Monthly Expenditures Report for November 2019

Office of Grants and Contracts, University of North Texas

Expenditures Total by College	November 2018	November 2019	YTD FY2019	YTD FY2020
College of Business	$ 47,104	$ 18,439	$ 116,748	$ 27,738
College of Education	$ 95,044	$ 87,591	$ 462,706	$ 425,851
College of Engineering	$ 552,549	$ 384,962	$ 3,089,963	$ 1,426,736
College of Health & Public Service (prev. PACS)	$ 115,734	$ 95,325	$ 362,859	$ 341,813
College of Information	$ 70,641	$ 37,761	$ 142,751	$ 131,931
College of Liberal Arts & Social Sciences	$ 154,532	$ 70,401	$ 410,058	$ 241,913
College of Merchandising Hospitality and Tourism	$ 13,334	$ 7,093	$ 38,409	$ 28,942
College of Music	$ -	$ 2,466	$ -	$ 7,397
College of Science	$ 476,651	$ 605,869	$ 1,440,590	$ 1,956,832
College of Visual Arts and Design	$ -	$ -	$ -	$ 22,855
Mayborn School of Journalism	$ -	$ -	$ -	$ -
Other	$ 203,936	$ 221,491	$ 625,884	$ 660,599
Grand Total:	**$ 1,729,526**	**$ 1,531,397**	**$ 6,689,967**	**$ 5,272,608**

Expenditures Total by Category				
Instruction	$ 154,102	$ 115,699	$ 526,911	$ 472,312
Public Service	$ 297,756	$ 285,065	$ 835,843	$ 1,014,260
Research	$ 1,277,667	$ 1,130,633	$ 5,327,213	$ 3,786,037
Grand Total:	**$ 1,729,526**	**$ 1,531,397**	**$ 6,689,967**	**$ 5,272,608**

Expenditures Total by Source of Funding				
Federal	$ 1,378,388	$ 1,031,341	$ 5,530,354	$ 3,726,833
Private	$ 244,275	$ 388,183	$ 902,197	$ 1,237,161
State	$ 106,863	$ 111,874	$ 257,416	$ 308,614
Grand Total:	**$ 1,729,526**	**$ 1,531,397**	**$ 6,689,967**	**$ 5,272,608**

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

last updated 12/18/2019

Expenditures, November FY2020

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
UNT								
College of Business								
Information Technology & Decision Science								
Kim,Dan Jong								
Kim, D., Co-PI; Information Technology & Decision Science; Dantu, R., PI; Computer Science & Engineering; Hawamdeh, S., Co-PI; Information Science								
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	Co-PI	$2,823	25%	$706
GF70029	Export Controlled, title removed	Instruction	National Security Agency	Federal	PI	($93)	100%	($93)
	Totals for	**Kim,Dan Jong**						**$613**
	Totals for	**Information Technology & Decision Science**						**$613**
Marketing & Logistics								
Bomba,Michael Stephen								
Bomba, M., Co-PI; Nowicki, D., PI; Marketing & Logistics; Nowicki, D., PI; Marketing								
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	$28,588	50%	$14,294
	Totals for	**Bomba,Michael Stephen**						**$14,294**
Niranjan,Suman								
Niranjan, S., Co-PI; Sauser, B., PI; Marketing & Logistics								
GP00046	Modeling and Simulation of the Empowerment of the Patient Healthcare Process	Research	StratiFi Health	Private	Co-PI	$673	50%	$337
	Totals for	**Niranjan,Suman**						**$337**
Nowicki,David Richard								
Nowicki, D., PI; Bomba, M., Co-PI; Marketing & Logistics; Nowicki, D., PI; Marketing								
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	$28,588	10%	$2,859
	Totals for	**Nowicki,David Richard**						**$2,859**
Sauser,Brian Joseph								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Sauser, B., PI; Niranjan, S., Co-PI; Marketing & Logistics								
GP00046	Modeling and Simulation of the Empowerment of the Patient Healthcare Process	Research	StratiFi Health	Private	PI	$673	50%	$337
	Totals for **Sauser,Brian Joseph**							**$337**
	Totals for **Marketing & Logistics**							**$17,826**
	Totals for **College of Business**							**$18,439**

College of Education

Autism Center

Middlemiss,Wendy

Middlemiss, W., Co-PI; Nichols, S., PI; Autism Center

GA00008	Autism Grant Program - Parent-Directed Treatment	Public Service	Texas Higher Education Coordinating Board	State	Co-PI	$5,581	50%	$2,791
	Totals for **Middlemiss,Wendy**							**$2,791**

Nichols,Susan Marie

Nichols, S., PI; Middlemiss, W., Co-PI; Autism Center

GA00008	Autism Grant Program - Parent-Directed Treatment	Public Service	Texas Higher Education Coordinating Board	State	PI	$5,581	50%	$2,791
	Totals for **Nichols,Susan Marie**							**$2,791**
	Totals for **Autism Center**							**$5,581**

Counseling & Higher Education

Bower,Beverly

GP20053	Council for the Study of Community Colleges	Public Service	Council for the Study of Community Colleges	Private	PI	$449	100%	$449
	Totals for **Bower,Beverly**							**$449**

Cartwright,Angie

Cartwright, A., PI; Ceballos, P., Co-PI; Counseling & Higher Education; Carey, C., Co-PI; Disability & Addiction Rehabilitation

GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administration	Federal	PI	$7,208	50%	$3,604

Cartwright, A., PI; Counseling & Higher Education; Carey, C., Co-PI; Disability & Addiction Rehabilitation

GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	PI	$16,140	50%	$8,070
	Totals for **Cartwright,Angie**							**$11,674**

Ceballos,Peggy Lorena

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Ceballos, P., Co-PI; Cartwright, A., PI; Counseling & Higher Education; Carey, C., Co-PI; Disability & Addiction Rehabilitation								
GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administration	Federal	Co-PI	$7,208	25%	$1,802
Ceballos, P., Co-PI; Ray, D., PI; Lindo, N., Co-PI; Counseling & Higher Education								
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	Co-PI	$12,944	25%	$3,236
	Totals for	**Ceballos,Peggy Lorena**						**$5,038**
Lindo,Natalya Ann								
Lindo, N., Co-PI; Ray, D., PI; Ceballos, P., Co-PI; Counseling & Higher Education								
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	Co-PI	$12,944	25%	$3,236
	Totals for	**Lindo,Natalya Ann**						**$3,236**
Ray,Deanne C								
Ray, D., PI; Ceballos, P., Co-PI; Lindo, N., Co-PI; Counseling & Higher Education								
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Private	PI	$12,944	50%	$6,472
	Totals for	**Ray,Deanne C**						**$6,472**
	Totals for	**Counseling & Higher Education**						**$26,869**
Educational Psychology								
Frosch,Cynthia Ann								
GP30009	The WECS: Validating a New Measure of Emotional Connection in Father-Infant Dyads and Home Visiting Contexts	Research	Columbia University	Private	PI	$247	100%	$247
	Totals for	**Frosch,Cynthia Ann**						**$247**
Hull,Darrell								
Hull, D., Co-PI; Middlemiss, W., PI; Educational Psychology								
GF40098	Texas HIPPYCorps	Public Service	OneStar National Service Commission	Federal	Co-PI	$0	20%	$0
Hull, D., Co-PI; Middlemiss, W., PI; Educational Psychology								
GF40128	OneStar Recompete 2019 AmeriCorps HIPPY	Public Service	OneStar National Service Commission	Federal	Co-PI	$17,652	50%	$8,826
	Totals for	**Hull,Darrell**						**$8,826**
Middlemiss,Wendy								
Middlemiss, W., PI; Hull, D., Co-PI; Educational Psychology								
GF40098	Texas HIPPYCorps	Public Service	OneStar National Service Commission	Federal	PI	$0	80%	$0
Middlemiss, W., PI; Hull, D., Co-PI; Educational Psychology								
GF40128	OneStar Recompete 2019 AmeriCorps HIPPY	Public Service	OneStar National Service Commission	Federal	PI	$17,652	50%	$8,826
	Totals for	**Middlemiss,Wendy**						**$8,826**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for **Educational Psychology**							**$17,899**
Kinesiology, Health Promotion, & Recreation								
Collins Jr,John R								
Collins Jr, J., PI; Martin, S., Co-PI; Kinesiology, Health Promotion, & Recreation								
GP20021	Girls in the Game - Teen Squad	Instruction	Girls in the Game	Private	PI	$1,036	90%	$932
	Totals for **Collins Jr,John R**							**$932**
Keller,Marian Jean								
GA00002	North Texas Pathway Project	Public Service	Texas Higher Education Coordinating Board	State	PI	$1,120	100%	$1,120
	Totals for **Keller,Marian Jean**							**$1,120**
Martin,Scott B								
Martin, S., Co-PI; Collins Jr, J., PI; Kinesiology, Health Promotion, & Recreation								
GP20021	Girls in the Game - Teen Squad	Instruction	Girls in the Game	Private	Co-PI	$1,036	10%	$104
	Totals for **Martin,Scott B**							**$104**
Mcfarlin,Brian Keith								
Mcfarlin, B., Co-PI; Kinesiology, Health Promotion, & Recreation; Lund, A., PI; Mcfarlin, B., Co-PI; Biological Sciences								
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Federal	Co-PI	$13,160	18%	$2,369
Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences								
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Private	PI	$2,508	55%	$1,379
Mcfarlin, B., PI; Olson, R., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences								
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	PI	$538	68.5%	$368
Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences								
GP20027	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of a Boswellia-Curcumin Supplement?	Research	Unibar Corporation	Private	PI	$2,916	54%	$1,574
	Totals for **Mcfarlin,Brian Keith**							**$5,691**
Olson,Ryan Lee								
Olson, R., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences								
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	Co-PI	$538	10%	$54
	Totals for **Olson,Ryan Lee**							**$54**
Vingren,Jakob Langberg								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Vingren, J., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences								
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Private	Co-PI	$2,508	36%	$903
Vingren, J., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences								
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	Co-PI	$538	13.5%	$73
Vingren, J., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion, & Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences								
GP20027	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of a Boswellia-Curcumin Supplement?	Research	Unibar Corporation	Private	Co-PI	$2,916	36%	$1,050
	Totals for	**Vingren,Jakob Langberg**						**$2,025**
	Totals for	**Kinesiology, Health Promotion, & Recreation**						**$9,925**
Teacher Education & Administration								
Boyd,Rossana R								
Boyd, R., PI; Gonzalez-Carriedo, R., Co-PI; Teacher Education & Administration								
GF20003	Success in Language and Literacy Instruction	Instruction	U.S. Department of Education	Federal	PI	$27,403	50%	$13,701
	Totals for	**Boyd,Rossana R**						**$13,701**
Eddy,Colleen M								
Eddy, C., PI; Harrell, P., Co-PI; Teacher Education & Administration; Hughes, L., Co-PI; Biological Sciences; Quintanilla, J., Co-PI; Mathematics								
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	PI	($100)	51%	($51)
	Totals for	**Eddy,Colleen M**						**($51)**
Gonzalez-Carriedo,Ricardo								
Gonzalez-Carriedo, R., Co-PI; Boyd, R., PI; Teacher Education & Administration								
GF20003	Success in Language and Literacy Instruction	Instruction	U.S. Department of Education	Federal	Co-PI	$27,403	50%	$13,701
	Totals for	**Gonzalez-Carriedo,Ricardo**						**$13,701**
Harrell,Pamela Esprivalo								
Harrell, P., Co-PI; Eddy, C., PI; Teacher Education & Administration; Hughes, L., Co-PI; Biological Sciences; Quintanilla, J., Co-PI; Mathematics								
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	Co-PI	($100)	35%	($35)
	Totals for	**Harrell,Pamela Esprivalo**						**($35)**
	Totals for	**Teacher Education & Administration**						**$27,317**
	Totals for	**College of Education**						**$87,591**
College of Engineering								
Biomedical Engineering								
Yang,Yong								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF00009	Biomimetic Alveolar Interstitium Model for Investigation of Nanomaterials-induced Fibrogenesis	Research	National Institutes of Health	Federal	PI	$2,681	100%	$2,681
GF30045	UNS: Nanotopographical Memory Modulates Stem Cell Fate	Research	National Science Foundation	Federal	PI	$2,703	100%	$2,703
	Totals for **Yang,Yong**							**$5,384**
Zhu,Donghui								
Zhu, D., Co-PI; Biomedical Engineering; Choi, W., PI; Mechanical & Energy Engineering; Choi, W., PI; Materials Science & Engineering; Mehta, G., Co-PI; Electrical Engineering								
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	Co-PI	$1,292	30%	$388
	Totals for **Zhu,Donghui**							**$388**
	Totals for **Biomedical Engineering**							**$5,771**
Computer Science & Engineering								
Akl,Robert								
Akl, R., Co-PI; Kavi, K., PI; Computer Science & Engineering								
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	National Science Foundation	Federal	Co-PI	$1,250	20%	$250
	Totals for **Akl,Robert**							**$250**
Bhowmick,Sanjukta								
GF30063	SANDY: Sparsification-Based Approach for Analyzing Network Dynamics	Research	National Science Foundation	Federal	PI	$2,048	100%	$2,048
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	$9,952	100%	$9,952
	Totals for **Bhowmick,Sanjukta**							**$11,999**
Blanco Villar,Eduardo								
Blanco Villar, E., Co-PI; Takabi, H., PI; Computer Science & Engineering								
GF30050	Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum	Instruction	National Science Foundation	Federal	Co-PI	($969)	30%	($291)
GF30061	CAREER: Understanding Negation in Positive Terms	Research	National Science Foundation	Federal	PI	$3,636	100%	$3,636
GP30013	NLP for Medication Adherence: Complex Semantics and Negation	Research	University of Texas Health Science Center at Houston	Private	PI	$2,520	100%	$2,520
	Totals for **Blanco Villar,Eduardo**							**$5,865**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Dantu,Ramanamurthy								
Dantu, R., PI; Computer Science & Engineering; Hawamdeh, S., Co-PI; Information Science; Kim, D., Co-PI; Information Technology & Decision Science								
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	PI	$2,823	50%	$1,412
	Totals for	**Dantu,Ramanamurthy**						**$1,412**
Fu,Song								
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	$3,562	100%	$3,562
Fu, S., Co-PI; Kavi, K., PI; Zhao, H., Co-PI; Computer Science & Engineering								
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federal	Co-PI	$6,874	15%	$1,031
GF40079	Exploring Declustered RAID and Proactive Data Protection to Develop Always-On HPC Storage Systems	Research	Los Alamos National Laboratory	Federal	PI	$2,762	100%	$2,762
	Totals for	**Fu,Song**						**$7,355**
Huang,Yan								
Huang, Y., PI; Yang, Q., Co-PI; Computer Science & Engineering; Zhong, X., Co-PI; Electrical Engineering								
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	Federal	PI	$5,264	50%	$2,632
	Totals for	**Huang,Yan**						**$2,632**
Jin,Wei								
GF30025	CAREER: Creation, Visualization, and Mining of Domain Textual Graphs: Integrating Domain Knowledge and Human Intelligence	Research	National Science Foundation	Federal	PI	$2,970	100%	$2,970
	Totals for	**Jin,Wei**						**$2,970**
Kavi,Krishna M								
Kavi, K., PI; Akl, R., Co-PI; Computer Science & Engineering								
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	National Science Foundation	Federal	PI	$1,250	80%	$1,000
GF30029	I/UCRC: NSF Net-centric and Cloud Software and Systems	Research	National Science Foundation	Federal	PI	$904	100%	$904

