

Monthly Restricted Research Expenditures Report for December 2015

Office of Grants and Contracts, University of North Texas

Expenditures Total by College	December 2014	December 2015	YTD FY2015	YTD FY2016
College of Arts and Sciences	\$538,951	\$445,607	\$2,335,271	\$1,741,410
College of Business	\$1,731	\$13,765	\$6,912	\$42,606
College of Education	\$67,456	\$13,647	\$130,567	\$38,191
College of Engineering	\$389,506	\$278,936	\$1,783,071	\$1,389,740
College of Information	\$53,484	\$44,647	\$212,319	\$137,131
College of Merchandising Hospitality and Tourism	\$0	\$0	\$0	\$0
College of Music	\$0	\$0	\$0	\$0
College of Public Affairs and Community Service	\$5,805	\$5,888	\$25,352	\$26,895
College of Visual Arts and Design	\$617	\$430	\$5,117	\$3,177
School of Journalism	\$0	\$0	\$0	\$2,987
Other	\$16,145	\$7,965	\$54,546	\$9,478
Dept IDs (Fund 34)	\$17,846	\$53,500	\$185,241	\$195,073
Grand Total:	\$1,091,541	\$864,385	\$4,738,396	\$3,586,689

Expenditures Total by Category

Research	\$1,091,541	\$864,385	\$4,738,396	\$3,586,689
Grand Total:	\$1,091,541	\$864,385	\$4,738,396	\$3,586,689

Expenditures Total by Source of Funding

Federal (Fund 31)	\$741,141	\$554,937	\$3,301,120	\$2,392,625
Private (Fund 33)	\$281,436	\$226,254	\$962,585	\$855,316
State (Fund 32/04)	\$51,118	\$29,694	\$289,450	\$143,674
Other (Fund 34)	\$17,846	\$53,500	\$185,241	\$195,073
Grand Total:	\$1,091,541	\$864,385	\$4,738,396	\$3,586,689

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.

Restricted Research Expenditures, December FY2016

Project ID	Title	Category	Class	Sponsor	Funding Source	PI / Co-	Expended This Period	Recognition %	Recognition Amount
UNT									
All Colleges Fund 34 spending									
All Departments Fund 34 spending									
Fund 34									
	Restricted Research spending by Departments	Research	20	N/A			\$53,500	100%	\$53,500
	Totals for	Fund 34							\$53,500
	Totals for	All Departments Fund 34 spending							\$53,500
	Totals for	All Colleges Fund 34 spending							\$53,500
College of Arts & Sciences									
Biology									
Atkinson,Samuel F									
G70933	Aquatic Macrophyte Restoration Project, Lake Austin and Town Lake, Texas	Research	20	City of Austin	Private	PI	\$2,928	100%	\$2,928
GF2676	USAE Research & Development Center	Research	20	U.S. Army Corps of Engineers	Federal	PI	\$5,292	100%	\$5,292
GF4269	Modeling Bombus Pensylvanicus, Bombus Sonorus and Bombus Fraternus (Bumble Bees) Spatial Distributions in Texas	Research	20	Texas Parks and Wildlife Department	Federal	PI	\$2,546	100%	\$2,546
GF2687	IPA for Dian Smith, Involves the Planning and Conducting of Pond/Mesocosm Research Specifically	Research	20	U.S. Army Corps of Engineers	Federal	PI	\$6,018	100%	\$6,018
GP7629	Year 3 - Native Plant Communities for Wetlands on the City of Grand Prairie Landfill	Research	20	City of Grand Prairie	Private	PI	\$4,466	100%	\$4,466
	Totals for	Atkinson,Samuel F							\$21,250
Ayre,Brian G									
GP6273	Regulation of Growth Habit in Complex Symptodial Plants: Applying the Tomato Model to Cotton	Research	20	US Israel Binational Agricultural Research & Development- BARD	Private	PI	\$3,964	100%	\$3,964

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount	
<i>Ayre, B., PI; Shulaev, V., Co-PI; Biology</i>										
GF1607	Collaborative Research: Integrating Two Different Roles of the Proton-Pumping Pyrophosphatase in the Regulation and Efficiency of Carbon Utilization and Transport in Planta	Research	20	National Science Foundation	Federal	PI	\$5,617	50%	\$2,809	
GP6457	Virus Induced Flowering in Photoperiod-Sensitive Cotton: Advanced Genetic Tools for Testing Hypotheses and Manipulating Cotton Traits	Research	20	Cotton Incorporated	Private	PI	\$4,379	100%	\$4,379	
GP6458	Development of Virus-Induced Flowering to Benefit Breeding Between Domesticated and Photoperiodic Sorghum	Research	20	United Sorghum Checkoff	Private	PI	\$6,300	100%	\$6,300	
Totals for		Ayre,Brian G								\$17,451
Azad,Rajeev Kumar										
<i>Azad, R., Co-PI; Dixon, R., PI; Chen, F., Co-PI; Biology; D'Souza, N., Co-PI; Mechanical & Energy Engineering; D'Souza, N., Co-PI; Materials Science & Engineering; Boyd, R., Co-</i>										
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$3,033	6%	\$182	
<i>Azad, R., Co-PI; Mittler, R., PI; Shulaev, V., Co-PI; Biology; Azad, R., Co-PI; Mathematics</i>										
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	20	National Science Foundation	Federal	Co-PI	\$8,355	29%	\$1,454	
Totals for		Azad,Rajeev Kumar								\$1,636
Brumbley,Stevens M										
GS5189	Rainbow Plants- A Tool to Report on Signaling Pathways and Gene Expression in Automated High-Throughput Phenotyping Facilities	Research	20	Texas A&M AgriLife Extension Service	State	PI	\$2,155	100%	\$2,155	
Totals for		Brumbley,Stevens M								\$2,155
Burggren,Warren W										
GP6455	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	20	University of Miami - School of Medicine	Private	PI	\$18,599	100%	\$18,599	
<i>Burggren, W., PI; Padilla, P., Co-PI; Biology</i>										
GF1736	Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation	Research	20	National Science Foundation	Federal	PI	\$1,867	60%	\$1,120	
GF1551	Developmental Co-dependence and Embryonic Programming of Cardiac and Renal Systems Function in Vertebrates - II	Research	20	National Science Foundation	Federal	PI	\$2,827	100%	\$2,827	

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Burggren, W., Co-PI; Crossley II, D., PI; Roberts, A., Co-PI; Biology</i>									
GP6450	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	20	University of Miami - School of Medicine	Private	Co-PI	\$24,943	33%	\$8,231
<i>Burggren, W., Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Biology</i>									
GP6453	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	20	University of Miami - School of Medicine	Private	Co-PI	\$14,476	33%	\$4,777
Totals for		Burggren,Warren W							\$35,555
Chapman,Kent D									
GP6443	Engineering Seed Value in Cotton - Strategies to Modify Seed Protein Reserves in Cotton	Research	20	Cotton Incorporated	Private	PI	\$8,623	100%	\$8,623
GF2699	Regulation of Neutral Lipid Metabolism in Plants	Research	20	U.S. Department of Agriculture	Federal	PI	\$2,955	100%	\$2,955
<i>Chapman, K., PI; Thompson, R., Co-PI; Biology</i>									
GF2600	Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants	Research	20	U.S. Department of Energy	Federal	PI	\$2,052	75%	\$1,539
G72501	Amidase-mediated Modulation of N-Acylethanolamine (NAE) Signaling Pathway in Plants	Research	20	U.S. Department of Energy	Federal	PI	\$5,306	100%	\$5,306
Totals for		Chapman,Kent D							\$18,423
Chen,Fang									
<i>Chen, F., Co-PI; Dixon, R., PI; Biology</i>									
GF4183	Bioenergy Sciences Center	Research	20	UT-Battelle, LLC	Federal	Co-PI	\$27,615	50%	\$13,808
GF4187	Development of Crucial Tools for Lignin Research	Research	20	University of Wisconsin - Madison	Federal	PI	\$1,497	100%	\$1,497
<i>Chen, F., Co-PI; Dixon, R., PI; Biology</i>									
GF4238	Plant-based Sesquiterpenes	Research	20	Chromatin, Inc.	Federal	Co-PI	\$21,013	25%	\$5,253
<i>Chen, F., Co-PI; Dixon, R., PI; Azad, R., Co-PI; Biology; D'Souza, N., Co-PI; Mechanical & Energy Engineering; D'Souza, N., Co-PI; Materials Science & Engineering; Boyd, R., Co-</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$3,033	25%	\$758
Totals for		Chen,Fang							\$21,316
Crossley II,Dane Alan									
<i>Crossley II, D., PI; Roberts, A., Co-PI; Burggren, W., Co-PI; Biology</i>									
GP6450	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	20	University of Miami - School of Medicine	Private	PI	\$24,943	33%	\$8,231

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF1569	Maturation of Cardiovascular Physiology in Embryonic Reptiles	Research	20	National Science Foundation	Federal	PI	\$0	100%	\$0
<i>Crossley II, D., Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Biology</i>									
GP6453	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	20	University of Miami - School of Medicine	Private	Co-PI	\$14,476	33%	\$4,777
		Totals for	Crossley II,Dane Alan						\$13,008
Dickstein,Rebecca									
GF4131	GEPR: Genetic and Cellular Dissection of Mutualistic Plant-Cicrobe Symbioses in Medicago Truncatula	Research	20	Samuel Roberts Noble Foundation, Inc.	Federal	PI	\$7,246	100%	\$7,246
GF4174	GEPR: Genetic and Cellular Dissection of Mutualistic Plant-Cicrobe Symbioses in Medicago Truncatula	Research	20	Samuel Roberts Noble Foundation, Inc.	Federal	PI	\$727	100%	\$727
GF1516	Collaborative Research: Putative Nitrate Transporter Regulates Symbiotic Nodule Development	Research	20	National Science Foundation	Federal	PI	\$117	100%	\$117
		Totals for	Dickstein,Rebecca						\$8,090
Dixon,Richard Arthur									
GF4181	Metabolomics: Advancing the Scientific Promise to Better Understand Plant Specialized Metabolism for a Low Carbon Society	Research	20	Samuel Roberts Noble Foundation, Inc.	Federal	PI	\$5,353	100%	\$5,353
GP6433	Condensed Tannin Expression in Row Crops	Research	20	Grasslanz Technology Limited (GTL)	Private	PI	\$620	100%	\$620
GP6331	Molecular Approaches to Improved Protein Utilization in Alfalfa	Research	20	Forage Genetics International	Private	PI	\$14,591	100%	\$14,591
<i>Dixon, R., PI; Chen, F., Co-PI; Biology</i>									
GF4183	Bioenergy Sciences Center	Research	20	UT-Battelle, LLC	Federal	PI	\$27,615	50%	\$13,808
<i>Dixon, R., PI; Chen, F., Co-PI; Biology</i>									
GF4238	Plant-based Sesquiterpenes	Research	20	Chromatin, Inc.	Federal	PI	\$21,013	75%	\$15,759
<i>Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Biology; D'Souza, N., Co-PI; Mechanical & Energy Engineering; D'Souza, N., Co-PI; Materials Science & Engineering; Boyd, R., Co-</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	PI	\$3,033	45%	\$1,365
		Totals for	Dixon,Richard Arthur						\$51,496

