

Monthly Restricted Research Expenditures Report for January 2016

Office of Grants and Contracts, University of North Texas

Expenditures Total by College	January 2015	January 2016	YTD FY2015	YTD FY2016
College of Arts and Sciences	\$533,703	\$434,723	\$2,868,974	\$2,176,133
College of Business	\$1,661	\$18,045	\$8,573	\$60,651
College of Education	\$41,888	\$9,587	\$172,455	\$47,778
College of Engineering	\$405,356	\$224,413	\$2,188,427	\$1,614,153
College of Information	\$67,969	\$43,658	\$280,287	\$180,789
College of Merchandising Hospitality and Tourism	\$0	\$0	\$0	\$0
College of Music	\$0	\$0	\$0	\$0
College of Public Affairs and Community Service	\$4,826	\$9,992	\$30,179	\$36,888
College of Visual Arts and Design	\$1,183	\$230	\$6,300	\$3,407
School of Journalism	\$0	\$0	\$0	\$2,987
Other	\$22,490	\$6,523	\$77,037	\$16,001
Dept IDs (Fund 34)	\$88,240	\$74,970	\$273,481	\$270,043
Grand Total:	\$1,167,317	\$822,141	\$5,905,713	\$4,408,830

Expenditures Total by Category

Research	\$1,167,317	\$822,141	\$5,905,713	\$4,408,830
Grand Total:	\$1,167,317	\$822,141	\$5,905,713	\$4,408,830

Expenditures Total by Source of Funding

Federal (Fund 31)	\$796,811	\$516,335	\$4,097,931	\$2,908,961
Private (Fund 33)	\$215,650	\$197,708	\$1,178,235	\$1,053,024
State (Fund 32/04)	\$66,616	\$33,128	\$356,066	\$176,802
Other (Fund 34)	\$88,240	\$74,970	\$273,481	\$270,043
Grand Total:	\$1,167,317	\$822,141	\$5,905,713	\$4,408,830

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, January 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			\$74,970	100%	\$74,970
	Totals for	Fund 34							\$74,970
	Totals for	All Departments Fund 34 spending							\$74,970
	Totals for	All Colleges Fund 34 spending							\$74,970
College of Arts & Sciences									
Biology									
Atkinson,Samuel F									
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
G70933	Aquatic Macrophyte Restoration Project, Lake Austin and Town Lake, Texas	Research	20	City of Austin	Private	PI	\$1,936	100%	\$1,936
GF4282	Lemoore Lake Aquatic and Upland Vegetation Establishment: Camp Maxey	Research	20	Texas Adjutant Generals Department	Federal	PI	\$13	100%	\$13
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
GP7629	Year 3 - Native Plant Communities for Wetlands on the City of Grand Prairie Landfill	Research	20	City of Grand Prairie	Private	PI	\$32	100%	\$32
GF2676	USAE Research & Development Center	Research	20	U.S. Army Corps of Engineers	Federal	PI	\$5,615	100%	\$5,615
GS5178	Lamar Lake and Lake Neff Aquatic Ecosystem Restoration - Camp Maxey, Texas	Research	20	Texas Adjutant Generals Department	State	PI	\$420	100%	\$420
	Totals for	Atkinson,Samuel F							\$16,580

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
Ayre,Brian G									
GP6273	Regulation of Growth Habit in Complex Sympodial Plants: Applying the Tomato Model to Cotton	Research	20	US Israel Binational Agricultural Research & Development- BARD	Private	PI	\$290	100%	\$290
GP6457	Virus Induced Flowering in Photoperiod-Sensitive Cotton: Advanced Genetic Tools for Testing Hypotheses and Manipulating Cotton Traits	Research	20	Cotton Incorporated	Private	PI	\$7,829	100%	\$7,829
GP6458	Development of Virus-Induced Flowering to Benefit Breeding Between Domesticated and Photoperiodic Sorghum	Research	20	United Sorghum Checkoff	Private	PI	\$5,236	100%	\$5,236
<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	\$4,718	50%	\$2,359
Totals for Ayre,Brian G									\$15,713
Azad,Rajeev Kumar									
<i>Azad, R., Co-PI; Dixon, R., PI; Chen, F., Co-PI; Biology; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Materials Science</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$7,104	6%	\$426
<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	\$5,514	17.4%	\$959
Totals for Azad,Rajeev Kumar									\$1,386
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	\$37	100%	\$37
Totals for Brumbley,Stevens M									\$37
Burggren,Warren W									
<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	\$1,256	60%	\$754
GP6498	Developmental Implications of Vertebrate Blastocyst Disassembly and Reassembly	Research	20	Dallas IVF	Private	PI	\$730	100%	\$730