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Kavi, K., PI; Fu, S., Co-PI; Zhao, H., Co-PI; Computer Science & Engineering								
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federal	PI	$6,874	65%	$4,468
	Totals for	**Kavi,Krishna M**						**$6,371**
Ludi,Stephanie Ann								
Ludi, S., Co-PI; Computer Science & Engineering; Boettger, R., PI; Technical Communication; Hoeinghaus, D., Co-PI; Biological Sciences								
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal	Co-PI	$2,465	22%	$542
Ludi, S., Co-PI; Computer Science & Engineering; D'Souza, N., PI; Mechanical & Energy Engineering; D'Souza, N., PI; Materials Science & Engineering								
GP30014	College of Engineering Women in STEM	Public Service	UNT Foundation	Private	Co-PI	$10,073	50%	$5,036
	Totals for	**Ludi,Stephanie Ann**						**$5,579**
Mikler,Armin R								
Mikler, A., Co-PI; Computer Science & Engineering; O'Neill II, M., PI; Institute for Applied Sciences								
GF40102	Providing RE-PLAN to Support Response Planning for Los Angeles County, California	Public Service	Los Angeles County	Federal	Co-PI	$663	50%	$331
Mikler, A., PI; Computer Science & Engineering; O'Neill II, M., Co-PI; Institute for Applied Sciences								
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	$16,804	50%	$8,402
	Totals for	**Mikler,Armin R**						**$8,733**
Oh,Junghwan								
GF50003	Real-Time Feedback to Improve Colonoscopy	Research	University of Minnesota	Federal	PI	$2,673	100%	$2,673
	Totals for	**Oh,Junghwan**						**$2,673**
Pottathuparambil,Robin Jacob								
Pottathuparambil, R., Co-PI; Computer Science & Engineering; Gafford, L., PI; Disability & Addiction Rehabilitation								
GF40116	Explore STEM!	Public Service	Texas Workforce Commission	Federal	Co-PI	($1,456)	33%	($480)
	Totals for	**Pottathuparambil,Robin Jacob**						**($480)**
Takabi,Hassan								
Takabi, H., PI; Blanco Villar, E., Co-PI; Computer Science & Engineering								
GF30050	Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum	Instruction	National Science Foundation	Federal	PI	($969)	70%	($678)
	Totals for	**Takabi,Hassan**						**($678)**
Yang,Qing								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30041	NeTS: EAGER: Intelligent Information Dissemination in Vehicular Networks based on Social Computing	Research	National Science Foundation	Federal	PI	($4,696)	100%	($4,696)
Yang, Q., Co-PI; Huang, Y., PI; Computer Science & Engineering; Zhong, X., Co-PI; Electrical Engineering								
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	Federal	Co-PI	$5,264	30%	$1,579
	Totals for	**Yang,Qing**						**($3,116)**
Zhao,Hui								
Zhao, H., Co-PI; Kavi, K., PI; Fu, S., Co-PI; Computer Science & Engineering								
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federal	Co-PI	$6,874	20%	$1,375
	Totals for	**Zhao,Hui**						**$1,375**
	Totals for	**Computer Science & Engineering**						**$52,939**
Electrical Engineering								
Fu,Shengli								
GF30031	CI-NEW: Collaborative Research: Developing an Open Networked Airborne Computing Platform	Research	National Science Foundation	Federal	PI	$6,269	100%	$6,269
	Totals for	**Fu,Shengli**						**$6,269**
Kaul,Anupama Bhat								
Kaul, A., PI; Electrical Engineering; Kaul, A., PI; Materials Science & Engineering								
GF30039	EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays	Research	National Science Foundation	Federal	PI	$1,315	20%	$263
Kaul, A., PI; Mahbub, I., Co-PI; Electrical Engineering; Kaul, A., PI; Materials Science & Engineering								
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	$6,682	16%	$1,069
	Totals for	**Kaul,Anupama Bhat**						**$1,332**
Lin,Yuankun								
Lin, Y., PI; Electrical Engineering; Lin, Y., PI; Physics								
GF30032	Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Research	National Science Foundation	Federal	PI	$4,110	25%	$1,027
	Totals for	**Lin,Yuankun**						**$1,027**
Mahbub,Ifana								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30082	High Surface Area Reverse Electrowetting Mechanoelectrical Transduction	Research	National Science Foundation	Federal	PI	$4,349	100%	$4,349
Mahbub, I., Co-PI; Kaul, A., PI; Electrical Engineering; Kaul, A., PI; Materials Science & Engineering								
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	$6,682	20%	$1,336
	Totals for	**Mahbub,Ifana**						**$5,686**
Mehta,Gayatri								
GF30002	SHF: Small: Visual Architectures: Engaging Crowds in Design and Discovery for Custom Reconfigurable Devices	Research	National Science Foundation	Federal	PI	$3,306	100%	$3,306
Mehta, G., Co-PI; Electrical Engineering; Choi, W., PI; Mechanical & Energy Engineering; Choi, W., PI; Materials Science & Engineering; Zhu, D., Co-PI; Biomedical Engineering								
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	Co-PI	$1,292	30%	$388
	Totals for	**Mehta,Gayatri**						**$3,693**
Namuduri,Kameswara Rao								
GF40100	UTM for Wildland Fire Management	Research	Unmanned Experts Inc.	Federal	PI	$1,767	100%	$1,767
GF40113	UTM Technical Capability Level 4 (TCL4) Demonstration	Research	Texas A University Corpus Christi	Federal	PI	$3,815	100%	$3,815
	Totals for	**Namuduri,Kameswara Rao**						**$5,583**
Zhong,Xiangnan								
Zhong, X., Co-PI; Electrical Engineering; Huang, Y., PI; Yang, Q., Co-PI; Computer Science & Engineering								
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	Federal	Co-PI	$5,264	20%	$1,053
	Totals for	**Zhong,Xiangnan**						**$1,053**
	Totals for	**Electrical Engineering**						**$24,642**
Engineering Technology								
Anaya,Leticia H								
Anaya, L., PI; Manzo, M., Co-PI; Engineering Technology								
GF70057	Missile Defense Agency Boosting Engineering, Science and Technology (BEST) Robotics Grant Kits 2019	Public Service	Missile Defense Agency	Federal	PI	$5,294	51%	$2,700
	Totals for	**Anaya,Leticia H**						**$2,700**
Huang,Zhenhua								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40096	CIF21DIBBS: EI: VIFI: Virtual Information-Fabric Infrastructure for Data-Driven Decisions from Distributed Data	Research	Nova Southeastern University	Federal	PI	($4,125)	100%	($4,125)
	Totals for	**Huang,Zhenhua**						**($4,125)**
Manzo,Maurizio								
Manzo, M., Co-PI; Anaya, L., PI; Engineering Technology								
GF70057	Missile Defense Agency Boosting Engineering, Science and Technology (BEST) Robotics Grant Kits 2019	Public Service	Missile Defense Agency	Federal	Co-PI	$5,294	49%	$2,594
GP20070	Design, manufacture and testing of optical sensing systems-based spectroscopy for engineering technology curricula	Research	American Society for Engineering Education	Private	PI	$715	100%	$715
	Totals for	**Manzo,Maurizio**						**$3,309**
Siller carrillo,Hector Rafael								
GP00054	Walkway Safety Research and Biomimetic Surfaces Development	Research	Walkway Management Group	Private	PI	$2,542	100%	$2,542
GP20068	Additive Manufacturing Interuniversity Program Initiative	Instruction	Partners of the Americas	Private	PI	$2,800	100%	$2,800
	Totals for	**Siller carrillo,Hector Rafael**						**$5,342**
Yu,Cheng								
GP00049	Shear Strength of Cold-Formed Steel Clip Angles with Multiple Lines of Screws	Research	American Iron and Steel Institute	Private	PI	$1,485	100%	$1,485
GP00050	Expanding Effective Strip Method to Thicker Stud Walls	Research	American Iron and Steel Institute	Private	PI	($2,078)	100%	($2,078)
	Totals for	**Yu,Cheng**						**($593)**
	Totals for	**Engineering Technology**						**$6,633**
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	$23,336	100%	$23,336
	Totals for	**Acevedo,Miguel F**						**$23,336**
Aouadi,Samir M								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Aouadi, S., Co-PI; Young, M., PI; Berman, D., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics								
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$6,802	20%	$1,360
Aouadi, S., PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., PI; Physics								
GF70058	Materials for Internal Combustion Engines	Research	US Army Research Laboratory	Federal	PI	$2,549	27.2%	$693
	Totals for	**Aouadi,Samir M**						**$2,054**
Banerjee,Rajarshi								
GF30070	Collaborative Research: Fine Scale Alpha Precipitation and Resulting Deformation Mechanisms in Titanium Alloys	Research	National Science Foundation	Federal	PI	$2,920	100%	$2,920
Banerjee, R., Co-PI; Scharf, T., PI; Materials Science & Engineering								
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	Federal	Co-PI	$383	50%	$192
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	$22,313	100%	$22,313
Banerjee, R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Scharf, T., Co-PI; Srivilliputhur, S., Co-PI; X								
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	$42,233	12%	$5,068
Banerjee, R., Co-PI; Dahotre, N., PI; Voevodin, A., Co-PI; Materials Science & Engineering								
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$2,823	47%	$1,327
Banerjee, R., Co-PI; Voevodin, A., PI; Dahotre, N., Co-PI; Materials Science & Engineering								
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$2,896	25%	$724
	Totals for	**Banerjee,Rajarshi**						**$32,542**
Berman,Diana								
Berman, D., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics								
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$6,802	25%	$1,700
Berman, D., Co-PI; Aouadi, S., PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., PI; Physics								
GF70058	Materials for Internal Combustion Engines	Research	US Army Research Laboratory	Federal	Co-PI	$2,549	33%	$841
GP00051	Materials Characterizations for Sensing Applications	Research	Honeywell International Inc.	Private	PI	$509	100%	$509
	Totals for	**Berman,Diana**						**$3,050**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Choi,Wonbong								
Choi, W., PI; Materials Science & Engineering; Choi, W., PI; Mechanical & Energy Engineering; Mehta, G., Co-PI; Electrical Engineering; Zhu, D., Co-PI; Biomedical Engineering								
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	PI	$1,292	32%	$413
Choi, W., PI; Materials Science & Engineering; Choi, W., PI; Mechanical & Energy Engineering								
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research and Development	Federal	PI	$3,049	80%	$2,439
Choi, W., PI; Materials Science & Engineering; Choi, W., PI; Mechanical & Energy Engineering								
GP50009	Development of surface stabilized Zn-anode in Zn-air battery	Research	Korea Institute of Industrial Technology	Private	PI	$333	80%	$266
	Totals for **Choi,Wonbong**							**$3,119**
Dahotre,Narendra B								
Dahotre, N., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Scharf, T., Co-PI; Srivilliputhur, S., Co-PI; X								
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	$42,233	9%	$3,801
Dahotre, N., PI; Banerjee, R., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering								
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$2,823	47%	$1,327
Dahotre, N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics								
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$6,802	0%	$0
Dahotre, N., Co-PI; Mishra, R., PI; Materials Science & Engineering								
GF70048	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$2,673	0%	$0
Dahotre, N., Co-PI; Mishra, R., PI; Materials Science & Engineering								
GF70049	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$899	0%	$0
Dahotre, N., Co-PI; Voevodin, A., PI; Banerjee, R., Co-PI; Materials Science & Engineering								
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$2,896	25%	$724
	Totals for **Dahotre,Narendra B**							**$5,852**
D'souza,Francis								
D'souza, F., Co-PI; Materials Science & Engineering; Wang, H., PI; D'souza, F., Co-PI; Chemistry								
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Federal	Co-PI	$11,392	8%	$911
	Totals for **D'souza,Francis**							**$911**
D'Souza,Nandika Anne								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
D'Souza, N., PI; Materials Science & Engineering; D'Souza, N., PI; Mechanical & Energy Engineering								
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Federal	PI	$4,879	20%	$976
D'Souza, N., PI; Materials Science & Engineering; D'Souza, N., PI; Mechanical & Energy Engineering; Ludi, S., Co-PI; Computer Science & Engineering								
GP30014	College of Engineering Women in STEM	Public Service	UNT Foundation	Private	PI	$10,073	10%	$1,007
	Totals for	**D'Souza,Nandika Anne**						**$1,983**
Du,Jincheng								
GF40047	Center for Performance and Design of Nuclear Waste Forms and Containers (WastePD)	Research	The Ohio State University	Federal	PI	$10,414	100%	$10,414
Du, J., Co-PI; Materials Science & Engineering; Slaughter III, L., PI; Chemistry								
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Federal	Co-PI	$15,105	20%	$3,021
Du, J., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Scharf, T., Co-PI; Srivilliputhur, S., Co-PI; X								
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	$42,233	8%	$3,379
GP50005	AGC-UNT collaborative research project on simulations of multicomponent oxide glasses and glass/water reactions	Research	Asahi Glass Co., Ltd. (AGC)	Private	PI	$7,799	100%	$7,799
	Totals for	**Du,Jincheng**						**$24,612**
Kaul,Anupama Bhat								
Kaul, A., PI; Materials Science & Engineering; Kaul, A., PI; Electrical Engineering								
GF30039	EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays	Research	National Science Foundation	Federal	PI	$1,315	80%	$1,052
Kaul, A., PI; Materials Science & Engineering; Kaul, A., PI; Mahbub, I., Co-PI; Electrical Engineering								
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	$6,682	64%	$4,277
	Totals for	**Kaul,Anupama Bhat**						**$5,329**
Mishra,Rajiv Sharan								
GF40056	Design-to-Component, Closed-Loop ICME Development of Additive Manufacturing Alloys for Naval Applications	Research	University of Central Florida	Federal	PI	$24,516	100%	$24,516
GF40091	Enhanced Lower Cost Tooling for Friction Stir Technologies	Research	QuesTek Innovations LLC	Federal	PI	$9,752	100%	$9,752

