074	100%	\$8,074
	Totals for	<b>Quintanilla,Sandra J</b>						<b>\$8,074</b>
<b>Rout,Bibhudutta</b>								
GP00041	Electrostatic Microprobe Lens System	Research	National Electrostatics Corp.	Private	Co-PI	\$481	50%	\$240
	Totals for	<b>Rout,Bibhudutta</b>						<b>\$240</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	\$23,955	100%	\$23,955
GF40081	Exploratory X-ray Monitoring of z>4 Radio-Quiet Quasars	Research	Smithsonian Astrophysical Observatory	Federal	PI	\$3,303	100%	\$3,303
	Totals for	<b>Shemmer,Ohad</b>						<b>\$27,257</b>
<b>Syllaios,Athanasios John</b>								
GF40087	Characterization, Modeling, and Optimization of Cross-Linked Metal Particles for Microbolometers	Research	Washington State University	Federal	Co-PI	\$39,879	50%	\$19,939
GF40107	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Federal	PI	\$16,112	50%	\$8,056
GP00053	Testing of electrical conduction of amorphous silicon thin films	Research	Obsidian Sensors, Inc.	Private	PI	\$3,643	100%	\$3,643
	Totals for	<b>Syllaios,Athanasios John</b>						<b>\$31,639</b>
	Totals for	<b>Physics</b>						<b>\$201,060</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	\$9,136	100%	\$9,136
GP30017	Teach North Texas Augmented Reality Classroom	Research	Communities Foundation of Texas	Private	PI	\$78,976	100%	\$78,976
Totals for	<b>Thompson,Ruthanne</b>							<b>\$88,112</b>
Totals for	<b>Teach North Texas</b>							<b>\$88,112</b>
Totals for	<b>College of Science</b>							<b>\$1,081,591</b>

**College of Visual Arts & Design**  
*Art Education & Art History*

**Shabout,Nada M**

GP20088	Mapping Art Histories in the Arab World, Iran, and Turkey	Research	The Getty Foundation	Private	PI	\$65,670	100%	\$65,670
Totals for	<b>Shabout,Nada M</b>							<b>\$65,670</b>
Totals for	<b>Art Education &amp; Art History</b>							<b>\$65,670</b>

**Design**

**Gam,Hae Jin**

GP20090	Rethinking Cotton Learning: Innovation Through Collaboration	Instruction	Cotton Incorporated	Private	Co-PI	\$13,687	25%	\$3,422
Totals for	<b>Gam,Hae Jin</b>							<b>\$3,422</b>

**Trippeer,Barbara Cottrell**

GP20090	Rethinking Cotton Learning: Innovation Through Collaboration	Instruction	Cotton Incorporated	Private	Co-PI	\$13,687	20%	\$2,737
Totals for	<b>Trippeer,Barbara Cottrell</b>							<b>\$2,737</b>
Totals for	<b>Design</b>							<b>\$6,159</b>
Totals for	<b>College of Visual Arts &amp; Design</b>							<b>\$71,829</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>