Dzialowski,Edward Michael

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF1622	Ontogeny of Endothermy's Cellular Furnace	Research	20	National Science Foundation	Federal	PI	\$15,534	100%	\$15,534
		Totals for	Dzialowski,Edward Michael						\$15,534
Hoeinghaus,David Joseph									
GF4275	Experimental Determination of Host Suitability for Six State-Threatened Mussel Species	Research	20	Texas Parks and Wildlife Department	Federal	PI	\$185	100%	\$185
GF4253	Quantification of Alligator Gar Recruitment Dynamics Using a River Stage Specific Floodplain Inundation Model	Research	20	Wildlife Management Institute, Inc.	Federal	PI	\$550	100%	\$550
		Totals for	Hoeinghaus,David Joseph						\$735
Hunt Von Herbing,Ione V									
GP6429	Humanized GMO Probiotic for the Treatment of PKU	Research	20	University of North Texas Health Science at Forth Worth	Private	PI	\$50	100%	\$50
GP6435	Probiotics as an Alternative to Antibiotics to Improve Growth and Survival in Marine Finfish Aquaculture	Research	20	New Venture Fund	Private	PI	\$5,424	100%	\$5,424
		Totals for	Hunt Von Herbing,Ione V						\$5,474
Johnson,Jeff A.									
GP6491	Assessment of Genetic Diversity in the Iowa Greater Prairie Chicken Population	Research	20	Iowa State University	Private	PI	\$726	100%	\$726
		Totals for	Johnson,Jeff A.						\$726
Kennedy,James H									
GP6470	Surveillance of Mosquito and Arbovirus/West Nile	Research	20	City of Denton	Private	PI	\$795	100%	\$795
		Totals for	Kennedy,James H						\$795
Longo,Antonella									
<i>Longo, A., Co-PI; Wang, X., PI; Biology</i>									
GF2695	UGT Engineering for Detoxifying Anticancer Drug SN-38	Research	20	National Institutes of Health	Federal	Co-PI	\$11,252	20%	\$2,250
		Totals for	Longo,Antonella						\$2,250
Mcfarlin,Brian Keith									
<i>Mcfarlin, B., PI; Vingren, J., Co-PI; Biology; Mcfarlin, B., PI; Hill, D., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation</i>									
GP6419	Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure	Research	20	Bergstrom Nutrition	Private	PI	\$8,747	5%	\$437

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount	
		Totals for	Mcfarlin,Brian Keith							\$437
Mittler,Ron										
<i>Mittler, R., PI; Shulaev, V., Co-PI; Azad, R., Co-PI; Biology; Azad, R., Co-PI; Mathematics</i>										
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	20	National Science Foundation	Federal	PI	\$8,355	42%	\$3,509	
		Totals for	Mittler,Ron							\$3,509
Padilla,Pamela A										
<i>Padilla, P., Co-PI; Burggren, W., PI; Biology</i>										
GF1736	Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation	Research	20	National Science Foundation	Federal	Co-PI	\$1,867	40%	\$747	
		Totals for	Padilla,Pamela A							\$747
Reyna,Kelly Shane										
GS5187	Clay County Quail and Grassland Bird Habitat Corridor	Research	20	Texas Parks and Wildlife Department	State	PI	-\$175	100%	(\$175)	
		Totals for	Reyna,Kelly Shane							(\$175)
Roberts,Aaron Patrick										
<i>Roberts, A., Co-PI; Crossley II, D., PI; Burggren, W., Co-PI; Biology</i>										
GP6450	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	20	University of Miami - School of Medicine	Private	Co-PI	\$24,943	34%	\$8,481	
GF4091	Photoenhanced Toxicity of DWH Oil to fish and Zooplankton	Research	20	Stratus Consulting	Federal	PI	\$7,397	100%	\$7,397	
<i>Roberts, A., PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Biology</i>										
GP6453	Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)	Research	20	University of Miami - School of Medicine	Private	PI	\$14,476	34%	\$4,922	
		Totals for	Roberts,Aaron Patrick							\$20,799
Shah,Jyoti										
<i>Shah, J., PI; Venables, B., Co-PI; Biology; Petros, R., Co-PI; Chemistry</i>										
GF1612	Dehydroabietinal Signaling in Plant Defense	Research	20	National Science Foundation	Federal	PI	\$5,831	60%	\$3,499	
GF0501	Targeting Host Defense Mechanism for Enhancing FHB Resistance in Wheat	Research	20	U.S. Department of Agriculture	Federal	PI	\$6,084	100%	\$6,084	
GF1690	Collaborative Research: Lipidomic Profiling, Dynamics, and Functions of Head-Group Acylation of Membrane Lipids in Plant Stress Responses	Research	20	National Science Foundation	Federal	PI	\$531	100%	\$531	

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
		Totals for	Shah,Jyoti						\$10,114
Shulaev,Vladimir									
GP6456	Metabolomic Investigation of Cotton Fiber Quality Biomarkers	Research	20	Cotton Incorporated	Private	PI	\$8,383	100%	\$8,383
<i>Shulaev, V., Co-PI; Mittler, R., PI; Azad, R., Co-PI; Biology; Azad, R., Co-PI; Mathematics</i>									
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	20	National Science Foundation	Federal	Co-PI	\$8,355	29%	\$2,423
<i>Shulaev, V., Co-PI; Ayre, B., PI; Biology</i>									
GF1607	Collaborative Research: Integrating Two Different Roles of the Proton-Pumping Pyrophosphatase in the Regulation and Efficiency of Carbon Utilization and Transport in Planta	Research	20	National Science Foundation	Federal	Co-PI	\$5,617	50%	\$2,809
		Totals for	Shulaev,Vladimir						\$13,614
Steigman,Kenneth Lee									
G72212	Ecosystem Research at Lake Lewisville Environmental Learning Area	Research	20	City of Lewisville	Federal	PI	\$539	100%	\$539
		Totals for	Steigman,Kenneth Lee						\$539
Tam,Nicoladie D									
<i>Tam, N., Co-PI; Biology; Dantu, R., PI; Computer Science & Engineering</i>									
GF1646	MRI: CloudCar: Development of a Diverse Distributed Instrument for Vehicles in the Cloud	Research	20	National Science Foundation	Federal	Co-PI	\$5,019	10%	\$502
		Totals for	Tam,Nicoladie D						\$502
Thompson,Ruthanne									
<i>Thompson, R., Co-PI; Chapman, K., PI; Biology</i>									
GF2600	Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants	Research	20	U.S. Department of Energy	Federal	Co-PI	\$2,052	25%	\$513
		Totals for	Thompson,Ruthanne						\$513
Venables,Barney J									
<i>Venables, B., Co-PI; Shah, J., PI; Biology; Petros, R., Co-PI; Chemistry</i>									
GF1612	Dehydroabietinal Signaling in Plant Defense	Research	20	National Science Foundation	Federal	Co-PI	\$5,831	27%	\$1,574
		Totals for	Venables,Barney J						\$1,574
Verbeck IV,Guido Fridolin									
<i>Verbeck IV, G., PI; Biology; Verbeck IV, G., PI; Golden, T., Co-PI; Chemistry</i>									
GF2672	Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks	Research	20	National Institute of Justice	Federal	PI	\$5,433	15%	\$815
		Totals for	Verbeck IV,Guido Fridolin						\$815

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
Vingren,Jakob Langberg									
<i>Vingren, J., PI; Biology; Vingren, J., PI; Kinesiology, Health Promotion and Recreation</i>									
GP6485	Effect Of The Transient Resistance Exercise-Induced Testosterone Increase on Satellite Cell Activation	Research	20	National Strength and Conditioning Association	Private	PI	\$786	10%	\$79
<i>Vingren, J., Co-PI; Mcfarlin, B., PI; Biology; Mcfarlin, B., PI; Hill, D., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation</i>									
GP6419	Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure	Research	20	Bergstrom Nutrition	Private	Co-PI	\$8,747	4%	\$350
Totals for		Vingren,Jakob Langberg							\$428
Wang,Xiaoqiang									
<i>Wang, X., PI; Longo, A., Co-PI; Biology</i>									
GF2695	UGT Engineering for Detoxifying Anticancer Drug SN-38	Research	20	National Institutes of Health	Federal	PI	\$11,252	80%	\$9,002
Totals for		Wang,Xiaoqiang							\$9,002
Wright,Amanda Joy									
GF1691	CAREER: Genetic Approach to Identifying Proteins Necessary for Division Plane Orientation During Plant Development	Research	20	National Science Foundation	Federal	PI	\$7,950	100%	\$7,950
Totals for		Wright,Amanda Joy							\$7,950
Totals for		Biology							\$286,266
Center For Economic Development									
Bomba,Michael Stephen									
<i>Bomba, M., Co-PI; Pohlen, T., PI; Center For Economic Development</i>									
GS5204	NEPA Reporting Synthesis of State Practices	Research	20	Texas Department of Transportation	State	Co-PI	\$2,879	50%	\$1,440
Totals for		Bomba,Michael Stephen							\$1,440
Pohlen,Terrance L									
<i>Pohlen, T., PI; Bomba, M., Co-PI; Center For Economic Development</i>									
GS5204	NEPA Reporting Synthesis of State Practices	Research	20	Texas Department of Transportation	State	PI	\$2,879	50%	\$1,440
Totals for		Pohlen,Terrance L							\$1,440
Totals for		Center For Economic Development							\$2,879
Chemistry									
Bagus,Paul S									
G72500	Reaction and Transport of Toxic Metals in Rock-forming Silicates at 25 Degrees Celsius	Research	20	U.S. Department of Energy	Federal	PI	\$1,017	100%	\$1,017