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF40123	Enhanced Lower Cost Tooling for Friction Stir Technologies	Research	QuesTek Innovations LLC	Federal	PI	$4,198	100%	$4,198
GF40132	Advanced Metallic Materials and Processes Innovation (SBIR): Design of tool materials to enable FSW of Ni-based superalloys	Research	QuesTek Innovations LLC	Federal	PI	$5,117	100%	$5,117
Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Scharf, T., Co-PI; Srivilliputhur, S., Co-PI; X								
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	$42,233	15%	$6,335
Mishra, R., PI; Dahotre, N., Co-PI; Materials Science & Engineering								
GF70048	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$2,673	100%	$2,673
Mishra, R., PI; Dahotre, N., Co-PI; Materials Science & Engineering								
GF70049	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$899	100%	$899
GF70061	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$402	100%	$402
GF70062	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$3,084	100%	$3,084
GF70066	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$6,788	100%	$6,788
GF70067	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$6,513	100%	$6,513
	Totals for **Mishra,Rajiv Sharan**							**$70,278**
Mukherjee,Sundeep								
Mukherjee, S., PI; Xia, Z., Co-PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry								
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High-Performance Electrocatalysts	Research	National Science Foundation	Federal	PI	$20,596	90%	$18,536
Mukherjee, S., PI; Xia, Z., Co-PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry								
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federal	PI	$2,967	80%	$2,374

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Mukherjee, S., PI; Materials Science & Engineering; Tudor, S., Co-PI; Tech Transfer & Economic Dev								
GF30075	PFI-TT: Next Generation Fuel Cell Catalysts for Efficient Energy Conversion	Research	National Science Foundation	Federal	PI	$4,048	100%	$4,048
GF40119	US-India Partnership for Manufacturing of Advanced Metallic Bio-implants and Local Economic Development	Research	University of Nebraska at Omaha	Federal	PI	$4,048	100%	$4,048
Mukherjee, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Reidy III, R., Co-PI; Scharf, T., Co-PI; Srivilliputhur, S., Co-PI; X								
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	$42,233	8%	$3,379
	Totals for	**Mukherjee,Sundeep**						**$32,385**
Reidy III,Richard F								
Reidy III, R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Scharf, T., Co-PI; Srivilliputhur, S., Co-PI; X								
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	$42,233	8%	$3,379
Reidy III, R., Co-PI; Young, M., PI; Materials Science & Engineering								
GP00006	Characterization of Superconducting Thin Film Materials	Research	Superconductor Technologies Inc.	Private	Co-PI	$3,849	25%	$962
	Totals for	**Reidy III,Richard F**						**$4,341**
Scharf,Thomas W								
Scharf, T., PI; Banerjee, R., Co-PI; Materials Science & Engineering								
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	Federal	PI	$383	50%	$192
Scharf, T., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Srivilliputhur, S., Co-PI; X								
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	$42,233	8%	$3,379
	Totals for	**Scharf,Thomas W**						**$3,570**
Srivilliputhur,Srinivasan G.								
Srivilliputhur, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Scharf, T., Co-PI; X								
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	$42,233	8%	$3,379
	Totals for	**Srivilliputhur,Srinivasan G.**						**$3,379**
Voevodin,Andrey								
Voevodin, A., OTHER; Mishra, R., PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Scharf, T., Co-PI; Srivilliputhur, S., Co-PI; X								
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	$42,233	4%	$1,689

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Voevodin, A., Co-PI; Dahotre, N., PI; Banerjee, R., Co-PI; Materials Science & Engineering								
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$2,823	6%	$169
Voevodin, A., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Dahotre, N., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics								
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$6,802	25%	$1,700
Voevodin, A., PI; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Materials Science & Engineering								
GF70052	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$2,896	50%	$1,448
Voevodin, A., Co-PI; Aouadi, S., PI; Berman, D., Co-PI; Materials Science & Engineering; Aouadi, S., PI; Physics								
GF70058	Materials for Internal Combustion Engines	Research	US Army Research Laboratory	Federal	Co-PI	$2,549	33%	$841
	Totals for **Voevodin,Andrey**							**$5,848**
Xia,Zhenhai								
Xia, Z., Co-PI; Mukherjee, S., PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry								
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High-Performance Electrocatalysts	Research	National Science Foundation	Federal	Co-PI	$20,596	8%	$1,648
Xia, Z., PI; Materials Science & Engineering; Xia, Z., PI; Chemistry								
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Federal	PI	$4,364	80%	$3,491
Xia, Z., Co-PI; Mukherjee, S., PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry								
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federal	Co-PI	$2,967	16%	$475
Xia, Z., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Scharf, T., Co-PI; Srivilliputh								
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	$42,233	6.4%	$2,703
	Totals for **Xia,Zhenhai**							**$8,316**
Young,Marcus Lynn								
GF40063	Adaptive Aerostructures for Revolutionary Civil Supersonic Technologies Development	Research	Texas A & M Engineering Experiment Station	Federal	PI	$4,325	100%	$4,325
GF40111	Carbide Evolution in AF9628 Alloys	Research	Integrated Solutions for Systems, Inc.	Federal	PI	$847	100%	$847
Young, M., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI; Scharf, T., Co-PI; Srivilli								
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	$42,233	8%	$3,379

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics								
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$6,802	25%	$1,700
GF70063	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	PI	$6,840	100%	$6,840
Young, M., PI; Reidy III, R., Co-PI; Materials Science & Engineering								
GP00006	Characterization of Superconducting Thin Film Materials	Research	Superconductor Technologies Inc.	Private	PI	$3,849	75%	$2,886
GP00017	Characterization of Pb-based Batteries	Research	RSR Technologies, Inc.	Private	PI	$3,066	100%	$3,066
	Totals for **Young,Marcus Lynn**							**$23,043**
	Totals for **Materials Science & Engineering**							**$253,947**