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
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	\$8,761	100%	\$8,761
<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	\$11,819	33%	\$3,900
GF1551	Developmental Co-dependence and Embryonic Programming of Cardiac and Renal Systems Function in Vertebrates - II	Research	20	National Science Foundation	Federal	PI	\$2,650	100%	\$2,650
<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	\$18,166	33%	\$5,995
Totals for Burggren,Warren W									\$22,789
Chapman,Kent D									
GP6443	Engineering Seed Value in Cotton - Strategies to Modify Seed Protein Reserves in Cotton	Research	20	Cotton Incorporated	Private	PI	\$5,134	100%	\$5,134
GF2699	Regulation of Neutral Lipid Metabolism in Plants	Research	20	U.S. Department of Agriculture	Federal	PI	\$2,348	100%	\$2,348
G72501	Amidase-mediated Modulation of N-Acylethanolamine (NAE) Signaling Pathway in Plants	Research	20	U.S. Department of Energy	Federal	PI	\$21,611	100%	\$21,611
<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	\$2,126	75%	\$1,594
Totals for Chapman,Kent D									\$30,688
Chen,Fang									
<i>Chen, F., Co-PI; Dixon, R., PI; Azad, R., Co-PI; Biology; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Materials Science</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$7,104	25%	\$1,776
<i>Chen, F., Co-PI; Dixon, R., PI; Biology</i>									
GF4183	Bioenergy Sciences Center	Research	20	UT-Battelle, LLC	Federal	Co-PI	\$23,547	50%	\$11,774
GF4187	Development of Crucial Tools for Lignin Research	Research	20	University of Wisconsin - Madison	Federal	PI	\$4	100%	\$4
<i>Chen, F., Co-PI; Dixon, R., PI; Biology</i>									
GF4238	Plant-based Sesquiterpenes	Research	20	Chromatin, Inc.	Federal	Co-PI	\$18,402	25%	\$4,601

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
		Totals for		Chen,Fang					\$18,154
Crossley II,Dane Alan									
<i>Crossley II, D., PI; Burggren, W., Co-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	PI	\$18,166	33%	\$5,995
<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	\$11,819	33%	\$3,900
		Totals for		Crossley II,Dane Alan					\$9,895
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	\$6,411	100%	\$6,411
GF4174	GEPR: Genetic and Cellular Dissection of Mutualistic Plant-Cicrobe Symbioses in Medicago Truncatula	Research	20	Samuel Roberts Noble Foundation, Inc.	Federal	PI	\$3,771	100%	\$3,771
GF1516	Collaborative Research: Putative Nitrate Transporter Regulates Symbiotic Nodule Development	Research	20	National Science Foundation	Federal	PI	\$449	100%	\$449
		Totals for		Dickstein,Rebecca					\$10,630
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	\$40	100%	\$40
GP6433	Condensed Tannin Expression in Row Crops	Research	20	Grasslanz Technology Limited (GTL)	Private	PI	\$2,880	100%	\$2,880
<i>Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biology; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Materials Science</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	PI	\$7,104	45%	\$3,197
<i>Dixon, R., PI; Chen, F., Co-PI; Biology</i>									
GF4183	Bioenergy Sciences Center	Research	20	UT-Battelle, LLC	Federal	PI	\$23,547	50%	\$11,774
GF4288	Metabolomics: Advancing the Scientific Promise to Better Understand Plant Specialized Metabolism for a Low Carbon Society	Research	20	University of Missouri-Columbia	Federal	PI	\$5,185	100%	\$5,185

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<i>Dixon, R., PI; Chen, F., Co-PI; Biology</i>									
GF4238	Plant-based Sesquiterpenes	Research	20	Chromatin, Inc.	Federal	PI	\$18,402	75%	\$13,802
GP6331	Molecular Approaches to Improved Protein Utilization in Alfalfa Research	20		Forage Genetics International	Private	PI	\$7,479	100%	\$7,479
	Totals for			Dixon,Richard Arthur					\$44,356
Dzialowski,Edward Michael									
GF1622	Ontogeny of Endothermy's Cellular Furnace	Research	20	National Science Foundation	Federal	PI	\$10,411	100%	\$10,411
	Totals for			Dzialowski,Edward Michael					\$10,411
Hoeinghaus,David Joseph									
GF4275	Experimental Determination of Host Suitability for Six State-Threatened Mussel Species	Research	20	Texas Parks and Wildlife Department	Federal	PI	\$786	100%	\$786
	Totals for			Hoeinghaus,David Joseph					\$786
Hunt Von Herbing,Ione V									
GP6435	Probiotics as an Alternative to Antibiotics to Improve Growth and Survival in Marine Finfish Aquaculture	Research	20	New Venture Fund	Private	PI	-\$11	100%	(\$11)
	Totals for			Hunt Von Herbing,Ione V					(\$11)
Johnson,Jeff A.									
GP6491	Assessment of Genetic Diversity in the Iowa Greater Prairie Chicken Population	Research	20	Iowa State University	Private	PI	\$1,157	100%	\$1,157
	Totals for			Johnson,Jeff A.					\$1,157
Kennedy,James H									
GP6470	Surveillance of Mosquito and Arbovirus/West Nile	Research	20	City of Denton	Private	PI	\$44	100%	\$44
	Totals for			Kennedy,James H					\$44
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	\$7,068	20%	\$1,414
	Totals for			Longo,Antonella					\$1,414
Mittler,Ron									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Mittler, R., PI; Azad, R., Co-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	PI	\$5,514	42%	\$2,316
		Totals for	Mittler,Ron						\$2,316
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	\$1,256	40%	\$502
		Totals for	Padilla,Pamela A						\$502
Reyna,Kelly Shane									
GS5187	Clay County Quail and Grassland Bird Habitat Corridor	Research	20	Texas Parks and Wildlife Department	State	PI	-\$389	100%	(\$389)
		Totals for	Reyna,Kelly Shane						(\$389)
Roberts,Aaron Patrick									
<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	\$11,819	34%	\$4,018
GF4091	Photoenhanced Toxicity of DWH Oil to fish and Zooplankton	Research	20	Stratus Consulting	Federal	PI	\$232	100%	\$232
<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	\$18,166	34%	\$6,176
		Totals for	Roberts,Aaron Patrick						\$10,427
Shah,Jyoti									
GF0501	Targeting Host Defense Mechanism for Enhancing FHB Resistance in Wheat	Research	20	U.S. Department of Agriculture	Federal	PI	\$2,203	100%	\$2,203
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	\$1,335	100%	\$1,335
<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	\$4,757	60%	\$2,854
		Totals for	Shah,Jyoti						\$6,392