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GP6368	Electronic Structure of CeO2	Research	20	Saudi Basic Industries Corporation	Private	PI	\$2,882	100%	\$2,882
		Totals for		Bagus,Paul S					\$3,899
Chyan,Oliver M R									
GP6394	Investigation of Al Pad Corrosion in the Cu Wire Bonded Semiconductor Device Assembly	Research	20	Semiconductor Research Corporation	Private	PI	-\$49	100%	(\$49)
		Totals for		Chyan,Oliver M R					(\$49)
Cundari,Thomas Richard									
G73184	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	Research	20	U.S. Department of Energy	Federal	PI	\$2,287	100%	\$2,287
<i>Cundari, T., Co-PI; Wilson, A., PI; Chemistry</i>									
G72762	Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCAM)	Research	20	U.S. Department of Energy	Federal	Co-PI	\$11,842	50%	\$5,921
GF1740	Earth-abundant Metal Catalysts for the Functionalization of Strong Carbon-Hydrogen Bonds	Research	20	National Science Foundation	Federal	PI	\$2,763	100%	\$2,763
GF4159	Center for Enabling New Technologies Through Catalysis (CENTC)	Research	20	University of Washington	Federal	PI	\$2,064	100%	\$2,064
		Totals for		Cundari,Thomas Richard					\$13,036
D'souza,Francis									
<i>D'souza, F., PI; Chemistry; D'souza, F., PI; Materials Science & Engineering</i>									
GF1692	Light Harvesting Nanocarbon-Sensitizer Supramolecules	Research	20	National Science Foundation	Federal	PI	\$719	100%	\$575
		Totals for		D'souza,Francis					\$575
Golden,Teresa D									
<i>Golden, T., Co-PI; Verbeck IV, G., PI; Chemistry; Verbeck IV, G., PI; Biology</i>									
GF2672	Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks	Research	20	National Institute of Justice	Federal	Co-PI	\$5,433	50%	\$2,717
		Totals for		Golden,Teresa D					\$2,717
Kelber,Jeffry A									
GP6287	Graphene Direct Growth on Oxides for Transport Measurements and Device Applications	Research	20	Semiconductor Research Corporation	Private	PI	\$316	100%	\$316

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF2686	Doped Boron Carbide Polymers: Fundamental Studies of Novel Class Materials for Enhanced Radiation Detection	Research	20	Defense Threat Reduction Agency	Federal	PI	\$4,252	100%	\$4,252
GF4243	Center for Spintronic Materials, Interfaces and Novel Architectures (C-SPIN)	Research	20	University of Minnesota	Federal	PI	\$685	100%	\$685
GF1732	Collaborative Research: Spintronics Without Spin Injection	Research	20	National Science Foundation	Federal	PI	\$6,269	100%	\$6,269
		Totals for		Kelber,Jeffry A					\$11,522
Marshall,Paul									
GP7632	Kinetic and Product Studies of Complex-Forming Reactions in the Gas Phase	Research	20	Robert A. Welch Foundation	Private	PI	\$4,716	100%	\$4,716
		Totals for		Marshall,Paul					\$4,716
Omary,Mohammad A									
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	20	Robert A. Welch Foundation	Private	PI	\$6,221	100%	\$6,221
GF4268	Advanced Gas Sensing Technology for Space Suits	Research	20	Intelligent Optical Systems, Inc.	Federal	PI	\$633	100%	\$633
GF1704	Macromolecular, Supramolecular and/or Nanomolecular Photophysics and Photochemistry of d10 and d8 Complexes	Research	20	National Science Foundation	Federal	PI	\$7,623	100%	\$7,623
<i>Omary, M., PI; Petros, R., Co-PI; Chemistry</i>									
GP6381	Photothermal Treatment of Cutaneous T-cell Lymphoma with Metallic Nanoparticles	Research	20	Baylor Research Institute	Private	PI	\$543	50%	\$271
GP6490	An Intelligent Open Hole Wireline Tool Conveyance System	Research	20	Texas A & M University System	Private	PI	\$7,388	100%	\$7,388
		Totals for		Omary,Mohammad A					\$22,137
Petros,Robby Allen									
<i>Petros, R., Co-PI; Chemistry; Shah, J., PI; Venables, B., Co-PI; Biology</i>									
GF1612	Dehydroabietinal Signaling in Plant Defense	Research	20	National Science Foundation	Federal	Co-PI	\$5,831	13%	\$758
<i>Petros, R., Co-PI; Omary, M., PI; Chemistry</i>									
GP6381	Photothermal Treatment of Cutaneous T-cell Lymphoma with Metallic Nanoparticles	Research	20	Baylor Research Institute	Private	Co-PI	\$543	50%	\$271

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
		Totals for	Petros,Robby Allen						\$1,029
Richmond,Michael George									
GP7633	Synthesis and Reactivity Studies of Metal Clusters	Research	20	Robert A. Welch Foundation	Private	PI	\$5,335	100%	\$5,335
		Totals for	Richmond,Michael George						\$5,335
Slaughter III,Legrande Mancel									
GF1680	Harnessing Nonclassical Metal-Arene Interactions to Achieve Enantioselective Catalysis	Research	20	National Science Foundation	Federal	PI	\$4,469	100%	\$4,469
		Totals for	Slaughter III,Legrande Mancel						\$4,469
Verbeck IV,Guido Fridolin									
<i>Verbeck IV, G., PI; Golden, T., Co-PI; Chemistry; Verbeck IV, G., PI; Biology</i>									
GF2672	Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks	Research	20	National Institute of Justice	Federal	PI	\$5,433	35%	\$1,902
		Totals for	Verbeck IV,Guido Fridolin						\$1,902
Wilson,Angela Kay									
<i>Wilson, A., Co-PI; Chemistry; Oppong, J., PI; Briggie, A., Co-PI; Philosophy & Religion Studies; John, K., Co-PI; Mechanical & Energy Engineering</i>									
GF1675	Gaming Graduate Ethics Education in Science & Engineering	Research	20	National Science Foundation	Federal	Co-PI	\$4,450	10%	\$445
<i>Wilson, A., Co-PI; Chemistry; Banerjee, R., PI; Scharf, T., Co-PI; Needleman, A., Co-PI; Materials Science & Engineering</i>									
G72763	Institute for Science and Engineering Simulation	Research	20	Air Force Research Laboratory	Federal	Co-PI	\$22,220	12.5%	\$2,778
<i>Wilson, A., Co-PI; Chemistry; Crutsinger, C., PI; Provost; Reidy III, R., Co-PI; Materials Science & Engineering; John, K., Co-PI; Mechanical & Energy Engineering; Tsatsoulis, C.,</i>									
GF4286	Engaging Male Colleagues as Advocates & Allies for the Advancement of Women Faculty	Research	20	North Dakota State University	Federal	Co-PI	\$1,692	20%	\$338
<i>Wilson, A., PI; Cundari, T., Co-PI; Chemistry</i>									
G72762	Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCaM)	Research	20	U.S. Department of Energy	Federal	PI	\$11,842	50%	\$5,921
		Totals for	Wilson,Angela Kay						\$9,482
Xia,Zhenhai									
<i>Xia, Z., PI; Chemistry; Xia, Z., PI; Materials Science & Engineering</i>									
GF4147	Nanofabrication of Tunable 3D Nanotube Architectures	Research	20	Case Western Reserve University	Federal	PI	\$3,197	100%	\$639
<i>Xia, Z., PI; Chemistry; Xia, Z., PI; Materials Science & Engineering</i>									
GF1659	Collaborative Research: Multifunctional Nanocomposites with Reversible Switch and Controlled Release Surfaces	Research	20	National Science Foundation	Federal	PI	\$1,717	20%	\$343

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Xia, Z., Co-PI; Chemistry; Mishra, R., PI; Xia, Z., Co-PI; Du, J., Co-PI; Materials Science & Engineering</i>									
GF4284	Engineered Materials and Materials Designs of Engineered Materials (EMMDEM)	Research	20	Northeastern University	Federal	Co-PI	\$1,140	45%	\$103
		Totals for		Xia,Zhenhai					\$1,085
		Totals for		Chemistry					\$81,854
Communication Studies									
Ahmed,Iftekhhar									
GF1648	VOSS: Research on the Process of Virtual Environment	Research	20	National Science Foundation	Federal	PI	\$1,464	100%	\$1,464
		Totals for		Ahmed,Iftekhhar					\$1,464
		Totals for		Communication Studies					\$1,464
Geography									
Rice,Murray D									
<i>Rice, M., PI; Tiwari, C., Co-PI; Geography</i>									
GP6430	Defining the Record of Fast-Growing Firms as Members of Regional Business Communities: A Tracking Analysis	Research	20	Kauffman Foundation	Private	PI	\$2,093	80%	\$1,675
		Totals for		Rice,Murray D					\$1,675
Tiwari,Chetan									
<i>Tiwari, C., Co-PI; Geography; Mikler, A., PI; Schneider, T., Co-PI; Bryce, R., Co-PI; Computer Science & Engineering</i>									
GF2667	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	20	National Institutes of Health	Federal	Co-PI	\$7,539	35%	\$2,639
<i>Tiwari, C., Co-PI; Geography; Mikler, A., PI; Computer Science & Engineering</i>									
GF1706	Computational Methods for Quantifying Regional Ebola-Specific Resource Coverage	Research	20	National Science Foundation	Federal	Co-PI	\$6,771	50%	\$3,385
<i>Tiwari, C., Co-PI; Rice, M., PI; Geography</i>									
GP6430	Defining the Record of Fast-Growing Firms as Members of Regional Business Communities: A Tracking Analysis	Research	20	Kauffman Foundation	Private	Co-PI	\$2,093	20%	\$419
		Totals for		Tiwari,Chetan					\$6,443
		Totals for		Geography					\$8,117
Mathematics									
Azad,Rajeev Kumar									
<i>Azad, R., Co-PI; Mathematics; Mittler, R., PI; Shulaev, V., Co-PI; Azad, R., Co-PI; Biology</i>									
GF1681	Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress	Research	20	National Science Foundation	Federal	Co-PI	\$8,355	29%	\$969