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	<b>Office of the President</b>					<b>\$13,277</b>
<b>Research &amp; Innovation</b>								
<i>Tech Transfer &amp; Economic Dev</i>								
<b>Tudor,Steven Paul</b>								
GF30075	PFI-TT: Next Generation Fuel Cell Catalysts for Efficient Energy Conversion	Research	National Science Foundation	Federal	Co-PI	\$27,381	0%	\$0
		Totals for	<b>Tudor,Steven Paul</b>					<b>\$0</b>
		Totals for	<b>Tech Transfer &amp; Economic Dev</b>					<b>\$0</b>
		Totals for	<b>Research &amp; Innovation</b>					<b>\$0</b>
<b>Student Affairs - General</b>								
<i>Student Affairs - General</i>								
<b>McGuinness,Maureen M</b>								
GS00032	OVAG Program	Public Service	Office of Attorney General, Texas	State	PI	\$1,804	100%	\$1,804
		Totals for	<b>McGuinness,Maureen M</b>					<b>\$1,804</b>
		Totals for	<b>Student Affairs - General</b>					<b>\$1,804</b>
		Totals for	<b>Student Affairs - General</b>					<b>\$1,804</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	\$26,278	100%	\$26,278
		Totals for	<b>Craig,Detra Danielle</b>					<b>\$26,278</b>
<b>Dean,Karen Rawlings</b>								
GF20001	UNT HEB Talent Search	Public Service	U.S. Department of Education	Federal	PI	\$19,855	100%	\$19,855
		Totals for	<b>Dean,Karen Rawlings</b>					<b>\$19,855</b>
<b>Maloney,Beverly Ann</b>								
GF20000	UNT Talent Search	Public Service	U.S. Department of Education	Federal	PI	\$45,093	100%	\$45,093
		Totals for	<b>Maloney,Beverly Ann</b>					<b>\$45,093</b>
<b>Nelson,Tori Lynn</b>								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF20002	Upward Bound Program	Public Service	U.S. Department of Education	Federal	PI	\$37,196	100%	\$37,196
	Totals for	<b>Nelson,Tori Lynn</b>						<b>\$37,196</b>
	Totals for	<b>UNT TRIO</b>						<b>\$128,423</b>
	Totals for	<b>Student Engagement</b>						<b>\$128,423</b>

**Toulouse Graduate School**

*Toulouse Graduate School - Dean's Office*

**Oppong,Joseph R**

GF30026	Graduate Research Fellowship Program	Research	National Science Foundation	Federal	PI	\$8,500	100%	\$8,500
	Totals for	<b>Oppong,Joseph R</b>						<b>\$8,500</b>
	Totals for	<b>Toulouse Graduate School - Dean's Office</b>						<b>\$8,500</b>
	Totals for	<b>Toulouse Graduate School</b>						<b>\$8,500</b>

**University Library**

*Digital Libraries*

**Gieringer,Morgan Davis**

GF40129	Byrd Williams Family Photography Collection Digitization Project	Research	Texas State Library and Archives Commission	Federal	PI	\$15,780	50%	\$7,890
	Totals for	<b>Gieringer,Morgan Davis</b>						<b>\$7,890</b>

**Phillips,Mark Edward**

GF70032	Programmatic Extraction of "Documents" from Web Archives	Research	Institute of Museum and Library Services	Federal	PI	\$4,684	100%	\$4,684
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Services	Federal	Co-PI	\$2,948	33.33%	\$983
	Totals for	<b>Phillips,Mark Edward</b>						<b>\$5,667</b>

**Willis,Shannon Nicole**

GF40129	Byrd Williams Family Photography Collection Digitization Project	Research	Texas State Library and Archives Commission	Federal	Co-PI	\$15,780	50%	\$7,890
	Totals for	<b>Willis,Shannon Nicole</b>						<b>\$7,890</b>
	Totals for	<b>Digital Libraries</b>						<b>\$21,447</b>

*Special Libraries*

**Gieringer,Morgan Davis**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP40010	DART Archives Project	Public Service	Dallas Area Rapid Transit	Private	PI	\$8,138	100%	\$8,138
	Totals for	<b>Gieringer,Morgan Davis</b>						<b>\$8,138</b>
	Totals for	<b>Special Libraries</b>						<b>\$8,138</b>
<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	\$45,765	100%	\$45,765
	Totals for	<b>Hawkins,Kevin Scott</b>						<b>\$45,765</b>
<b>Phillips,Mark Edward</b>								
GF70014	Texas Digital Newspaper Project, Phase Four	Public Service	National Endowment for the Humanities	Federal	PI	\$7,025	100%	\$7,025
	Totals for	<b>Phillips,Mark Edward</b>						<b>\$7,025</b>
	Totals for	<b>University Library - General</b>						<b>\$52,790</b>
	Totals for	<b>University Library</b>						<b>\$82,375</b>
<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	\$39,469	100%	\$39,469
	Totals for	<b>Caffrey,Kevin Neal</b>						<b>\$39,469</b>
	Totals for	<b>Honors College - Dean's Office</b>						<b>\$39,469</b>
	Totals for	<b>Honors College</b>						<b>\$39,469</b>
	Totals for	<b>UNT</b>						<b>\$3,425,900</b>