Mechanical & Energy Engineering

Choi,Tae-Youl

Choi, T., Co-PI; Mechanical & Energy Engineering; Neogi, A., PI; Krokhin, A., Co-PI; Physics								
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	$31,676	20%	$6,335
Choi, T., PI; Simmons, D., Co-PI; Mechanical & Energy Engineering								
GF30073	Thermal Conductivity and Diffusivity of Human Cells as Biomarkers in Early-Stage Ovarian Cancer Detection	Research	National Science Foundation	Federal	PI	$5,291	80%	$4,233
GP50000	Development of a kW-Level Nanocomposites-Based Membrane Heat Pump	Research	Korea Institute of Machinery & Materials (KIMM)	Private	PI	$8	100%	$8
	Totals for **Choi,Tae-Youl**							**$10,576**

Choi,Wonbong

Choi, W., PI; Mechanical & Energy Engineering; Choi, W., PI; Materials Science & Engineering; Mehta, G., Co-PI; Electrical Engineering; Zhu, D., Co-PI; Biomedical Engineering								
GF30081	EAGER: Flexible wireless joint sensing system for knee arthroplasty	Research	National Science Foundation	Federal	PI	$1,292	8%	$103
Choi, W., PI; Mechanical & Energy Engineering; Choi, W., PI; Materials Science & Engineering								
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research and Development	Federal	PI	$3,049	20%	$610
Choi, W., PI; Mechanical & Energy Engineering; Choi, W., PI; Materials Science & Engineering								
GP50009	Development of surface stabilized Zn-anode in Zn-air battery	Research	Korea Institute of Industrial Technology	Private	PI	$333	20%	$67
	Totals for **Choi,Wonbong**							**$780**

D'Souza,Nandika Anne

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
D'Souza, N., PI; Mechanical & Energy Engineering; D'Souza, N., PI; Materials Science & Engineering								
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Federal	PI	$4,879	80%	$3,903
D'Souza, N., PI; Mechanical & Energy Engineering; D'Souza, N., PI; Materials Science & Engineering; Ludi, S., Co-PI; Computer Science & Engineering								
GP30014	College of Engineering Women in STEM	Public Service	UNT Foundation	Private	PI	$10,073	40%	$4,029
	Totals for	**D'Souza,Nandika Anne**						**$7,932**
John,Kuruvilla								
GP20067	Air Quality Impact Assessment of a Deepwater Port Structure in South Texas	Research	Port Industries of Corpus Christi	Private	PI	$2,770	100%	$2,770
	Totals for	**John,Kuruvilla**						**$2,770**
Shi,Sheldon Qiang								
Shi, S., PI; Zhang, H., Co-PI; Mechanical & Energy Engineering								
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	($11,447)	50%	($5,723)
GP6506	Development of Natural Fiber Composite Pipe Products	Research	Zhejiang Xinzhou Bamboo Composites	Private	PI	$28,325	100%	$28,325
	Totals for	**Shi,Sheldon Qiang**						**$22,602**
Simmons,Denise Perry								
Simmons, D., Co-PI; Choi, T., PI; Mechanical & Energy Engineering								
GF30073	Thermal Conductivity and Diffusivity of Human Cells as Biomarkers in Early-Stage Ovarian Cancer Detection	Research	National Science Foundation	Federal	Co-PI	$5,291	20%	$1,058
	Totals for	**Simmons,Denise Perry**						**$1,058**
Zhang,Haifeng								
GF40036	Self-Powered Wireless Through-Wall Data Communication for Nuclear Environments	Research	Virginia Polytechnic Institute and State University	Federal	PI	$1,033	100%	$1,033
Zhang, H., Co-PI; Shi, S., PI; Mechanical & Energy Engineering								
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	($11,447)	50%	($5,723)
	Totals for	**Zhang,Haifeng**						**($4,691)**
	Totals for	**Mechanical & Energy Engineering**						**$41,028**
	Totals for	**College of Engineering**						**$384,962**

College of Health & Public Service

Audiology & Speech - Language Pathology

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Schafer,Erin Cheri								
GP00042	Auditory Processing Research	Research	Sonova USA Inc.	Private	PI	$1,866	100%	$1,866
GP50004	New Oticon Hearing Technology	Research	Oticon A/S	Private	PI	$696	100%	$696
	Totals for **Schafer,Erin Cheri**							**$2,561**
	Totals for **Audiology & Speech - Language Pathology**							**$2,561**
Behavior Analysis								
Ala'i-Rosales,Shahla S								
GP20038	ESATP UNT ABA Development and Training Collaboration	Public Service	Easter Seals	Private	PI	$3,164	100%	$3,164
	Totals for **Ala'i-Rosales,Shahla S**							**$3,164**
Dracobly,Joseph Daniel								
GS00033	Behavior Analysis Resource Center: Clinic, Caseload, and Staff Training at Denton State Supported Living Center	Public Service	Texas Health and Human Services Commission	State	PI	$21,280	100%	$21,280
GS00034	Efficient Functional Assessment Process	Public Service	Texas Health and Human Services Commission	State	PI	$6,665	100%	$6,665
	Totals for **Dracobly,Joseph Daniel**							**$27,945**
	Totals for **Behavior Analysis**							**$31,109**
Communication & Professional Programs - General								
Thomas,Cecilia Louise								
GF40122	Title IV-E Training Program	Instruction	Texas Department of Family & Protective Services	Federal	PI	$28,427	100%	$28,427
	Totals for **Thomas,Cecilia Louise**							**$28,427**
	Totals for **Communication & Professional Programs - General**							**$28,427**
Disability & Addiction Rehabilitation								
Carey,Chandra Donnell								
Carey, C., Co-PI; Disability & Addiction Rehabilitation; Cartwright, A., PI; Ceballos, P., Co-PI; Counseling & Higher Education								
GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administration	Federal	Co-PI	$7,208	25%	$1,802

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Carey, C., Co-PI; Disability & Addiction Rehabilitation; Cartwright, A., PI; Counseling & Higher Education								
GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	Co-PI	$16,140	50%	$8,070
Carey, C., Co-PI; Disability & Addiction Rehabilitation; Benavides, A., PI; Public Administration								
GS00028	Health Community Collaborative Learning Community	Public Service	Texas Health and Human Services Commission	State	Co-PI	$19,513	50%	$9,757
	Totals for **Carey,Chandra Donnell**							**$19,628**
Catalano,Denise Ellen								
GF0618	Long-Term Training: Rehabilitation Counseling	Public Service	U.S. Department of Education	Federal	PI	$2,616	100%	$2,616
	Totals for **Catalano,Denise Ellen**							**$2,616**
Gafford,Lucy Victoria								
Gafford, L., PI; Disability & Addiction Rehabilitation; Pottathuparambil, R., Co-PI; Computer Science & Engineering								
GF40116	Explore STEM!	Public Service	Texas Workforce Commission	Federal	PI	($1,456)	67%	($975)
	Totals for **Gafford,Lucy Victoria**							**($975)**
Watts,Justin Robert								
GP30007	University of North Texas R.E.A.L Choices Program	Public Service	National Collegiate Athletic Association	Private	PI	$129	100%	$129
	Totals for **Watts,Justin Robert**							**$129**
	Totals for **Disability & Addiction Rehabilitation**							**$21,398**
Emergency Managementt & Disaster Science								
Siebeneck,Laura Kathryn								
GF30015	CRISP Type 2: Collaborative Research: Critical Transitions in the Resilience and Recovery of Interdependent Social and Physical Networks	Research	National Science Foundation	Federal	PI	$2,073	100%	$2,073
	Totals for **Siebeneck,Laura Kathryn**							**$2,073**
	Totals for **Emergency Managementt & Disaster Science**							**$2,073**
Public Administration								
Benavides,Abraham David								
Benavides, A., PI; Public Administration; Carey, C., Co-PI; Disability & Addiction Rehabilitation								
GS00028	Health Community Collaborative Learning Community	Public Service	Texas Health and Human Services Commission	State	PI	$19,513	50%	$9,757
	Totals for **Benavides,Abraham David**							**$9,757**
	Totals for **Public Administration**							**$9,757**
	Totals for **College of Health & Public Service**							**$95,325**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
College of Information								
Information Science								
Hawamdeh,Suliman M								
Hawamdeh, S., Co-PI; Information Science; Dantu, R., PI; Computer Science & Engineering; Kim, D., Co-PI; Information Technology & Decision Science								
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	Co-PI	$2,823	25%	$706
	Totals for	**Hawamdeh,Suliman M**						**$706**
Zavalina,Oksana Lvivna								
Zavalina, O., PI; Information Science; Chelliah, S., Co-PI; Linguistics; Phillips, M., Co-PI; Digital Libraries								
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Services	Federal	PI	$2,310	33.34%	$770
	Totals for	**Zavalina,Oksana Lvivna**						**$770**
	Totals for	**Information Science**						**$1,476**
Learning Technologies								
Christensen,Rhonda R								
Christensen, R., Co-PI; Tyler-Wood, T., PI; Knezek, G., Co-PI; Learning Technologies								
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Federal	Co-PI	($21)	33%	($7)
Christensen, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learning Technologies								
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal	Co-PI	$25,441	33%	$8,396
Christensen, R., Co-PI; Knezek, G., PI; Learning Technologies								
GP20073	Research and Evaluation for Hawaii STEM Pre-Academy	Research	Research Corporation of the University of Hawaii	Private	Co-PI	$2,300	50%	$1,150
	Totals for	**Christensen,Rhonda R**						**$9,539**
Knezek,Gerald								
Knezek, G., Co-PI; Tyler-Wood, T., PI; Christensen, R., Co-PI; Learning Technologies								
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Federal	Co-PI	($21)	33%	($7)
Knezek, G., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learning Technologies								
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal	PI	$25,441	34%	$8,650