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Azad, R., Co-PI; Mathematics; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Biology; D'Souza, N., Co-PI; Mechanical & Energy Engineering; D'Souza, N., Co-PI; Materials Scienc</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$3,033	4%	\$121
Totals for		Azad,Rajeev Kumar							\$1,091
Conley,Charles H									
GP6191	Lie Algebra Cohomology and Invariant Differential Operators	Research	20	Simons Foundation	Private	PI	\$37	100%	\$37
Totals for		Conley,Charles H							\$37
Gao,Su									
GP6291	Diophantine Approximation on Fractals	Research	20	Simons Foundation	Private	PI	\$1,122	100%	\$1,122
<i>Gao, S., PI; Urbanski, M., Co-PI; Jackson, S., Co-PI; Mathematics</i>									
GF1543	Research Training Group in Logic and Dynamics	Research	20	National Science Foundation	Federal	PI	\$6,183	34%	\$2,102
Totals for		Gao,Su							\$3,224
Jackson,Stephen Craig									
<i>Jackson, S., Co-PI; Gao, S., PI; Urbanski, M., Co-PI; Mathematics</i>									
GF1543	Research Training Group in Logic and Dynamics	Research	20	National Science Foundation	Federal	Co-PI	\$6,183	33%	\$2,040
Totals for		Jackson,Stephen Craig							\$2,040
Urbanski,Mariusz									
GF1697	Thermodynamic Formalism, Dynamics and Dimensions	Research	20	National Science Foundation	Federal	PI	\$378	100%	\$378
<i>Urbanski, M., Co-PI; Gao, S., PI; Jackson, S., Co-PI; Mathematics</i>									
GF1543	Research Training Group in Logic and Dynamics	Research	20	National Science Foundation	Federal	Co-PI	\$6,183	33%	\$2,040
Totals for		Urbanski,Mariusz							\$2,419
Totals for		Mathematics							\$8,811
Philosophy & Religion Studies									
Briggle,Adam Robert Dryden									
<i>Briggle, A., Co-PI; Frodeman, R., PI; Philosophy & Religion Studies</i>									
GF1687	EAGER: Research on the Broader Impacts of Basic Science: Gauging the State of the Art	Research	20	National Science Foundation	Federal	Co-PI	\$9,019	30%	\$2,706
<i>Briggle, A., Co-PI; Oppong, J., PI; Philosophy & Religion Studies; Wilson, A., Co-PI; Chemistry; John, K., Co-PI; Mechanical & Energy Engineering</i>									
GF1675	Gaming Graduate Ethics Education in Science & Engineering	Research	20	National Science Foundation	Federal	Co-PI	\$4,450	30%	\$1,335
Totals for		Briggle,Adam Robert Dryden							\$4,041
Frodeman,Robert Lee									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount	
<i>Frodeman, R., PI; Briggle, A., Co-PI; Philosophy & Religion Studies</i>										
GF1687	EAGER: Research on the Broader Impacts of Basic Science: Gauging the State of the Art	Research	20	National Science Foundation	Federal	PI	\$9,019	70%	\$6,314	
		Totals for	Frodeman,Robert Lee							\$6,314
Oppong,Joseph R										
<i>Oppong, J., PI; Briggle, A., Co-PI; Philosophy & Religion Studies; Wilson, A., Co-PI; Chemistry; John, K., Co-PI; Mechanical & Energy Engineering</i>										
GF1675	Gaming Graduate Ethics Education in Science & Engineering	Research	20	National Science Foundation	Federal	PI	\$4,450	50%	\$2,225	
		Totals for	Oppong,Joseph R							\$2,225
		Totals for	Philosophy & Religion Studies							\$12,580
Physics										
Aouadi,Samir M										
<i>Aouadi, S., PI; Physics; Aouadi, S., PI; Young, M., Co-PI; Materials Science & Engineering</i>										
GF1708	REU Site: Advanced Processing and Materials Characterization	Research	20	National Science Foundation	Federal	PI	\$1,156	50%	\$116	
		Totals for	Aouadi,Samir M							\$116
Drachev,Vladimir Prokopievich										
GF4213	Nanofabrication and Characterization of Metamaterials for Spin Optics	Research	20	State University of New York at Buffalo	Federal	PI	\$1,438	100%	\$1,438	
		Totals for	Drachev,Vladimir Prokopievich							\$1,438
Glass,Gary Alan										
<i>Glass, G., PI; Reinert, T., Co-PI; Physics</i>										
GF4249	PIXE Spectrometric Mapping of Metabolic Pathway Input to GnRH Neurons	Research	20	University of Louisiana at Monroe	Federal	PI	\$383	50%	\$191	
		Totals for	Glass,Gary Alan							\$191
Grigolini,Paolo										
GF2696	Behavioral Constraints on Game Theory	Research	20	U.S. Army	Federal	PI	\$6,886	100%	\$6,886	
GP7634	Ergodicity Breaking in Chemical, Biological and Cooperative Systems	Research	20	Robert A. Welch Foundation	Private	PI	\$4,287	100%	\$4,287	
		Totals for	Grigolini,Paolo							\$11,173
Lin,Yuankun										
<i>Lin, Y., PI; Physics; Lin, Y., PI; Zhang, H., Co-PI; Electrical Engineering</i>										
GF1660	Collaborative Research: Digitally Addressable and Scalable Laser Fabrication of 3D Gradient Index Nanostructures and Nanophotonics Circuits	Research	20	National Science Foundation	Federal	PI	\$5,368	37.5%	\$2,013	

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<i>Lin, Y., PI; Physics; Lin, Y., PI; Electrical Engineering</i>									
GF4228	Low Threshold Lasing and Selective Sensing Devices Based on Organic Dyes Stabilized in Nanopores and Polymer Photonic Crystals	Research	20	University of Texas at San Antonio	Federal	PI	\$1,001	100%	\$751
		Totals for	Lin,Yuankun						\$2,764
Ordonez,Carlos A									
G72735	Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping	Research	20	U.S. Department of Energy	Federal	PI	\$2,302	100%	\$2,302
GF1640	Collaborative Research: Experimental and Theoretical Study of the Plasma of Antihydrogen Generation and Trapping	Research	20	National Science Foundation	Federal	PI	\$2,585	100%	\$2,585
		Totals for	Ordonez,Carlos A						\$4,886
Reinert,Tilo									
<i>Reinert, T., Co-PI; Glass, G., PI; Physics</i>									
GF4249	PIXE Spectrometric Mapping of Metabolic Pathway Input to GnRH Neurons	Research	20	University of Louisiana at Monroe	Federal	Co-PI	\$383	50%	\$191
		Totals for	Reinert,Tilo						\$191
Schultz,David Robert									
GF4177	An Ion-Neutral Collision Database for Astrophysics	Research	20	The University of Georgia	Federal	PI	\$1,001	100%	\$1,001
GF4222	Energy Deposition in the Upper Atmosphere of Jupiter and Saturn by Energetic Particles: The Polar Aurora	Research	20	University of Kansas Center for Research	Federal	PI	\$1,001	100%	\$1,001
		Totals for	Schultz,David Robert						\$2,002
Shiner,David C									
GF1726	Convenient Visible and UV Laser Sources using Nonlinear Conversion	Research	20	National Science Foundation	Federal	PI	\$5,009	100%	\$5,009
		Totals for	Shiner,David C						\$5,009
		Totals for	Physics						\$27,770
Psychology									
Hook,Joshua Nord									
GP6393	Behavioral Measure of Humility in Couples	Research	20	Georgia State University	Private	PI	\$1,860	100%	\$1,860
		Totals for	Hook,Joshua Nord						\$1,860

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
Parsons,Thomas David									
GF4267	Advanced Automated Assessment of Cognitive Changes Associated with Brain Injury and Neurological Disease	Research	20	SoarTech	Federal	PI	\$6,105	100%	\$6,105
Totals for		Parsons,Thomas David							\$6,105
Petrie,Trent A									
GP6423	Psychological Well-Being of Female Collegiate Athletes: A Longitudinal Investigation	Research	20	National Collegiate Athletic Association	Private	PI	\$50	100%	\$50
Totals for		Petrie,Trent A							\$50
Ruggero,Camilo									
GF4274	The Daily Burden of Post-Traumatic Stress Disorder (PTSD) and Lower Respiratory Symptoms (LRS) in World Trade Center Responders	Research	20	Stony Brook University	Federal	PI	\$1,970	100%	\$1,970
Totals for		Ruggero,Camilo							\$1,970
Taylor,Daniel									
GF2651	Social Vigilance and Atherosclerotic Risk	Research	20	National Institutes of Health	Federal	PI	\$225	100%	\$225
GF2630	Comparing Internet and In-person Brief Cognitive Behavioral Therapy of Insomnia	Research	20	U.S. Department of Defense	Federal	PI	\$5,033	100%	\$5,033
Totals for		Taylor,Daniel							\$5,258
Totals for		Psychology							\$15,243
Sociology									
Cready,Cynthia M									
GP6487	Effect of Packaging on Timeliness of Oral Medication Preparation in the Skilled Nursing Community Setting	Research	20	Symbria	Private	PI	-\$716	100%	(\$716)
Totals for		Cready,Cynthia M							(\$716)
Totals for		Sociology							(\$716)
Technical Communications									
Montler,Timothy Robert									
GF2653	Saanich Dictionary and Electronic Text Archive	Research	20	National Endowment for the Humanities	Federal	PI	\$1,339	100%	\$1,339

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount	
		Totals for	Montler,Timothy Robert							\$1,339
		Totals for	Technical Communications							\$1,339
		Totals for	College of Arts & Sciences							\$445,607
College of Business										
<i>Marketing and Logistics</i>										
Bomba,Michael Stephen										
<i>Bomba, M., Co-PI; Pohlen, T., PI; Marketing and Logistics</i>										
GS5206	Understanding the Potential Impacts from Mexico's Petroleum Industry Reforms on Texas's Transportation Infrastructure	Research	20	Texas Department of Transportation	State	Co-PI	\$5,383	100%	\$5,383	
<i>Bomba, M., Co-PI; Pohlen, T., PI; Marketing and Logistics</i>										
GS5208	Gulf Intercoastal Waterway Capacity Study	Research	20	Texas Department of Transportation	State	Co-PI	\$8,382	80%	\$6,706	
		Totals for	Bomba,Michael Stephen							\$12,089
Pohlen,Terrance L										
<i>Pohlen, T., PI; Bomba, M., Co-PI; Marketing and Logistics</i>										
GS5208	Gulf Intercoastal Waterway Capacity Study	Research	20	Texas Department of Transportation	State	PI	\$8,382	20%	\$1,676	
		Totals for	Pohlen,Terrance L							\$1,676
		Totals for	Marketing and Logistics							\$13,765
		Totals for	College of Business							\$13,765
College of Education										
<i>Counseling & Higher Education</i>										
Bower,Beverly										
GP6306	Council for the Study of Community Colleges	Research	20	Council for the Study of Community Colleges	Private	PI	\$418	100%	\$418	
		Totals for	Bower,Beverly							\$418
Bratton,Sue C										
GP6471	Efficacy of Therapeutic Group Parenting Model on Adopted Children's Behavior Problems, Stress in the Parent-Child Relationship, and Parents' Empathic/Attachment Behavior with their Children	Research	20	Group Foundation for Advancing Mental Health	Private	PI	\$1,642	100%	\$1,642	
		Totals for	Bratton,Sue C							\$1,642
Fann,Amy										
GP6476	The Perceptions of Policy Makers on the Transfer Pathway in Texas Public Higher Education	Research	20	National Institute for the Study of Transfer Students (NISTS)	Private	PI	\$680	100%	\$680	

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
		Totals for	Fann,Amy						\$680
Taylor,Barrett Jay									
GF4175	The Executive Science Network: University Trustees and the Organization of University Industry Exchanges	Research	20	The University of Georgia	Federal	PI	\$163	100%	\$163
		Totals for	Taylor,Barrett Jay						\$163
		Totals for	Counseling & Higher Education						\$2,902
<i>Educational Psychology</i>									
Middlemiss,Wendy									
GP6459	Infants Perceptions of Maternal Technological Distractions: Is Mothers' Cellphone Use Generating the Still Face Effect?	Research	20	Timberlawn Psychiatric Research Foundation	Private	PI	\$2,877	100%	\$2,877
		Totals for	Middlemiss,Wendy						\$2,877
		Totals for	Educational Psychology						\$2,877
<i>Kinesiology, Health Promotion and Recreation</i>									
Hill,David Wilfred									
<i>Hill, D., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biology</i>									
GP6419	Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure	Research	20	Bergstrom Nutrition	Private	Co-PI	\$8,747	10%	\$875
		Totals for	Hill,David Wilfred						\$875
Keller,Marian Jean									
GS5165	Allied Health Pathway: A Minority Male Initiative	Research	20	Texas Higher Education Coordinating Board	State	PI	-\$1,103	100%	(\$1,103)
		Totals for	Keller,Marian Jean						(\$1,103)
Mcfarlin,Brian Keith									
<i>Mcfarlin, B., PI; Hill, D., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biology</i>									
GP6419	Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure	Research	20	Bergstrom Nutrition	Private	PI	\$8,747	45%	\$3,936
		Totals for	Mcfarlin,Brian Keith						\$3,936
Vingren,Jakob Langberg									
<i>Vingren, J., Co-PI; Mcfarlin, B., PI; Hill, D., Co-PI; Kinesiology, Health Promotion and Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biology</i>									
GP6419	Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure	Research	20	Bergstrom Nutrition	Private	Co-PI	\$8,747	36%	\$3,149

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Vingren, J., PI; Kinesiology, Health Promotion and Recreation; Vingren, J., PI; Biology</i>									
GP6485	Effect Of The Transient Resistance Exercise-Induced Testosterone Increase on Satellite Cell Activation	Research	20	National Strength and Conditioning Association	Private	PI	\$786	90%	\$707
Totals for		Vingren,Jakob Langberg							\$3,856
Totals for		Kinesiology, Health Promotion and Recreation							\$7,565

Teacher Education & Administration

Boyd,Rossana R

Boyd, R., Co-PI; Teacher Education & Administration; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Biology; D'Souza, N., Co-PI; Mechanical & Energy Engineering; D'Souza, N.,

GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$3,033	10%	\$303
Totals for		Boyd,Rossana R							\$303
Totals for		Teacher Education & Administration							\$303
Totals for		College of Education							\$13,647

College of Engineering

Computer Science & Engineering

Bryce,Renee Cathryn

GF1650	CAP-Bugs: A Process to Capture, Analyze and Prevent Bugs	Research	20	National Science Foundation	Federal	PI	\$6,336	100%	\$6,336
<i>Bryce, R., Co-PI; Mikler, A., PI; Schneider, T., Co-PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography</i>									
GF2667	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	20	National Institutes of Health	Federal	Co-PI	\$7,539	15%	\$1,131
Totals for		Bryce,Renee Cathryn							\$7,467

Caragea,Cornelia Alexandra

Caragea, C., PI; Tarau, P., Co-PI; Computer Science & Engineering; Caragea, C., PI; Library & Information Sciences

GF1703	III: Small: Collaborative Research: Keyphrase Extraction in Document Networks	Research	20	National Science Foundation	Federal	PI	\$4,958	70%	\$2,776
<i>Caragea, C., PI; Computer Science & Engineering; Caragea, C., PI; Library & Information Sciences</i>									
GF1700	TWC: Small: Collaborative: Towards Privacy Preserving Online Image Sharing	Research	20	National Science Foundation	Federal	PI	\$4,725	100%	\$3,780
<i>Caragea, C., PI; Computer Science & Engineering; Caragea, C., PI; Library & Information Sciences</i>									
GF1671	EAGER: Collaborative Research: Establishing Trustworthy Citizen-Created Data for Disaster Response and Humanitarian Action	Research	20	National Science Foundation	Federal	PI	\$0	100%	\$0
Totals for		Caragea,Cornelia Alexandra							\$6,556

Dantu,Ramanamurthy

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
GF1735	EAGER: Mobile Solutions for Multifold Increase of Survival Rates Through High Quality Chest Compressions	Research	20	National Science Foundation	Federal	PI	\$2,939	100%	\$2,939
<i>Dantu, R., PI; Computer Science & Engineering; Tam, N., Co-PI; Biology</i>									
GF1646	MRI: CloudCar: Development of a Diverse Distributed Instrument for Vehicles in the Cloud	Research	20	National Science Foundation	Federal	PI	\$5,019	90%	\$4,517
		Totals for	Dantu,Ramanamurthy						\$7,456
Fu,Song									
GF4266	Anomaly Detection in DOE High Performance Computing Systems Logs Using Machine Learning	Research	20	Los Alamos National Laboratory	Federal	PI	\$4,844	100%	\$4,844
		Totals for	Fu,Song						\$4,844
Huang,Yan									
GF2665	Geotagging Social Media for Enhanced Location-Based Search	Research	20	National Geospatial-Intelligence Agency	Federal	PI	\$6,311	100%	\$6,311
		Totals for	Huang,Yan						\$6,311
Kavi,Krishna M									
GF1661	I/UCRC FRP: Risk Assessment Techniques for Off-line and On-line Security Evaluation of Cloud Computing	Research	20	National Science Foundation	Federal	PI	\$2,786	100%	\$2,786
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	20	National Science Foundation	Federal	PI	\$9,581	100%	\$9,581
GP6447	Membership Fees: IUCRC Net Centric Software and Systems	Research	20	Generic Pooled Sponsor	Private	PI	\$2,407	100%	\$2,407
GF1720	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	20	National Science Foundation	Federal	PI	\$1,000	100%	\$1,000
		Totals for	Kavi,Krishna M						\$15,773
Mikler,Armin R									
<i>Mikler, A., PI; Schneider, T., Co-PI; Bryce, R., Co-PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography</i>									
GF2667	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	20	National Institutes of Health	Federal	PI	\$7,539	35%	\$2,639
<i>Mikler, A., PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography</i>									
GF1706	Computational Methods for Quantifying Regional Ebola-Specific Resource Coverage	Research	20	National Science Foundation	Federal	PI	\$6,771	50%	\$3,385
		Totals for	Mikler,Armin R						\$6,024

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
Nielsen,Rodney D									
GF0612	Comprehension SEEDING: Comprehension Through Self-Explanation Enhanced Discussion and Inquiry Generation	Research	20	U.S. Department of Education	Federal	PI	\$1,267	100%	\$1,267
GF1629	SHW: Large: Collaborative Research: Companionbots For Proactive Therapeutic Dialog On Depression	Research	20	National Science Foundation	Federal	PI	\$12,001	100%	\$12,001
Totals for		Nielsen,Rodney D							\$13,269
Schneider,Tamara									
<i>Schneider, T., Co-PI; Mikler, A., PI; Bryce, R., Co-PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography</i>									
GF2667	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	20	National Institutes of Health	Federal	Co-PI	\$7,539	15%	\$1,131
Totals for		Schneider,Tamara							\$1,131
Tarau,Paul									
<i>Tarau, P., Co-PI; Caragea, C., PI; Computer Science & Engineering; Caragea, C., PI; Library & Information Sciences</i>									
GF1703	III: Small: Collaborative Research: Keyphrase Extraction in Document Networks	Research	20	National Science Foundation	Federal	Co-PI	\$4,958	30%	\$1,487
GF1689	SHF: Small: Application of Hereditarily Binary Numbers	Research	20	National Science Foundation	Federal	PI	\$1,884	100%	\$1,884
Totals for		Tarau,Paul							\$3,372
Totals for		Computer Science & Engineering							\$72,202
Dean Engineering									
Tsatsoulis,Constantinos									
<i>Tsatsoulis, C., Co-PI; Dean Engineering; Crutsinger, C., PI; Provost; Reidy III, R., Co-PI; Materials Science & Engineering; John, K., Co-PI; Mechanical & Energy Engineering; Wils</i>									
GF4286	Engaging Male Colleagues as Advocates & Allies for the Advancement of Women Faculty	Research	20	North Dakota State University	Federal	Co-PI	\$1,692	20%	\$338
Totals for		Tsatsoulis,Constantinos							\$338
Totals for		Dean Engineering							\$338
Electrical Engineering									
Acevedo,Miguel F									
GF4209	The Emergence of Coupled Natural and Human Landscapes in the Western Mediterranean	Research	20	Arizona State University	Federal	PI	\$1,569	100%	\$1,569

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<i>Acevedo, M., PI; Electrical Engineering; Carranza, G., Co-PI; UNT International-Comm Outreac</i>									
GF4254	Global Research and Education Initiative on Sustainable Desalination Technology	Research	20	Institute of International Education	Federal	PI	\$2,364	50%	\$1,182
		Totals for	Acevedo,Miguel F						\$2,751
Fu,Shengli									
<i>Fu, S., Co-PI; Wan, Y., PI; Electrical Engineering</i>									
GF1724	EAGER: Aerial Communication Infrastructure for Smart Emergency Response	Research	20	National Science Foundation	Federal	Co-PI	\$3,667	50%	\$1,833
GP6380	Design and Development of Portable Computing System	Research	20	Myth Innovations	Private	PI	\$5,135	100%	\$5,135
<i>Fu, S., PI; Wan, Y., Co-PI; Electrical Engineering</i>									
GF1709	I-Corps Teams: Drone-Carried Wi-Fi Communication Infrastructure	Research	20	National Science Foundation	Federal	PI	\$1,593	50%	\$797
		Totals for	Fu,Shengli						\$7,765
Lin,Yuankun									
<i>Lin, Y., PI; Zhang, H., Co-PI; Electrical Engineering; Lin, Y., PI; Physics</i>									
GF1660	Collaborative Research: Digitally Addressable and Scalable Laser Fabrication of 3D Gradient Index Nanostructures and Nanophotonics Circuits	Research	20	National Science Foundation	Federal	PI	\$5,368	12.5%	\$671
<i>Lin, Y., PI; Electrical Engineering; Lin, Y., PI; Physics</i>									
GF4228	Low Threshold Lasing and Selective Sensing Devices Based on Organic Dyes Stabilized in Nanopores and Polymer Photonic Crystals	Research	20	University of Texas at San Antonio	Federal	PI	\$1,001	100%	\$250
		Totals for	Lin,Yuankun						\$921
Mehta,Gayatri									
GF1627	SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures	Research	20	National Science Foundation	Federal	PI	\$4,831	100%	\$4,831
GF1653	SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures "REU-Supplement"	Research	20	National Science Foundation	Federal	PI	\$222	100%	\$222
		Totals for	Mehta,Gayatri						\$5,053
Wan,Yan									
<i>Wan, Y., Co-PI; Fu, S., PI; Electrical Engineering</i>									
GF1709	I-Corps Teams: Drone-Carried Wi-Fi Communication Infrastructure	Research	20	National Science Foundation	Federal	Co-PI	\$1,593	50%	\$797