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies								
GP20073	Research and Evaluation for Hawaii STEM Pre-Academy	Research	Research Corporation of the University of Hawaii	Private	PI	$2,300	50%	$1,150
	Totals for **Knezek,Gerald**							**$9,793**
Tyler-Wood,Tandra L								
Tyler-Wood, T., PI; Christensen, R., Co-PI; Knezek, G., Co-PI; Learning Technologies								
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Federal	PI	($21)	34%	($7)
Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies								
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federal	Co-PI	$25,441	33%	$8,396
	Totals for **Tyler-Wood,Tandra L**							**$8,389**
	Totals for **Learning Technologies**							**$27,721**
Linguistics								
Chelliah,Shobhana L								
GF30014	Dene/Athabaskan Language Conference and Workshop 2017	Research	National Science Foundation	Federal	PI	$157	100%	$157
Chelliah, S., Co-PI; Linguistics; Zavalina, O., PI; Information Science; Phillips, M., Co-PI; Digital Libraries								
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Services	Federal	Co-PI	$2,310	33.33%	$770
	Totals for **Chelliah,Shobhana L**							**$927**
Munshi,Sadaf								
GF30057	Investigation of Tonogensis and Consonant Inventories Through Language Documentation	Research	National Science Foundation	Federal	PI	$7,637	100%	$7,637
	Totals for **Munshi,Sadaf**							**$7,637**
	Totals for **Linguistics**							**$8,564**
	Totals for **College of Information**							**$37,761**
College of Liberal Arts & Social Sciences								
Geography								
Fry,Matthew Joseph								
GP20064	Policy Implications of Trans-National Shale Development in Texas and Mexico	Research	Southern Methodist University	Private	PI	$2,769	100%	$2,769
	Totals for **Fry,Matthew Joseph**							**$2,769**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Nagaoka,Lisa A								
Nagaoka, L., PI; Pan, F., Co-PI; Wolverton, S., Co-PI; Geography; Atkinson, S., Co-PI; Biological Sciences								
GF1711	Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages	Research	National Science Foundation	Federal	PI	$211	35%	$74
	Totals for	**Nagaoka,Lisa A**						**$74**
Pan,Feifei								
Pan, F., Co-PI; Nagaoka, L., PI; Wolverton, S., Co-PI; Geography; Atkinson, S., Co-PI; Biological Sciences								
GF1711	Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages	Research	National Science Foundation	Federal	Co-PI	$211	35%	$74
	Totals for	**Pan,Feifei**						**$74**
Ponette,Alexandra Gisela								
GF30001	Belmont Forum Collaborative Research: ClimateWIse: Climate-Smart Watershed Investments in the Montane Tropics of South America	Research	National Science Foundation	Federal	PI	$928	100%	$928
	Totals for	**Ponette,Alexandra Gisela**						**$928**
Wolverton,Steven John								
Wolverton, S., Co-PI; Nagaoka, L., PI; Pan, F., Co-PI; Geography; Atkinson, S., Co-PI; Biological Sciences								
GF1711	Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages	Research	National Science Foundation	Federal	Co-PI	$211	20%	$42
	Totals for	**Wolverton,Steven John**						**$42**
	Totals for	**Geography**						**$3,887**
History								
Moran,Rachel Louise								
GF30068	A History of the Definition and Diagnosis of Postpartum Depression	Research	National Science Foundation	Federal	PI	$17,015	100%	$17,015
	Totals for	**Moran,Rachel Louise**						**$17,015**
	Totals for	**History**						**$17,015**
Philosophy & Religion Studies								
Jimenez,Jaime Enrique								
Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences								
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Federal	PI	$722	6.8%	$49
	Totals for	**Jimenez,Jaime Enrique**						**$49**
Rozzi,Ricardo								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Rozzi, R., Co-PI; Jimenez, J., PI; Philosophy & Religion Studies; Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences								
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Federal	Co-PI	$722	33%	$238
	Totals for	**Rozzi,Ricardo**						**$238**
	Totals for	**Philosophy & Religion Studies**						**$287**
Psychology								
Blumenthal,Heidemarie								
Blumenthal, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-PI; Psychology								
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal	PI	$3,458	80%	$2,767
GF00012	Effect of Trauma-Related Stress During Acute Alcohol Intoxication on Driving-Related Risky Decision-Making	Research	National Institutes of Health	Federal	PI	$2,027	100%	$2,027
	Totals for	**Blumenthal,Heidemarie**						**$4,794**
Callahan,Jennifer Lynn								
Callahan, J., PI; Ruggero, C., Co-PI; Psychology								
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	$8,925	50%	$4,462
Callahan, J., PI; Ruggero, C., Co-PI; Psychology								
GS00031	UNT Clinical Psychology Academic-Clinical Partnerships	Research	Texas Higher Education Coordinating Board	State	PI	$13,360	50%	$6,680
	Totals for	**Callahan,Jennifer Lynn**						**$11,142**
Hook,Joshua Nord								
GP30004	Developing Humility in Leadership	Research	Biola University	Private	PI	$2,282	100%	$2,282
GP30018	Using Intellectual Humility to Navigate Existential Issues	Research	Hope College	Private	PI	$403	100%	$403
	Totals for	**Hook,Joshua Nord**						**$2,684**
Kelly,Kimberly S								
Kelly, K., PI; Ruggero, C., Co-PI; Psychology								
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	PI	$12,271	80%	$9,817
Kelly, K., PI; Ruggero, C., Co-PI; Psychology								
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	PI	$3,056	80%	$2,445

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for **Kelly,Kimberly S**							**$12,261**
Ruggero,Camilo								
Ruggero, C., Co-PI; Kelly, K., PI; Psychology								
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	Co-PI	$12,271	20%	$2,454
Ruggero, C., Co-PI; Kelly, K., PI; Psychology								
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal	Co-PI	$3,056	20%	$611
Ruggero, C., Co-PI; Blumenthal, H., PI; Taylor, D., Co-PI; Psychology								
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal	Co-PI	$3,458	5%	$173
Ruggero, C., Co-PI; Callahan, J., PI; Psychology								
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	$8,925	50%	$4,462
Ruggero, C., Co-PI; Callahan, J., PI; Psychology								
GS00031	UNT Clinical Psychology Academic-Clinical Partnerships	Research	Texas Higher Education Coordinating Board	State	Co-PI	$13,360	50%	$6,680
	Totals for **Ruggero,Camilo**							**$14,381**
Taylor,Daniel								
Taylor, D., Co-PI; Blumenthal, H., PI; Ruggero, C., Co-PI; Psychology								
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents	Research	National Institutes of Health	Federal	Co-PI	$3,458	15%	$519
GF4287	CAP-Treatment of Comorbid Sleep Disorders and PTSD	Research	University of Texas Health Science Center at San Antonio	Federal	PI	($675)	100%	($675)
	Totals for **Taylor,Daniel**							**($156)**
	Totals for **Psychology**							**$45,106**
Technical Communication								
Boettger,Ryan K								
Boettger, R., PI; Technical Communication; Hoeinghaus, D., Co-PI; Biological Sciences; Ludi, S., Co-PI; Computer Science & Engineering								
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal	PI	$2,465	56%	$1,380
	Totals for **Boettger,Ryan K**							**$1,380**
	Totals for **Technical Communication**							**$1,380**
World Language, Literature, & Cultures								
Costabile-Heming,Carol Anne Theresa								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP20082	Celebrating 30 Years of Freedom	Public Service	American Association of Teachers of German	Private	PI	$500	100%	$500
	Totals for **Costabile-Heming,Carol Anne Theresa**							**$500**
Filosofova,Tatiana Vladimirovna								
GF70053	Export Controlled	Instruction	National Security Agency	Federal	PI	$2,224	100%	$2,224
	Totals for **Filosofova,Tatiana Vladimirovna**							**$2,224**
	Totals for **World Language, Literature, & Cultures**							**$2,724**
	Totals for **College of Liberal Arts & Social Sciences**							**$70,401**
College of Merchandising, Hospitality & Tourism								
Hospitality & Tourism								
Leung,Xi Yu								
Leung, X., PI; Wen, H., Co-PI; Hospitality & Tourism								
GP20069	An Automated Future for Restaurants? A Study of Human-Robot-Interaction in Restaurant Takeout Orders	Research	Foodservice Systems Management Education Council (FSMEC)	Private	PI	$240	50%	$120
	Totals for **Leung,Xi Yu**							**$120**
Wen,Han								
Wen, H., Co-PI; Leung, X., PI; Hospitality & Tourism								
GP20069	An Automated Future for Restaurants? A Study of Human-Robot-Interaction in Restaurant Takeout Orders	Research	Foodservice Systems Management Education Council (FSMEC)	Private	Co-PI	$240	50%	$120
	Totals for **Wen,Han**							**$120**
	Totals for **Hospitality & Tourism**							**$240**
Merchandising & Digital Retailing								
Kim,Haejung								
Kim, H., Co-PI; Kim, J., PI; Xu, B., Co-PI; Yang, K., Co-PI; Merchandising & Digital Retailing								
GP20066	EduCotton:Collaborative Learning Environment	Instruction	Cotton Incorporated	Private	Co-PI	$2,065	20%	$413
	Totals for **Kim,Haejung**							**$413**
Kim,JiYoung								
Kim, J., PI; Kim, H., Co-PI; Xu, B., Co-PI; Yang, K., Co-PI; Merchandising & Digital Retailing								
GP20066	EduCotton:Collaborative Learning Environment	Instruction	Cotton Incorporated	Private	PI	$2,065	40%	$826
	Totals for **Kim,JiYoung**							**$826**
Xu,Bugao								
GP20013	On-Loom Fabric Defect Inspection Using Contact Image Sensors	Research	Wal-mart Foundation, Inc.	Private	PI	$648	100%	$648