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF1716	CAREER: Communication and Control Co-design to Enable Aerial Networking in Uncertain Airspace Environment: Paradigm Shift From Ignorance and Constraints to Facilitators	Research	20	National Science Foundation	Federal	PI	\$97	100%	\$97
GF2668	Run-Time Failure Detection and Control in Complex Information Systems	Research	20	National Institute of Standards and Technology	Federal	PI	\$2,020	100%	\$2,020
<i>Wan, Y., PI; Fu, S., Co-PI; Electrical Engineering</i>									
GF1724	EAGER: Aerial Communication Infrastructure for Smart Emergency Response	Research	20	National Science Foundation	Federal	PI	\$3,667	50%	\$1,833
		Totals for	Wan,Yan						\$4,747
Zhang,Hualiang									
<i>Zhang, H., Co-PI; Lin, Y., PI; Electrical Engineering; Lin, Y., PI; Physics</i>									
GF1660	Collaborative Research: Digitally Addressable and Scalable Laser Fabrication of 3D Gradient Index Nanostructures and Nanophotonics Circuits	Research	20	National Science Foundation	Federal	Co-PI	\$5,368	50%	\$2,684
		Totals for	Zhang,Hualiang						\$2,684
		Totals for	Electrical Engineering						\$23,922
Engineering Technology									
Huang,Zhenhua									
<i>Huang, Z., PI; Kougianos, E., Co-PI; Wang, S., Co-PI; Engineering Technology</i>									
GF1672	A New Interdisciplinary Technology Education Strategy Using State-of-the-Art Wireless Sensor Networks	Research	20	National Science Foundation	Federal	PI	\$1,720	34%	\$585
		Totals for	Huang,Zhenhua						\$585
Kougianos,Elias									
<i>Kougianos, E., Co-PI; Huang, Z., PI; Wang, S., Co-PI; Engineering Technology</i>									
GF1672	A New Interdisciplinary Technology Education Strategy Using State-of-the-Art Wireless Sensor Networks	Research	20	National Science Foundation	Federal	Co-PI	\$1,720	33%	\$568
		Totals for	Kougianos,Elias						\$568
Nasrazadani,Seifollah									
GP6379	Development of New Accelerated Corrosion Test(s) for All-Aluminum Microchannel and Tube and Fin Heat Exchangers	Research	20	American Society of Heating, Refrigeration and Air-conditioning Engineers(ASHRAE)	Private	PI	\$1,824	100%	\$1,824
		Totals for	Nasrazadani,Seifollah						\$1,824
Wang,Shuping									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<i>Wang, S., Co-PI; Huang, Z., PI; Kougianos, E., Co-PI; Engineering Technology</i>									
GF1672	A New Interdisciplinary Technology Education Strategy Using State-of-the-Art Wireless Sensor Networks	Research	20	National Science Foundation	Federal	Co-PI	\$1,720	33%	\$568
		Totals for	Wang,Shuping						\$568
Yu,Cheng									
GF1722	REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Sheer Walls Using Corrugated Steel Sheet Sheathing	Research	20	National Science Foundation	Federal	PI	\$519	100%	\$519
GF1559	CAREER: Comprehensive Research on Cold-Formed Steel Sheathed Shear Walls: Special Detailing, Design, and Innovation	Research	20	National Science Foundation	Federal	PI	\$774	100%	\$774
GF1702	REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Sheer Walls Using Corrugated Steel Sheet Sheathing	Research	20	National Science Foundation	Federal	PI	\$5,997	100%	\$5,997
		Totals for	Yu,Cheng						\$7,290
Zhang,Haifeng									
GF4265	Self-Powered Wireless Dual-Mode Langasite Sensor for Pressure / Temperature Monitoring of Nuclear Reactors	Research	20	Stony Brook University	Federal	PI	\$1,660	100%	\$1,660
GF1729	GOALI: Collaborative Research: Energy Harvesting Nanorods-Enhanced MEMS Temperature-Insensitive Gas Sensor For Combustion Monitoring And Control	Research	20	National Science Foundation	Federal	PI	\$2,578	100%	\$2,578
GF1662	GOALI: Collaborative Research: Self-Powered Dual-Mode Piezoelectric Resonant Pressure/Temperature Sensors for Oil and Gas Field Explorations	Research	20	National Science Foundation	Federal	PI	\$2,078	100%	\$2,078
		Totals for	Zhang,Haifeng						\$6,316
		Totals for	Engineering Technology						\$17,150
Materials Science & Engineering									
Aouadi,Samir M									
<i>Aouadi, S., PI; Young, M., Co-PI; Materials Science & Engineering; Aouadi, S., PI; Physics</i>									
GF1708	REU Site: Advanced Processing and Materials Characterization	Research	20	National Science Foundation	Federal	PI	\$1,156	50%	\$462
		Totals for	Aouadi,Samir M						\$462
Banerjee,Rajarshi									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Banerjee, R., PI; Srivilliputhur, S., Co-PI; Materials Science & Engineering</i>									
GF1696	DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering	Research	20	National Science Foundation	Federal	PI	\$3,277	50%	\$1,638
GF4240	DARPA Open Manufacturing: tiFAB - Phase II	Research	20	The Boeing Company	Federal	PI	\$7,276	100%	\$7,276
GF2697	Characterizing the Distribution of Immiscible Solute Additions in Nanocrystalline Metals and Alloys	Research	20	U.S. Army	Federal	PI	\$2,785	100%	\$2,785
GF4163	Atomic Ordering in Alloy 690 and its Effect on Long-Term Structural Stability and Stress Corrosion Cracking Susceptibility	Research	20	Colorado School of Mines	Federal	PI	\$3,795	100%	\$3,795
<i>Banerjee, R., PI; Scharf, T., Co-PI; Needleman, A., Co-PI; Materials Science & Engineering; Wilson, A., Co-PI; Chemistry</i>									
G72763	Institute for Science and Engineering Simulation	Research	20	Air Force Research Laboratory	Federal	PI	\$22,220	50%	\$11,110
GF4241	Titanium Surface Oxidation Characterization	Research	20	Lockheed Martin Corporation	Federal	PI	\$3,795	100%	\$3,795
GF1670	Non-Classical Precipitation Mechanisms in Titanium Alloys	Research	20	National Science Foundation	Federal	PI	\$2,946	100%	\$2,946
GF2677	UNT Cooperative Agreement Task for FY2014	Research	20	Air Force Research Laboratory	Federal	PI	\$0	100%	\$0
Totals for Banerjee,Rajarshi									\$33,345
Brostow,Witold Konrad									
GP6441	Plan of Work for the Encore Wire Corp. (EWC)	Research	20	Encore Wire	Private	PI	\$7,348	100%	\$7,348
Totals for Brostow,Witold Konrad									\$7,348
Choi,Wonbong									
<i>Choi, W., PI; Materials Science & Engineering; Choi, W., PI; Mechanical & Energy Engineering</i>									
GP6446	High Efficiency Flexible Rechargeable Battery Based on 3D Graphene-Carbon Nanotubes	Research	20	Korea Institute of Energy Research	Private	PI	\$2,536	100%	\$2,029
<i>Choi, W., PI; Materials Science & Engineering; Choi, W., PI; Mechanical & Energy Engineering</i>									
GP6339	3D Carbon Nanomaterials Towards High Efficiency Energy Storage	Research	20	Korea Institute of Science and Technology	Private	PI	\$35	100%	\$28
Totals for Choi,Wonbong									\$2,057
Collins,Peter Chancellor									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Collins, P., Co-PI; Young, M., PI; Materials Science & Engineering</i>									
GP6420	Nanometer Resolved Deformation Mapping of Advanced Non-Ferrous Structural Alloys	Research	20	Forging Foundation	Private	Co-PI	\$727	30%	\$218
Totals for Collins,Peter Chancellor									\$218
D'souza,Francis									
<i>D'souza, F., PI; Materials Science & Engineering; D'souza, F., PI; Chemistry</i>									
GF1692	Light Harvesting Nanocarbon-Sensitizer Supramolecules	Research	20	National Science Foundation	Federal	PI	\$719	100%	\$144
Totals for D'souza,Francis									\$144
D'Souza,Nandika Anne									
<i>D'Souza, N., PI; Materials Science & Engineering; D'Souza, N., PI; Choi, T., Co-PI; Mechanical & Energy Engineering</i>									
GP6315	Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials	Research	20	Semiconductor Research Corporation	Private	PI	\$3,030	50%	\$303
<i>D'Souza, N., Co-PI; Materials Science & Engineering; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Biology; D'Souza, N., Co-PI; Mechanical & Energy Engineering; Boyd, R., Co-</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$3,033	2%	\$61
Totals for D'Souza,Nandika Anne									\$364
Du,Jincheng									
<i>Du, J., Co-PI; Shepherd, N., PI; Materials Science & Engineering</i>									
GF1630	Workfunction Modification of ZnO Anodes for Second Generation OLEDs	Research	20	National Science Foundation	Federal	Co-PI	\$1,706	50%	\$853
GF2675	Molecular Dynamics-Based Simulations of Bulk/Interfacial Structures and Diffusion Behaviors in Nuclear Waste Glasses	Research	20	U.S. Department of Energy	Federal	PI	\$8,234	100%	\$8,234
<i>Du, J., Co-PI; Mishra, R., PI; Xia, Z., Co-PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry</i>									
GF4284	Engineered Materials and Materials Designs of Engineered Materials (EMMDEM)	Research	20	Northeastern University	Federal	Co-PI	\$1,140	45%	\$513
GF1593	GOALI/Collaborative: Impact of Mixed Network Formers on the Structure and Properties of Oxide Glasses	Research	20	National Science Foundation	Federal	PI	\$3,434	100%	\$3,434
Totals for Du,Jincheng									\$13,034
Mishra,Rajiv Sharan									
GF2679	Toughness/Strength Optimization of Magnesium Alloys via Friction Stir Welding/Processing	Research	20	Air Force Research Laboratory	Federal	PI	-\$3,471	100%	(\$3,471)
GF1605	NSF IUCRC: Friction Stir Processing	Research	20	National Science Foundation	Federal	PI	\$6,389	100%	\$6,389