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP20061	GN19-0104_Xu	Research	Cotton Incorporated	Private	PI	$2,070	100%	$2,070
GP20062	Detection of plastic contaminants in cotton ginning process using NIR optoelectronic technology	Research	Cotton Incorporated	Private	PI	$2,070	100%	$2,070
Xu, B., Co-PI; Kim, J., PI; Kim, H., Co-PI; Yang, K., Co-PI; Merchandising & Digital Retailing								
GP20066	EduCotton:Collaborative Learning Environment	Instruction	Cotton Incorporated	Private	Co-PI	$2,065	20%	$413
	Totals for **Xu,Bugao**							**$5,201**
Yang,Kiseol								
Yang, K., Co-PI; Kim, J., PI; Kim, H., Co-PI; Xu, B., Co-PI; Merchandising & Digital Retailing								
GP20066	EduCotton:Collaborative Learning Environment	Instruction	Cotton Incorporated	Private	Co-PI	$2,065	20%	$413
	Totals for **Yang,Kiseol**							**$413**
	Totals for **Merchandising & Digital Retailing**							**$6,853**
	Totals for **College of Merchandising, Hospitality & Tourism**							**$7,093**
College of Music								
Instrumental Studies								
Chesky,Kris								
GF40120	EMPOWERING BAND, CHOIR, AND ORCHESTRA TEACHERS WITH EFFECTIVE HEALTH EDUCATION STRATEGIES	Public Service	University of North Texas Health Science at Forth Worth	Federal	PI	$2,466	100%	$2,466
	Totals for **Chesky,Kris**							**$2,466**
	Totals for **Instrumental Studies**							**$2,466**
	Totals for **College of Music**							**$2,466**
College of Science								
Advanced Environmental Research								
Atkinson,Samuel F								
GP40015	Aquatic Macrophyte Restoration Project	Research	City of Austin	Private	PI	$479	100%	$479
	Totals for **Atkinson,Samuel F**							**$479**
Crossley II,Dane Alan								
GF30069	Collaborative Research: Effect Of Developmental Hypoxia On Juvenile Cardiac Function	Research	National Science Foundation	Federal	PI	$9,052	100%	$9,052
	Totals for **Crossley II,Dane Alan**							**$9,052**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Kennedy,James H								
GP40014	Surveillance of Mosquitoes and Arboviruses Including West Nile Virus in the City of Denton During the 2019 Mosquito Season	Research	City of Denton	Private	PI	$2,269	100%	$2,269
	Totals for	**Kennedy,James H**						**$2,269**
Roberts,Aaron Patrick								
GF40118	Effects of PCB on Early Lifestage Zebrafish	Research	ABT Associates, Inc	Federal	PI	$3,113	100%	$3,113
	Totals for	**Roberts,Aaron Patrick**						**$3,113**
	Totals for	**Advanced Environmental Research**						**$14,914**
Biological Sciences								
Alonso,Ana paula								
GF10503	Systems Approach to Understanding and Improving Industrial Oil Biosynthesis in an Emerging Crop Physaria fendleri	Research	U.S. Department of Agriculture	Federal	PI	$15,788	100%	$15,788
GF40090	Collaborative Research : Dimensions : Secondary Metabolites as Drivers of Fungal Endophyte Community Diversity	Research	The Ohio State University	Federal	PI	$8,352	100%	$8,352
GF70041	Development of Resources and Tools to Improve Oil Content and Quality in Pennycress	Research	U.S. Department of Energy	Federal	PI	$31,269	100%	$31,269
Alonso, A., Co-PI; Chapman, K., PI; Biological Sciences								
GF70060	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	Co-PI	$70	50%	$35
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	$6,719	100%	$6,719
	Totals for	**Alonso,Ana paula**						**$62,163**
Atkinson,Samuel F								
Atkinson, S., Co-PI; Biological Sciences; Nagaoka, L., PI; Pan, F., Co-PI; Wolverton, S., Co-PI; Geography								
GF1711	Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages	Research	National Science Foundation	Federal	Co-PI	$211	10%	$21
	Totals for	**Atkinson,Samuel F**						**$21**
Ayre,Brian G								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
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	$8,512	100%	$8,512
Ayre, B., PI; McGarry, R., Co-PI; Biological Sciences								
GP20065	Manipulating the CLAVATA-WUSCHEL circuit to generate fasciated cotton bolls for robot harvesting	Research	Cotton Incorporated	Private	PI	$4,033	50%	$2,017
Ayre, B., PI; McGarry, R., Co-PI; Biological Sciences								
GP50010	Elucidating and manipulating the CLAVATA-WUSCHEL circuit in cotton to understand meristem homeostasis in relation to fruit size and shape	Research	US Israel Binational Agricultural Research & Development- BARD	Private	PI	$2,659	50%	$1,330
	Totals for **Ayre,Brian G**							**$11,858**
Azad,Rajeev Kumar								
Azad, R., Co-PI; Padilla, P., PI; Biological Sciences; Azad, R., Co-PI; Mathematics								
GF00001	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Federal	Co-PI	$9,077	24%	$2,179
Azad, R., Co-PI; Jagadeeswaran, P., PI; Biological Sciences; Azad, R., Co-PI; Mathematics								
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Federal	Co-PI	$7,427	6%	$446
Azad, R., PI; Biological Sciences; Azad, R., PI; Mathematics								
GF40125	MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	University of Missouri-Columbia	Federal	PI	$416	60%	$249
	Totals for **Azad,Rajeev Kumar**							**$2,874**
Burggren,Warren W								
GF70045	High-Throughput Neurotoxicity Screening of Chemical Compounds Service	Research	U.S. Army	Federal	PI	$1,207	100%	$1,207
Burggren, W., PI; Jagadeeswaran, P., Co-PI; Biological Sciences								
GP00029	Assessment of CardioActive Compounds	Research	AstraZeneca PLC	Private	PI	$94	60%	$56
Burggren, W., Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Mager, E., Co-PI; Biological Sciences								
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	$36,305	25%	$9,076
Burggren, W., Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Biological Sciences								
GP6453	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	University of Miami - School of Medicine	Private	Co-PI	($1,845)	33%	($609)
	Totals for **Burggren,Warren W**							**$9,730**
Chapman,Kent D								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30020	Molecular Targets and Actions of Ethanolamide-Conjugated Oxylipins in Arabidopsis Thaliana	Research	National Science Foundation	Federal	PI	$13,485	100%	$13,485
GF70010	Elucidating the Cellular Machinery for Lipid Storage in Plants	Research	U.S. Department of Energy	Federal	PI	$13,653	100%	$13,653
Chapman, K., PI; Alonso, A., Co-PI; Biological Sciences								
GF70060	Functional Analysis of Candidate Genes Involved in Oil Storage and Stability in Pennycress	Research	U.S. Department of Energy	Federal	PI	$70	50%	$35
GP00030	Embryogenic Cell Culture Screening System for Herbicide Tolerance	Research	BASF Plant Science, LP	Private	PI	$14,664	100%	$14,664
GP20063	Engineering Seed Value in Cotton	Research	Cotton Incorporated	Private	PI	$14,017	100%	$14,017
	Totals for	**Chapman,Kent D**						**$55,854**
Chen,Fang								
Chen, F., Co-PI; Dixon, R., PI; Biological Sciences								
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Federal	Co-PI	$39,159	50%	$19,580
	Totals for	**Chen,Fang**						**$19,580**
Crossley II,Dane Alan								
Crossley II, D., Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Mager, E., Co-PI; Biological Sciences								
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	$36,305	25%	$9,076
Crossley II, D., Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Biological Sciences								
GP6453	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	University of Miami - School of Medicine	Private	Co-PI	($1,845)	33%	($609)
	Totals for	**Crossley II,Dane Alan**						**$8,467**
Dickstein,Rebecca								
GF40073	Research-PGR: Functional Genomics of Beneficial Legume-Microbe Interactions	Research	Samuel Roberts Noble Foundation, Inc.	Federal	PI	$5,299	100%	$5,299
	Totals for	**Dickstein,Rebecca**						**$5,299**
Dixon,Richard Arthur								
Dixon, R., PI; Chen, F., Co-PI; Biological Sciences								
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Federal	PI	$39,159	50%	$19,580

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
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	$8,490	100%	$8,490
GP6331	Molecular Approaches to Improved Protein Utilization in Alfalfa	Research	Forage Genetics International	Private	PI	$11,498	100%	$11,498
GP6433	Condensed Tannin Expression in Row Crops	Research	Grasslanz Technology Limited (GTL)	Private	PI	$13,854	100%	$13,854
	Totals for	**Dixon,Richard Arthur**						**$53,422**
Hoeinghaus,David Joseph								
Hoeinghaus, D., Co-PI; Biological Sciences; Boettger, R., PI; Technical Communication; Ludi, S., Co-PI; Computer Science & Engineering								
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Federal	Co-PI	$2,465	22%	$542
GS00029	Environmental Flow Regime Assessment and Development of a Monitoring Framework	Research	Texas A&M AgriLife Extension Service	State	PI	$863	100%	$863
	Totals for	**Hoeinghaus,David Joseph**						**$1,405**
Hughes,Lee E								
Hughes, L., Co-PI; Biological Sciences; Eddy, C., PI; Harrell, P., Co-PI; Teacher Education & Administration; Quintanilla, J., Co-PI; Mathematics								
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	Co-PI	($100)	6%	($6)
Hughes, L., PI; Padilla, P., Co-PI; Biological Sciences								
GF1673	Fostering Outstanding Cohorts in Undergraduate Science II	Instruction	National Science Foundation	Federal	PI	$33	66.67%	$22
	Totals for	**Hughes,Lee E**						**$16**
Jagadeeswaran,Pudur								
Jagadeeswaran, P., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics								
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Federal	PI	$7,427	90%	$6,684
Jagadeeswaran, P., Co-PI; Burggren, W., PI; Biological Sciences								
GP00029	Assessment of CardioActive Compounds	Research	AstraZeneca PLC	Private	Co-PI	$94	40%	$37
	Totals for	**Jagadeeswaran,Pudur**						**$6,721**
Jimenez,Jaime Enrique								
Jimenez, J., PI; Kennedy, J., Co-PI; Biological Sciences; Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies								
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Federal	PI	$722	27.2%	$196
	Totals for	**Jimenez,Jaime Enrique**						**$196**
Kennedy,James H								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Kennedy, J., Co-PI; Jimenez, J., PI; Biological Sciences; Jimenez, J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies								
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Federal	Co-PI	$722	33%	$238
	Totals for	**Kennedy,James H**						**$238**
Lund,Amie Kathleen								
Lund, A., PI; Mcfarlin, B., Co-PI; Biological Sciences; Mcfarlin, B., Co-PI; Kinesiology, Health Promotion, & Recreation								
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Federal	PI	$13,160	80%	$10,528
	Totals for	**Lund,Amie Kathleen**						**$10,528**
Mager,Edward Michael								
Mager, E., Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Biological Sciences								
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	$36,305	25%	$9,076
	Totals for	**Mager,Edward Michael**						**$9,076**
Mcfarlin,Brian Keith								
Mcfarlin, B., Co-PI; Lund, A., PI; Biological Sciences; Mcfarlin, B., Co-PI; Kinesiology, Health Promotion, & Recreation								
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Federal	Co-PI	$13,160	2%	$263
Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation								
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Private	PI	$2,508	5%	$125
Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., PI; Olson, R., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation								
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	PI	$538	6.5%	$35
Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation								
GP20027	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of a Boswellia-Curcumin Supplement?	Research	Unibar Corporation	Private	PI	$2,916	6%	$175
	Totals for	**Mcfarlin,Brian Keith**						**$598**
McGarry,Roisin Carrie								
McGarry, R., Co-PI; Ayre, B., PI; Biological Sciences								
GP20065	Manipulating the CLAVATA-WUSCHEL circuit to generate fasciated cotton bolls for robot harvesting	Research	Cotton Incorporated	Private	Co-PI	$4,033	50%	$2,017
McGarry, R., Co-PI; Ayre, B., PI; Biological Sciences								
GP50010	Elucidating and manipulating the CLAVATA-WUSCHEL circuit in cotton to understand meristem homeostasis in relation to fruit size and shape	Research	US Israel Binational Agricultural Research & Development- BARD	Private	Co-PI	$2,659	50%	$1,330
	Totals for	**McGarry,Roisin Carrie**						**$3,346**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Padilla,Pamela A								
Padilla, P., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics								
GF00001	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Federal	PI	$9,077	60%	$5,446
Padilla, P., Co-PI; Hughes, L., PI; Biological Sciences								
GF1673	Fostering Outstanding Cohorts in Undergraduate Science II	Instruction	National Science Foundation	Federal	Co-PI	$33	33.33%	$11
GF30004	Regulation of Mitochondrial Functions by Iron and Ceramides in C. elegans	Research	National Science Foundation	Federal	PI	$7,083	100%	$7,083
	Totals for **Padilla,Pamela A**							**$12,540**
Roberts,Aaron Patrick								
Roberts, A., PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Mager, E., Co-PI; Biological Sciences								
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	$36,305	25%	$9,076
Roberts, A., PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Biological Sciences								
GP6453	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	University of Miami - School of Medicine	Private	PI	($1,845)	34%	($627)
	Totals for **Roberts,Aaron Patrick**							**$8,449**
Shah,Jyoti								
GF10501	Developing Resistance to Fusarium Head Blight in Wheat	Research	U.S. Department of Agriculture	Federal	PI	$6,445	100%	$6,445
	Totals for **Shah,Jyoti**							**$6,445**
Thompson,Ruthanne								
GP40013	Dallas Environmental Education Initiative	Research	City of Dallas	Private	PI	$33,718	100%	$33,718
GP7624	The Dallas Environmental Education Initiative	Instruction	City of Dallas	Private	PI	$10,580	100%	$10,580
	Totals for **Thompson,Ruthanne**							**$44,299**
Verbeck IV,Guido Fridolin								
Verbeck IV, G., OTHER; Biological Sciences; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R., Co-PI								
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	$42,233	1.2%	$507
Verbeck IV, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry								
GP00044	Tuúngara Frog Foam Recombinant Synthesis	Research	Biome Solutions Inc	Private	PI	$3,713	30%	$1,114

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Verbeck IV, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry								
GP00045	Development of Two (2) Portable Breathalyzers for the Detection of Opioids	Research	InspectIR Systems, LLC	Private	PI	$9,048	30%	$2,715
Verbeck IV, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistry								
GP10005	Machine Learning for Robotics Team: Development of a Portable Mass Spectrometer for the Detection of CWA at the Water Air Interface	Research	University of Texas at Dallas	Private	PI	$11,641	30%	$3,492
	Totals for	**Verbeck IV,Guido Fridolin**						**$7,827**
Vingren,Jakob Langberg								
Vingren, J., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation								
GP00022	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of an IminoSugar Supplement?	Research	Gateway Health Alliances, Inc.	Private	Co-PI	$2,508	4%	$100
Vingren, J., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B., PI; Olson, R., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation								
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Private	Co-PI	$538	1.5%	$8
Vingren, J., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, & Recreation								
GP20027	Is Recovery from an Intensified Exercise Protocol Accelerated by Consumption of a Boswellia-Curcumin Supplement?	Research	Unibar Corporation	Private	Co-PI	$2,916	4%	$117
	Totals for	**Vingren,Jakob Langberg**						**$225**
	Totals for	**Biological Sciences**						**$341,179**
Chemistry								
Bagus,Paul S								
GF40103	Fundamental Mechanisms of Reactivity at Complex Geochemical Interfaces	Research	Pacific Northwest National Laboratory	Federal	PI	$3,342	100%	$3,342
	Totals for	**Bagus,Paul S**						**$3,342**
Buongiorno Nardelli,Marco								
Buongiorno Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M., PI; Physics								
GF40104	Q4Q: Quantum Computation for Quantum Prediction of Materials and Molecular Properties	Research	University of Southern California	Federal	PI	$11,819	20%	$2,364
	Totals for	**Buongiorno Nardelli,Marco**						**$2,364**
Chyan,Oliver M R								
GP20051	Novel Chemical Approaches to Enhance Etch Anisotropy	Research	Semiconductor Research Corporation	Private	PI	$10,659	100%	$10,659
	Totals for	**Chyan,Oliver M R**						**$10,659**
Cisneros,Gerardo Andres								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF00013	Investigation of DNA Modifying Enzymes by Computational Simulations: Development and Applications	Research	National Institutes of Health	Federal	PI	$14,837	100%	$14,837
GF30078	Collaborative Research: Computational Investigation of Solvent Effects on Enzyme Catalysis	Research	National Science Foundation	Federal	PI	$3,433	100%	$3,433
	Totals for	**Cisneros,Gerardo Andres**						**$18,270**

Cundari,Thomas Richard

Cundari, T., Co-PI; Wilson, A., PI; Chemistry

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	$2,492	50%	$1,246
G73184	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	Research	U.S. Department of Energy	Federal	PI	$3,341	100%	$3,341
GF1740	Earth-abundant Metal Catalysts for the Functionalization of Strong Carbon-Hydrogen Bonds	Research	National Science Foundation	Federal	PI	$7,135	100%	$7,135
GP00037	Computational Chemistry Research for Novel Anti-Inflammatory Medicines	Research	Reata Pharmaceuticals	Private	PI	$912	100%	$912
GP00056	Exploring The Fundamentals of Olefin Dimerization with Organometallic Catalysts	Research	Exxon Mobil	Private	PI	$3,100	100%	$3,100
GP10004	Computational Chemistry Research for Novel Anti-Inflammatory Medicines	Research	Michigan State University	Private	PI	$2,774	100%	$2,774
GP20020	Activation of Light Alkanes by Earth-Abundant Metal-Oxo Catalysts	Research	American Chemical Society	Private	PI	$2,312	100%	$2,312
GP20075	Hydridic Activation of Light Alkanes	Research	Robert A. Welch Foundation	Private	PI	$365	100%	$365
	Totals for	**Cundari,Thomas Richard**						**$21,185**

D'souza,Francis

D'souza, F., Co-PI; Wang, H., PI; Chemistry; D'souza, F., Co-PI; Materials Science & Engineering

GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Federal	Co-PI	$11,392	32%	$3,645
	Totals for	**D'souza,Francis**						**$3,645**

Richmond,Michael George

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP7633	Synthesis and Reactivity Studies of Metal Clusters	Research	Robert A. Welch Foundation	Private	PI	$4,530	100%	$4,530
	Totals for	**Richmond,Michael George**						**$4,530**
Slaughter III,Legrande Mancel								
Slaughter III, L., PI; Chemistry; Du, J., Co-PI; Materials Science & Engineering								
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Federal	PI	$15,105	80%	$12,084
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Private	PI	$3,849	100%	$3,849
	Totals for	**Slaughter III,Legrande Mancel**						**$15,933**
Verbeck IV,Guido Fridolin								
Verbeck IV, G., OTHER; Xia, Z., Co-PI; Chemistry; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R.,								
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	$42,233	2.8%	$1,183
Verbeck IV, G., PI; Chemistry; Verbeck IV, G., PI; Biological Sciences								
GP00044	Tuúngara Frog Foam Recombinant Synthesis	Research	Biome Solutions Inc	Private	PI	$3,713	70%	$2,599
Verbeck IV, G., PI; Chemistry; Verbeck IV, G., PI; Biological Sciences								
GP00045	Development of Two (2) Portable Breathalyzers for the Detection of Opioids	Research	InspectIR Systems, LLC	Private	PI	$9,048	70%	$6,334
Verbeck IV, G., PI; Chemistry; Verbeck IV, G., PI; Biological Sciences								
GP10005	Machine Learning for Robotics Team: Development of a Portable Mass Spectrometer for the Detection of CWA at the Water Air Interface	Research	University of Texas at Dallas	Private	PI	$11,641	70%	$8,149
	Totals for	**Verbeck IV,Guido Fridolin**						**$18,264**
Wang,Hong								
Wang, H., PI; D'souza, F., Co-PI; Chemistry; D'souza, F., Co-PI; Materials Science & Engineering								
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Federal	PI	$11,392	60%	$6,835
	Totals for	**Wang,Hong**						**$6,835**
Wilson,Angela Kay								
Wilson, A., PI; Cundari, T., Co-PI; Chemistry								
G72762	Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCaM)	Research	U.S. Department of Energy	Federal	PI	$2,492	50%	$1,246
	Totals for	**Wilson,Angela Kay**						**$1,246**
Xia,Zhenhai								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Xia, Z., Co-PI; Chemistry; Mukherjee, S., PI; Xia, Z., Co-PI; Materials Science & Engineering								
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High-Performance Electrocatalysts	Research	National Science Foundation	Federal	Co-PI	$20,596	2%	$412
Xia, Z., PI; Chemistry; Xia, Z., PI; Materials Science & Engineering								
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Federal	PI	$4,364	20%	$873
Xia, Z., Co-PI; Chemistry; Mukherjee, S., PI; Xia, Z., Co-PI; Materials Science & Engineering								
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Federal	Co-PI	$2,967	4%	$119
Xia, Z., Co-PI; Verbeck IV, G., OTHER; Chemistry; Mishra, R., PI; Voevodin, A., OTHER; Banerjee, R., Co-PI; Dahotre, N., Co-PI; Du, J., Co-PI; Mukherjee, S., Co-PI; Reidy III, R.,								
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	$42,233	1.6%	$676
	Totals for **Xia,Zhenhai**							**$2,079**
	Totals for **Chemistry**							**$108,353**

COS - Student Services

Beck,Debrah Ann

GS80010	UNT Joint Admission Medical Program 2019-2020	Public Service	University of Texas at Austin Joint Admission Medical Program Council: Admissions Medical Program	State	PI	$1,487	100%	$1,487
	Totals for **Beck,Debrah Ann**							**$1,487**
	Totals for **COS - Student Services**							**$1,487**

Institute for Applied Sciences

O'Neill II,Martin Joseph

O'Neill II, M., PI; Institute for Applied Sciences; Mikler, A., Co-PI; Computer Science & Engineering								
GF40102	Providing RE-PLAN to Support Response Planning for Los Angeles County, California	Public Service	Los Angeles County	Federal	PI	$663	50%	$331
O'Neill II, M., Co-PI; Institute for Applied Sciences; Mikler, A., PI; Computer Science & Engineering								
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	$16,804	50%	$8,402
	Totals for **O'Neill II,Martin Joseph**							**$8,733**
	Totals for **Institute for Applied Sciences**							**$8,733**

Mathematics

Azad,Rajeev Kumar

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Azad, R., Co-PI; Mathematics; Padilla, P., PI; Azad, R., Co-PI; Biological Sciences								
GF00001	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Federal	Co-PI	$9,077	16%	$1,452
Azad, R., Co-PI; Mathematics; Jagadeeswaran, P., PI; Azad, R., Co-PI; Biological Sciences								
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Federal	Co-PI	$7,427	4%	$297
Azad, R., PI; Mathematics; Azad, R., PI; Biological Sciences								
GF40125	MCB-BSF: Integrating ROS, redox and cell metabolism across plant and animal cells	Research	University of Missouri-Columbia	Federal	PI	$416	40%	$166
	Totals for **Azad,Rajeev Kumar**							**$1,916**
Conley,Charles H								
GP20037	Contact Schwarzians, Extremal Projectors, and Infinitesimal Characters	Research	Simons Foundation	Private	PI	$365	100%	$365
	Totals for **Conley,Charles H**							**$365**
Gao,Su								
Gao, S., PI; Jackson, S., Co-PI; Mathematics								
GF30046	Descriptive Dynamics and Borel Combinatorics of Group Actions	Research	National Science Foundation	Federal	PI	$6,870	50%	$3,435
	Totals for **Gao,Su**							**$3,435**
Jackson,Stephen Craig								
Jackson, S., Co-PI; Gao, S., PI; Mathematics								
GF30046	Descriptive Dynamics and Borel Combinatorics of Group Actions	Research	National Science Foundation	Federal	Co-PI	$6,870	50%	$3,435
	Totals for **Jackson,Stephen Craig**							**$3,435**
Quintanilla,John Anthony								
Quintanilla, J., Co-PI; Mathematics; Eddy, C., PI; Harrell, P., Co-PI; Teacher Education & Administration; Hughes, L., Co-PI; Biological Sciences								
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Federal	Co-PI	($100)	8%	($8)
	Totals for **Quintanilla,John Anthony**							**($8)**
Schmidt,Ralf								
GP20008	Real-Analytic Automorphic Forms and Applications	Research	Simons Foundation	Private	PI	$325	100%	$325
GP20059	Random and Conformal Dynamical Systems	Research	Simons Foundation	Private	PI	$108	100%	$108
GP20077	New theoretical and computational methods for Siegel modular forms	Research	Simons Foundation	Private	PI	($1,424)	100%	($1,424)
	Totals for **Schmidt,Ralf**							**($991)**
Urbanski,Mariusz								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GP20058	Random and Conformal Dynamical Systems	Research	Simons Foundation	Private	PI	$984	100%	$984
	Totals for	**Urbanski,Mariusz**						**$984**
Wang,Xuexia								
GF40117	BMT Survivor Study-2 (BMTSS-2)	Research	The University of Alabama at Birmingham	Federal	PI	($2,335)	100%	($2,335)
	Totals for	**Wang,Xuexia**						**($2,335)**
	Totals for	**Mathematics**						**$6,801**
Physics								
Andreussi,Oliviero								
GP20074	Modelling solvation-driven rare-events: from drug design to protein folding	Research	Robert A. Welch Foundation	Private	PI	$5,689	100%	$5,689
	Totals for	**Andreussi,Oliviero**						**$5,689**
Aouadi,Samir M								
Aouadi, S., Co-PI; Physics; Young, M., PI; Aouadi, S., Co-PI; Berman, D., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering								
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal	Co-PI	$6,802	5%	$340
Aouadi, S., PI; Physics; Aouadi, S., PI; Berman, D., Co-PI; Voevodin, A., Co-PI; Materials Science & Engineering								
GF70058	Materials for Internal Combustion Engines	Research	US Army Research Laboratory	Federal	PI	$2,549	6.8%	$173
	Totals for	**Aouadi,Samir M**						**$513**
Buongiorno Nardelli,Marco								
Buongiorno Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; Chemistry								
GF40104	Q4Q: Quantum Computation for Quantum Prediction of Materials and Molecular Properties	Research	University of Southern California	Federal	PI	$11,819	80%	$9,455
	Totals for	**Buongiorno Nardelli,Marco**						**$9,455**
Glass,Gary Alan								
GF50002	Estradiol Regulation of Hypothalamic Astrocyte Glycogen	Research	University of Louisiana at Monroe	Federal	PI	$4,259	100%	$4,259
Glass, G., PI; Rout, B., Co-PI; Physics								
GP00041	Electrostatic Microprobe Lens System	Research	National Electrostatics Corp.	Private	PI	$164	50%	$82
	Totals for	**Glass,Gary Alan**						**$4,341**
Grigolini,Paolo								
GF70054	Self-Organization of Social Systems	Research	Army Research Office	Federal	PI	$6,054	100%	$6,054