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF2661	Fundamentals Of Functional Modifications to Structural Materials Using Friction Stir Processing	Research	20	Pacific Northwest National Laboratory	Federal	PI	-\$291	100%	(\$291)
<i>Mishra, R., PI; Xia, Z., Co-PI; Du, J., Co-PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry</i>									
GF4284	Engineered Materials and Materials Designs of Engineered Materials (EMMDEM)	Research	20	Northeastern University	Federal	PI	\$1,140	10%	\$114
<i>Mishra, R., PI; Mukherjee, S., Co-PI; Materials Science & Engineering</i>									
GF4257	Friction Stir Additive Manufacturing For Gradient Structures For Small Modular Reactors	Research	20	Materials & Electrochemical Research Corporation	Federal	PI	\$6,731	50%	\$3,366
<i>Mishra, R., PI; Mukherjee, S., Co-PI; Materials Science & Engineering</i>									
GF4256	Friction Stir Additive Manufacturing for Ultrasupercritical Power Plant Systems	Research	20	Materials & Electrochemical Research Corporation	Federal	PI	\$4,099	50%	\$2,049
GF2698	Development of Multi-Physics Based Hybrid Manufacturing for Unique Microstructures	Research	20	U.S. Army	Federal	PI	\$9,525	100%	\$9,525
GF2678	Development of Multi-Physics Based Hybrid Manufacturing for Unique Microstructure	Research	20	Air Force Research Laboratory	Federal	PI	\$0	100%	\$0
GF4252	REL-Concept Development for Materials Discovery Apparatus (MDA)	Research	20	REL, Incorporated	Federal	PI	-\$341	100%	(\$341)
GF1715	Collaborative Research: Friction Stir Processing of Metal Matrix Nanocomposites Fabricated by Semi-solid Processing	Research	20	National Science Foundation	Federal	PI	\$1,919	100%	\$1,919
GP6474	3-Inch Thick 7050-T7451 Friction Stir Weld Characterization	Research	20	GKN Aerospace North America, Inc.	Private	PI	\$2,190	100%	\$2,190
<i>Mishra, R., Co-PI; Wang, Z., PI; Materials Science & Engineering</i>									
GF1688	Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy	Research	20	National Science Foundation	Federal	Co-PI	\$3,355	50%	\$1,678
GP6448	Membership Fees - IUCRC Friction Stir Processing	Research	20	Generic Pooled Sponsor	Private	PI	\$12,830	100%	\$12,830
Totals for Mishra,Rajiv Sharan									\$35,956
Mukherjee,Sundeep									
<i>Mukherjee, S., Co-PI; Mishra, R., PI; Materials Science & Engineering</i>									
GF4257	Friction Stir Additive Manufacturing For Gradient Structures For Small Modular Reactors	Research	20	Materials & Electrochemical Research Corporation	Federal	Co-PI	\$6,731	50%	\$3,366

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount	
<i>Mukherjee, S., Co-PI; Mishra, R., PI; Materials Science & Engineering</i>										
GF4256	Friction Stir Additive Manufacturing for Ultrasupercritical Power Plant Systems	Research	20	Materials & Electrochemical Research Corporation	Federal	Co-PI	\$4,099	50%	\$2,049	
Totals for		Mukherjee,Sundeep								\$5,415
Needleman,Alan										
<i>Needleman, A., Co-PI; Banerjee, R., PI; Scharf, T., Co-PI; Materials Science & Engineering; Wilson, A., Co-PI; Chemistry</i>										
G72763	Institute for Science and Engineering Simulation	Research	20	Air Force Research Laboratory	Federal	Co-PI	\$22,220	25%	\$5,555	
Totals for		Needleman,Alan								\$5,555
Reidy III,Richard F										
GF4207	Atomically Precise Fabrication of Qubit Devices	Research	20	Zyvex Labs, LLC	Federal	PI	\$5,716	100%	\$5,716	
<i>Reidy III, R., Co-PI; Materials Science & Engineering; Crutsinger, C., PI; Provost; John, K., Co-PI; Mechanical & Energy Engineering; Tsatsoulis, C., Co-PI; Dean Engineering; Wils</i>										
GF4286	Engaging Male Colleagues as Advocates & Allies for the Advancement of Women Faculty	Research	20	North Dakota State University	Federal	Co-PI	\$1,692	20%	\$338	
Totals for		Reidy III,Richard F								\$6,054
Scharf,Thomas W										
<i>Scharf, T., Co-PI; Banerjee, R., PI; Needleman, A., Co-PI; Materials Science & Engineering; Wilson, A., Co-PI; Chemistry</i>										
G72763	Institute for Science and Engineering Simulation	Research	20	Air Force Research Laboratory	Federal	Co-PI	\$22,220	12.5%	\$2,778	
Totals for		Scharf,Thomas W								\$2,778
Shepherd,Nigel Dexter										
GP6449	Membership Fees: IUCRC Advanced Non-Ferrous Structural Alloys	Research	20	Generic Pooled Sponsor	Private	PI	\$3,357	100%	\$3,357	
<i>Shepherd, N., PI; Du, J., Co-PI; Materials Science & Engineering</i>										
GF1630	Workfunction Modification of ZnO Anodes for Second Generation OLEDs	Research	20	National Science Foundation	Federal	PI	\$1,706	50%	\$853	
Totals for		Shepherd,Nigel Dexter								\$4,210
Srivilliputhur,Srinivasan G.										
<i>Srivilliputhur, S., Co-PI; Banerjee, R., PI; Materials Science & Engineering</i>										
GF1696	DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering	Research	20	National Science Foundation	Federal	Co-PI	\$3,277	50%	\$1,638	
Totals for		Srivilliputhur,Srinivasan G.								\$1,638
Wang,Zhiqiang										

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Wang, Z., PI; Mishra, R., Co-PI; Materials Science & Engineering</i>									
GF1688	Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy	Research	20	National Science Foundation	Federal	PI	\$3,355	50%	\$1,678
		Totals for	Wang,Zhiqiang						\$1,678
Xia,Zhenhai									
<i>Xia, Z., PI; Materials Science & Engineering; Xia, Z., PI; Chemistry</i>									
GF1659	Collaborative Research: Multifunctional Nanocomposites with Reversible Switch and Controlled Release Surfaces	Research	20	National Science Foundation	Federal	PI	\$1,717	80%	\$1,374
<i>Xia, Z., PI; Materials Science & Engineering; Xia, Z., PI; Chemistry</i>									
GF4147	Nanofabrication of Tunable 3D Nanotube Architectures	Research	20	Case Western Reserve University	Federal	PI	\$3,197	100%	\$2,557
<i>Xia, Z., Co-PI; Mishra, R., PI; Du, J., Co-PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry</i>									
GF4284	Engineered Materials and Materials Designs of Engineered Materials (EMMDEM)	Research	20	Northeastern University	Federal	Co-PI	\$1,140	45%	\$410
		Totals for	Xia,Zhenhai						\$4,341
Young,Marcus Lynn									
GP6361	Fundamental Studies on Precipitation and Transformation Temperatures in NiTiHf High Temperature Shape Memory Alloy	Research	20	ATI Wah Chang	Private	PI	\$582	100%	\$582
GP6483	Fundamental Studies On Precipitation And Transformation Temperatures In NiTiZr High Temperature Shape Memory Alloy	Research	20	Allegheny Technologies Inc.	Private	PI	\$2,134	100%	\$2,134
<i>Young, M., Co-PI; Aouadi, S., PI; Materials Science & Engineering; Aouadi, S., PI; Physics</i>									
GF1708	REU Site: Advanced Processing and Materials Characterization	Research	20	National Science Foundation	Federal	Co-PI	\$1,156	50%	\$578
<i>Young, M., PI; Collins, P., Co-PI; Materials Science & Engineering</i>									
GP6420	Nanometer Resolved Deformation Mapping of Advanced Non-Ferrous Structural Alloys	Research	20	Forging Foundation	Private	PI	\$727	70%	\$509
		Totals for	Young,Marcus Lynn						\$3,803
		Totals for	Materials Science & Engineering						\$128,400
Mechanical & Energy Engineering									
Choi,Tae-Youl									
<i>Choi, T., Co-PI; D'Souza, N., PI; Mechanical & Energy Engineering; D'Souza, N., PI; Materials Science & Engineering</i>									
GP6315	Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials	Research	20	Semiconductor Research Corporation	Private	Co-PI	\$3,030	50%	\$1,515
		Totals for	Choi,Tae-Youl						\$1,515
Choi,Wonbong									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<i>Choi, W., PI; Mechanical & Energy Engineering; Choi, W., PI; Materials Science & Engineering</i>									
GP6446	High Efficiency Flexible Rechargeable Battery Based on 3D Graphene-Carbon Nanotubes	Research	20	Korea Institute of Energy Research	Private	PI	\$2,536	100%	\$507
<i>Choi, W., PI; Mechanical & Energy Engineering; Choi, W., PI; Materials Science & Engineering</i>									
GP6339	3D Carbon Nanomaterials Towards High Efficiency Energy Storage	Research	20	Korea Institute of Science and Technology	Private	PI	\$35	100%	\$7
Totals for Choi,Wonbong									\$514
D'Souza,Nandika Anne									
<i>D'Souza, N., PI; Choi, T., Co-PI; Mechanical & Energy Engineering; D'Souza, N., PI; Materials Science & Engineering</i>									
GP6315	Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials	Research	20	Semiconductor Research Corporation	Private	PI	\$3,030	50%	\$1,212
<i>D'Souza, N., Co-PI; Mechanical & Energy Engineering; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Biology; D'Souza, N., Co-PI; Materials Science & Engineering; Boyd, R., Co-</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$3,033	8%	\$243
Totals for D'Souza,Nandika Anne									\$1,455
John,Kuruville									
<i>John, K., Co-PI; Mechanical & Energy Engineering; Oppong, J., PI; Briggles, A., Co-PI; Philosophy & Religion Studies; Wilson, A., Co-PI; Chemistry</i>									
GF1675	Gaming Graduate Ethics Education in Science & Engineering	Research	20	National Science Foundation	Federal	Co-PI	\$4,450	10%	\$445
GS6030	Corpus Christi Ozone Near Non-Attainment Area Air Quality Monitoring Activities (2014-2015)	Research	20	City of Corpus Christi	State	PI	\$10,513	100%	\$10,513
GP6403	North Texas Ozone Attainment Initiative Study	Research	20	Downwinders at Risk Educational Foundation (DAREF)	Private	PI	\$4,977	100%	\$4,977
<i>John, K., Co-PI; Mechanical & Energy Engineering; Crutsinger, C., PI; Provost; Reidy III, R., Co-PI; Materials Science & Engineering; Tsatsoulis, C., Co-PI; Dean Engineering; Wils</i>									
GF4286	Engaging Male Colleagues as Advocates & Allies for the Advancement of Women Faculty	Research	20	North Dakota State University	Federal	Co-PI	\$1,692	20%	\$338
Totals for John,Kuruville									\$16,274
Tao,Yong Xin									
GF1667	RCN-SEES: Predictive Modeling Network for Sustainable Human-Building Ecosystems (SHBE)	Research	20	National Science Foundation	Federal	PI	\$8,012	100%	\$8,012
GF2691	Dynamic Behavior and Failure of Advanced High-Performance Structural Materials	Research	20	U.S. Army Corps of Engineers	Federal	PI	\$6,981	100%	\$6,981