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	**Grigolini,Paolo**						**$6,054**
Krokhin,Arkadii								
Krokhin, A., Co-PI; Neogi, A., PI; Physics; Choi, T., Co-PI; Mechanical & Energy Engineering								
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	$31,676	30%	$9,503
	Totals for	**Krokhin,Arkadii**						**$9,503**
Lin,Yuankun								
Lin, Y., PI; Physics; Lin, Y., PI; Electrical Engineering								
GF30032	Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Research	National Science Foundation	Federal	PI	$4,110	75%	$3,082
	Totals for	**Lin,Yuankun**						**$3,082**
Littler,Christopher Leslie								
Littler, C., Co-PI; Syllaios, A., PI; Philipose, U., Co-PI; Physics								
GP00055	Measurement of Material Properties of Vanadium Oxide (VOx) Development, Research, and Engineering of Advance MicrobolometersMicrobolometers and ROICs (DREAMR)	Research	DRS Network & Imagining Systems, LLC	Private	Co-PI	$14,579	20%	$2,916
	Totals for	**Littler,Christopher Leslie**						**$2,916**
Neogi,Arup								
Neogi, A., PI; Krokhin, A., Co-PI; Physics; Choi, T., Co-PI; Mechanical & Energy Engineering								
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	$31,676	50%	$15,838
	Totals for	**Neogi,Arup**						**$15,838**
Ordonez,Carlos A								
GF30052	Equilibria of Two Relaxed Plasma Species With One Species Confined by the Space Charge of the Other Species	Research	National Science Foundation	Federal	PI	$5,969	100%	$5,969
	Totals for	**Ordonez,Carlos A**						**$5,969**
Philipose,Usha								
Philipose, U., Co-PI; Syllaios, A., PI; Littler, C., Co-PI; Physics								
GP00055	Measurement of Material Properties of Vanadium Oxide (VOx) Development, Research, and Engineering of Advance MicrobolometersMicrobolometers and ROICs (DREAMR)	Research	DRS Network & Imagining Systems, LLC	Private	Co-PI	$14,579	30%	$4,374
	Totals for	**Philipose,Usha**						**$4,374**
Rout,Bibhudutta								
Rout, B., Co-PI; Glass, G., PI; Physics								
GP00041	Electrostatic Microprobe Lens System	Research	National Electrostatics Corp.	Private	Co-PI	$164	50%	$82
	Totals for	**Rout,Bibhudutta**						**$82**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Shemmer,Ohad								
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	$3,027	100%	$3,027
	Totals for	**Shemmer,Ohad**						**$3,027**
Shiner,David C								
GF1694	Precision Laser Studies of Basic Atoms and Nuclei	Research	National Science Foundation	Federal	PI	($1,040)	100%	($1,040)
	Totals for	**Shiner,David C**						**($1,040)**
Syllaios,Athanasios John								
GP00053	Testing of electrical conduction of amorphous silicon thin films	Research	Obsidian Sensors, Inc.	Private	PI	$3,848	100%	$3,848
Syllaios, A., PI; Littler, C., Co-PI; Philipose, U., Co-PI; Physics								
GP00055	Measurement of Material Properties of Vanadium Oxide (VOx) Development, Research, and Engineering of Advance MicrobolometersMicrobolometers and ROICs (DREAMR)	Research	DRS Network & Imagining Systems, LLC	Private	PI	$14,579	50%	$7,289
	Totals for	**Syllaios,Athanasios John**						**$11,138**
	Totals for	**Physics**						**$80,940**
Teach North Texas								
Thompson,Ruthanne								
GF40108	Expanding and Strengthening STEM Teacher Workforce Through UTeach	Research	University of Texas at Austin	Federal	PI	$12,195	100%	$12,195
GP30017	Teach North Texas Augmented Reality Classroom	Research	Communities Foundation of Texas	Private	PI	$31,266	100%	$31,266
	Totals for	**Thompson,Ruthanne**						**$43,462**
	Totals for	**Teach North Texas**						**$43,462**
	Totals for	**College of Science**						**$605,869**
Admissions								
Outreach & Recruit U/G Opp								
Keller,Marian Jean								
GS00018	Work Study Mentorship Program	Public Service	Texas Higher Education Coordinating Board	State	PI	$24,191	100%	$24,191

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	**Keller,Marian Jean**						**$24,191**
		Totals for	**Outreach & Recruit U/G Opp**						**$24,191**
		Totals for	**Admissions**						**$24,191**

Honors College

Honors College - Dean's Office

Caffrey,Kevin Neal

GF20004	The University of North Texas Ronald E. McNair Postbaccalaureate Achievement Program, 2018-2022		Instruction	U.S. Department of Education	Federal	PI	$16,547	100%	$16,547
		Totals for	**Caffrey,Kevin Neal**						**$16,547**
		Totals for	**Honors College - Dean's Office**						**$16,547**
		Totals for	**Honors College**						**$16,547**

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	$12,949	100%	$12,949
		Totals for	**Roe,Lesa Benton**						**$12,949**
		Totals for	**Office of the President**						**$12,949**
		Totals for	**Office of the President**						**$12,949**

Research & Innovation

Advanced Materials and Manufacturing Processes Institute (AMMPI)

Choi,Tae-Youl

Choi, T., Co-PI; Neogi, A., PI; Dahotre, N., Co-PI; Krokhin, A., Co-PI; Advanced Materials and Manufacturing Processes Institute (AMMPI)

GP00052	Nondestructive remote sensing of additive manufactured material properties based on Ultrasonic Elastography		Research	CTL Medical	Private	Co-PI	$1,214	25%	$303
		Totals for	**Choi,Tae-Youl**						**$303**

Dahotre,Narendra B

Dahotre, N., Co-PI; Neogi, A., PI; Choi, T., Co-PI; Krokhin, A., Co-PI; Advanced Materials and Manufacturing Processes Institute (AMMPI)

GP00052	Nondestructive remote sensing of additive manufactured material properties based on Ultrasonic Elastography		Research	CTL Medical	Private	Co-PI	$1,214	25%	$303
		Totals for	**Dahotre,Narendra B**						**$303**

Krokhin,Arkadii

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Krokhin, A., Co-PI; Neogi, A., PI; Choi, T., Co-PI; Dahotre, N., Co-PI; Advanced Materials and Manufacturing Processes Institute (AMMPI)								
GP00052	Nondestructive remote sensing of additive manufactured material properties based on Ultrasonic Elastography	Research	CTL Medical	Private	Co-PI	$1,214	25%	$303
	Totals for **Krokhin,Arkadii**							**$303**
Neogi,Arup								
Neogi, A., PI; Choi, T., Co-PI; Dahotre, N., Co-PI; Krokhin, A., Co-PI; Advanced Materials and Manufacturing Processes Institute (AMMPI)								
GP00052	Nondestructive remote sensing of additive manufactured material properties based on Ultrasonic Elastography	Research	CTL Medical	Private	PI	$1,214	25%	$303
	Totals for **Neogi,Arup**							**$303**
	Totals for **Advanced Materials and Manufacturing Processes Institute (AMMPI)**							**$1,214**
Tech Transfer & Economic Dev								
Tudor,Steven Paul								
Tudor, S., Co-PI; Tech Transfer & Economic Dev; Mukherjee, S., PI; Materials Science & Engineering								
GF30075	PFI-TT: Next Generation Fuel Cell Catalysts for Efficient Energy Conversion	Research	National Science Foundation	Federal	Co-PI	$4,048	0%	$0
	Totals for **Tudor,Steven Paul**							**$0**
	Totals for **Tech Transfer & Economic Dev**							**$0**
	Totals for **Research & Innovation**							**$1,214**
Student Affairs - General								
Student Affairs - General								
McGuinness,Maureen								
GS00032	OVAG Program	Public Service	Office of Attorney General, Texas	State	PI	$1,676	100%	$1,676
	Totals for **McGuinness,Maureen**							**$1,676**
	Totals for **Student Affairs - General**							**$1,676**
	Totals for **Student Affairs - General**							**$1,676**
Student Engagement								
UNT TRIO								
Craig,Detra Danielle								
GF0616	University of North Texas Student Support Services TRIO	Public Service	U.S. Department of Education	Federal	PI	$36,928	100%	$36,928
	Totals for **Craig,Detra Danielle**							**$36,928**
Dean,Karen Rawlings								
GF20001	UNT HEB Talent Search	Public Service	U.S. Department of Education	Federal	PI	$19,847	100%	$19,847

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
		Totals for	**Dean,Karen Rawlings**						**$19,847**
Maloney,Beverly Ann									
GF20000	UNT Talent Search		Public Service	U.S. Department of Education	Federal	PI	$45,493	100%	$45,493
		Totals for	**Maloney,Beverly Ann**						**$45,493**
Nelson,Tori Lynn									
GF20002	Upward Bound Program		Public Service	U.S. Department of Education	Federal	PI	$23,399	100%	$23,399
		Totals for	**Nelson,Tori Lynn**						**$23,399**
		Totals for	**UNT TRIO**						**$125,668**
		Totals for	**Student Engagement**						**$125,668**
Toulouse Graduate School									
Toulouse Graduate School - Dean's Office									
Oppong,Joseph R									
GF30026	Graduate Research Fellowship Program		Research	National Science Foundation	Federal	PI	$5,732	100%	$5,732
		Totals for	**Oppong,Joseph R**						**$5,732**
		Totals for	**Toulouse Graduate School - Dean's Office**						**$5,732**
		Totals for	**Toulouse Graduate School**						**$5,732**
University Library									
Digital Libraries									
Phillips,Mark Edward									
GF70032	Programmatic Extraction of "Documents" from Web Archives		Research	Institute of Museum and Library Services	Federal	PI	$5,031	100%	$5,031
Phillips, M., Co-PI; Digital Libraries; Zavalina, O., PI; Information Science; Chelliah, S., Co-PI; Linguistics									
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives		Research	Institute of Museum and Library Services	Federal	Co-PI	$2,310	33.33%	$770
		Totals for	**Phillips,Mark Edward**						**$5,801**
		Totals for	**Digital Libraries**						**$5,801**
Special Libraries									
Gieringer,Morgan Davis									
GP40010	DART Archives Project		Public Service	Dallas Area Rapid Transit	Private	PI	$8,941	100%	$8,941
		Totals for	**Gieringer,Morgan Davis**						**$8,941**

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	**Special Libraries**						**$8,941**
University Library - General								
Hawkins,Kevin Scott								
Hawkins, K., PI; Martin, J., Co-PI; University Library - General								
GF2705	Broadening Access to Books on Texas and Oklahoma	Public Service	National Endowment for the Humanities	Federal	PI	$386	50%	$193
	Totals for	**Hawkins,Kevin Scott**						**$193**
Martin,John Edward								
Martin, J., Co-PI; Hawkins, K., PI; University Library - General								
GF2705	Broadening Access to Books on Texas and Oklahoma	Public Service	National Endowment for the Humanities	Federal	Co-PI	$386	50%	$193
	Totals for	**Martin,John Edward**						**$193**
Phillips,Mark Edward								
GF70014	Texas Digital Newspaper Project, Phase Four	Public Service	National Endowment for the Humanities	Federal	PI	$6,951	100%	$6,951
	Totals for	**Phillips,Mark Edward**						**$6,951**
	Totals for	**University Library - General**						**$7,337**
	Totals for	**University Library**						**$22,080**
UNTH Clinical Practice Group								
Marketing								
Nowicki,David Richard								
Nowicki, D., PI; Marketing; Nowicki, D., PI; Bomba, M., Co-PI; Marketing & Logistics								
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	$28,588	40%	$11,435
	Totals for	**Nowicki,David Richard**						**$11,435**
	Totals for	**Marketing**						**$11,435**
	Totals for	**UNTH Clinical Practice Group**						**$11,435**
	Totals for	**UNT**						**$1,531,397**