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<i>Tao, Y., PI; Yu, X., Co-PI; Mechanical & Energy Engineering</i>									
GF2684	Highly Stretchable Miniature Strain Sensors for Kolsky Bar Applications - Phase I: Feasibility Investigation	Research	20	Sandia National Laboratory	Federal	PI	\$2,172	50%	\$1,086
		Totals for	Tao,Yong Xin						\$16,079
Yu,Xun									
<i>Yu, X., Co-PI; Tao, Y., PI; Mechanical & Energy Engineering</i>									
GF2684	Highly Stretchable Miniature Strain Sensors for Kolsky Bar Applications - Phase I: Feasibility Investigation	Research	20	Sandia National Laboratory	Federal	Co-PI	\$2,172	50%	\$1,086
		Totals for	Yu,Xun						\$1,086
		Totals for	Mechanical & Energy Engineering						\$36,924
		Totals for	College of Engineering						\$278,936

College of Information

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	20	National Science Foundation	Federal	Co-PI	\$6,232	33%	\$2,056
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Christensen, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learning Technologies

GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	20	National Science Foundation	Federal	Co-PI	\$26,329	33%	\$8,689
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Christensen, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learning Technologies

GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research	20	University of Hawaii	Private	Co-PI	\$4,959	33%	\$1,637
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Totals for **Christensen,Rhonda R** **\$12,382**

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	20	National Science Foundation	Federal	Co-PI	\$6,232	33%	\$2,056
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Knezek, G., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Learning Technologies

GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	20	National Science Foundation	Federal	PI	\$26,329	34%	\$8,952
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Knezek, G., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Learning Technologies

GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research	20	University of Hawaii	Private	PI	\$4,959	34%	\$1,686
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Totals for **Knezek,Gerald** **\$12,694**

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount	
Tyler-Wood,Tandra L										
<i>Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies</i>										
GP6405	Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)	Research	20	University of Hawaii	Private	Co-PI	\$4,959	33%	\$1,637	
<i>Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies</i>										
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	20	National Science Foundation	Federal	Co-PI	\$26,329	33%	\$8,689	
<i>Tyler-Wood, T., PI; Knezek, G., Co-PI; Christensen, R., Co-PI; Learning Technologies</i>										
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	20	National Science Foundation	Federal	PI	\$6,232	34%	\$2,119	
GF4226	Exploring STEM Learning Options: A Postdoctoral Fellowship Award	Research	20	Baton Rouge Area Foundation	Federal	PI	\$21	100%	\$21	
		Totals for	Tyler-Wood,Tandra L							\$12,465
		Totals for	Learning Technologies							\$37,541
Library & Information Sciences										
Caragea,Cornelia Alexandra										
<i>Caragea, C., PI; Library & Information Sciences; Caragea, C., PI; Computer Science & Engineering</i>										
GF1700	TWC: Small: Collaborative: Towards Privacy Preserving Online Image Sharing	Research	20	National Science Foundation	Federal	PI	\$4,725	100%	\$945	
<i>Caragea, C., PI; Library & Information Sciences; Caragea, C., PI; Tarau, P., Co-PI; Computer Science & Engineering</i>										
GF1703	III: Small: Collaborative Research: Keyphrase Extraction in Document Networks	Research	20	National Science Foundation	Federal	PI	\$4,958	70%	\$694	
<i>Caragea, C., PI; Library & Information Sciences; Caragea, C., PI; Computer Science & Engineering</i>										
GF1671	EAGER: Collaborative Research: Establishing Trustworthy Citizen-Created Data for Disaster Response and Humanitarian Action	Research	20	National Science Foundation	Federal	PI	\$0	100%	\$0	
		Totals for	Caragea,Cornelia Alexandra							\$1,639
Chen,Jiangping										
GF2670	National Leadership Grant 2013: Effective and Efficient Multilingual Information Access to Digital Collections	Research	20	Institute of Museum and Library Services	Federal	PI	\$2,392	100%	\$2,392	
		Totals for	Chen,Jiangping							\$2,392
West,Ruth										

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<i>West, R., PI; Library & Information Sciences; West, R., PI; CoVAD-Division Of Studio</i>									
GF1658	CGV: Medium: Collaborative Research: Developing Conceptual Models for Navigation, Marking, and Inspection in the Context of 3D Image Segmentation"	Research	20	National Science Foundation	Federal	PI	\$1,076	60%	\$646
		Totals for	West,Ruth						\$646
		Totals for	Library & Information Sciences						\$4,677
Linguistics									
Chelliah,Shobhana L									
GF1613	Lamkang Lexical Database and Online Dictionary (LMK)	Research	20	National Science Foundation	Federal	PI	\$2,429	100%	\$2,429
		Totals for	Chelliah,Shobhana L						\$2,429
		Totals for	Linguistics						\$2,429
		Totals for	College of Information						\$44,647
College of Public Affairs & Community Service									
Anthropology									
Squires,Susan Elaine									
GS6027	Aging Texas Well Community Assessment	Research	20	North Central Texas Council of Governments	State	PI	\$1,658	100%	\$1,658
		Totals for	Squires,Susan Elaine						\$1,658
		Totals for	Anthropology						\$1,658
Public Administration									
Andrew,Simon									
GF1712	RAPID: Modeling Communication Management and Trust Networks in Ebola Response in Dallas-Fort Worth Metropolitan Region	Research	20	National Science Foundation	Federal	PI	\$36	100%	\$36
		Totals for	Andrew,Simon						\$36
Benavides,Abraham David									
<i>Benavides, A., PI; McEntire, D., Co-PI; Public Administration</i>									
GF1713	RAPID: Spontaneous Planning, Governance Structure, and a Public Health Emergency: Ebola in Dallas Texas	Research	20	National Science Foundation	Federal	PI	\$302	50%	\$151
		Totals for	Benavides,Abraham David						\$151
Dash,Nicole									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Dash, N., Co-PI; Webb, G., PI; Public Administration</i>									
GF1693	An Exploratory Study of Disaster Preparedness among Native American Communities in the United States	Research	20	National Science Foundation	Federal	Co-PI	\$2,212	50%	\$1,106
		Totals for	Dash,Nicole						\$1,106
McEntire,David A									
<i>McEntire, D., Co-PI; Benavides, A., PI; Public Administration</i>									
GF1713	RAPID: Spontaneous Planning, Governance Structure, and a Public Health Emergency: Ebola in Dallas Texas	Research	20	National Science Foundation	Federal	Co-PI	\$302	50%	\$151
		Totals for	McEntire,David A						\$151
Webb,Gary R									
<i>Webb, G., PI; Dash, N., Co-PI; Public Administration</i>									
GF1693	An Exploratory Study of Disaster Preparedness among Native American Communities in the United States	Research	20	National Science Foundation	Federal	PI	\$2,212	50%	\$1,106
		Totals for	Webb,Gary R						\$1,106
		Totals for	Public Administration						\$2,550
Rehabilitation, Social Work & Addictions									
Brooks,Jessica Marie									
GP6473	Self-Determination, Vocational Rehabilitation Engagement and Recovery from Consumers' Perspective: A Mixed-Methods Study	Research	20	Hogg Foundation for Mental Health	Private	PI	\$724	100%	\$724
		Totals for	Brooks,Jessica Marie						\$724
		Totals for	Rehabilitation, Social Work & Addictions						\$724
Speech & Hearing Sciences									
Amlani,Amy M									
GP6358	Dementia and Hearing Aids	Research	20	Unitron	Private	PI	\$203	100%	\$203
GP6495	Willingness-to-Pay and Real-Ear Verification	Research	20	Audioscan	Private	PI	\$413	100%	\$413
		Totals for	Amlani,Amy M						\$616
Aoyama,Katsura									
<i>Aoyama, K., Co-PI; Schafer, E., PI; Speech & Hearing Sciences</i>									
GP6418	Effects of Nonlinear Frequency Compression on Performance of Individuals Who Speak Mandarin Chinese and have Hearing Loss	Research	20	American Speech-Language-Hearing Foundation	Private	Co-PI	\$340	20%	\$68
		Totals for	Aoyama,Katsura						\$68

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
Schafer,Erin Cheri									
<i>Schafer, E., PI; Aoyama, K., Co-PI; Speech & Hearing Sciences</i>									
GP6418	Effects of Nonlinear Frequency Compression on Performance of Individuals Who Speak Mandarin Chinese and have Hearing Loss	Research	20	American Speech-Language-Hearing Foundation	Private	PI	\$340	80%	\$272
Totals for		Schafer,Erin Cheri							\$272
Totals for		Speech & Hearing Sciences							\$956
Totals for		College of Public Affairs & Community Service							\$5,888
College of Visual Arts And Design									
<i>CoVAD-Division Of Studio</i>									
West,Ruth									
<i>West, R., PI; CoVAD-Division Of Studio; West, R., PI; Library & Information Sciences</i>									
GF1658	CGV: Medium: Collaborative Research: Developing Conceptual Models for Navigation, Marking, and Inspection in the Context of 3D Image Segmentation"	Research	20	National Science Foundation	Federal	PI	\$1,076	40%	\$430
Totals for		West,Ruth							\$430
Totals for		CoVAD-Division Of Studio							\$430
Totals for		College of Visual Arts And Design							\$430
International Studies & Programs									
<i>UNT International-Comm Outreac</i>									
Carranza,Gabriel									
<i>Carranza, G., Co-PI; UNT International-Comm Outreac; Acevedo, M., PI; Electrical Engineering</i>									
GF4254	Global Research and Education Initiative on Sustainable Desalination Technology	Research	20	Institute of International Education	Federal	Co-PI	\$2,364	50%	\$1,182
Totals for		Carranza,Gabriel							\$1,182
Totals for		UNT International-Comm Outreac							\$1,182
Totals for		International Studies & Programs							\$1,182
Provost & VP Academic Affairs									
<i>Provost</i>									
Crutsinger,Christy Ann									
<i>Crutsinger, C., PI; Provost; Reidy III, R., Co-PI; Materials Science & Engineering; John, K., Co-PI; Mechanical & Energy Engineering; Tsatsoulis, C., Co-PI; Dean Engineering; Wils</i>									
GF4286	Engaging Male Colleagues as Advocates & Allies for the Advancement of Women Faculty	Research	20	North Dakota State University	Federal	PI	\$1,692	20%	\$338
Totals for		Crutsinger,Christy Ann							\$338
Totals for		Provost							\$338

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<i>Toulouse Graduate School</i>									
Oppong,Joseph R									
GF1633	Graduate Research Fellowship Award for Jessica Rimsza	Research	20	National Science Foundation	Federal	PI	\$3,611	100%	\$3,611
GF1723	NSF Graduate Research Fellowship-Natalie Parde	Research	20	National Science Foundation	Federal	PI	\$2,833	100%	\$2,833
Totals for		Oppong,Joseph R							\$6,444
Totals for		Toulouse Graduate School							\$6,444
Totals for		Provost & VP Academic Affairs							\$6,783
Totals for		UNT							\$864,385
Total for December FY2016:									\$864,385