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<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	\$5,514	29%	\$1,599
GP6456	Metabolomic Investigation of Cotton Fiber Quality Biomarkers	Research	20	Cotton Incorporated	Private	PI	\$21,060	100%	\$21,060
<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	\$4,718	50%	\$2,359
		Totals for	Shulaev,Vladimir						\$25,018
Steigman,Kenneth Lee									
G72212	Ecosystem Research at Lake Lewisville Environmental Learning Area	Research	20	City of Lewisville	Federal	PI	\$557	100%	\$557
		Totals for	Steigman,Kenneth Lee						\$557
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	\$3,339	10%	\$334
		Totals for	Tam,Nicoladie D						\$334
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	\$2,126	25%	\$531
		Totals for	Thompson,Ruthanne						\$531
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	\$4,757	27%	\$1,284
		Totals for	Venables,Barney J						\$1,284
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	\$43	15%	\$6

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<i>Verbeck IV, G., PI; Biology; Verbeck IV, G., PI; Chemistry</i>									
GS5184	Single Organelle Analysis for Metabolite in Tumor Cells Using Microfluidic Devices Coupled to Direct Nanoextraction-Nanospray	Research	20	Cancer Prevention and Research Institute of Texas	State	PI	\$23	30%	\$7
Totals for		Verbeck IV,Guido Fridolin							\$13
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	\$7,068	80%	\$5,655
Totals for		Wang,Xiaoqiang							\$5,655
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	\$7,428	100%	\$7,428
Totals for		Wright,Amanda Joy							\$7,428
Totals for		Biology							\$244,098
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	\$37	50%	\$18
Totals for		Bomba,Michael Stephen							\$18
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	\$37	50%	\$18
Totals for		Pohlen,Terrance L							\$18
Totals for		Center for Economic Development							\$37
Chemistry									
Bagus,Paul S									
GP6368	Electronic Structure of CeO2	Research	20	Saudi Basic Industries Corporation	Private	PI	\$2,882	100%	\$2,882
Totals for		Bagus,Paul S							\$2,882
Buongiorno Nardelli,Marco									
<i>Buongiorno Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M., PI; Physics</i>									
GF4193	Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies	Research	20	Duke University	Federal	PI	\$27,176	20%	\$5,435
Totals for		Buongiorno Nardelli,Marco							\$5,435

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
Cundari,Thomas Richard									
G73184	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	Research	20	U.S. Department of Energy	Federal	PI	\$3,296	100%	\$3,296
GF4159	Center for Enabling New Technologies Through Catalysis (CENTC)	Research	20	University of Washington	Federal	PI	\$1,944	100%	\$1,944
GF1740	Earth-abundant Metal Catalysts for the Functionalization of Strong Carbon-Hydrogen Bonds	Research	20	National Science Foundation	Federal	PI	\$1,999	100%	\$1,999
<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	\$6,992	50%	\$3,496
Totals for Cundari,Thomas Richard									\$10,735
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	\$1,316	80%	\$1,053
Totals for D'souza,Francis									\$1,053
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	\$43	50%	\$21
<i>Golden, T., Co-PI; Chemistry; D'Souza, N., PI; Mechanical & Energy Engineering; D'Souza, N., PI; Materials Science & Engineering</i>									
GP6278	Bioinspired Nanocomposite Coatings for Corrosion Protection	Research	20	Qatar University	Private	Co-PI	-\$195	50%	(\$97)
Totals for Golden,Teresa D									(\$76)
Kelber,Jeffry A									
GF2686	Doped Boron Carbide Polymers: Fundamental Studies of Novel Class Materials for Enhanced Radiation Detection	Research	20	Defense Threat Reduction Agency	Federal	PI	\$15,780	100%	\$15,780
GF4243	Center for Spintronic Materials, Interfaces and Novel Architectures (C-SPIN)	Research	20	University of Minnesota	Federal	PI	\$1,923	100%	\$1,923
GF1732	Collaborative Research: Spintronics Without Spin Injection	Research	20	National Science Foundation	Federal	PI	\$6,568	100%	\$6,568
Totals for Kelber,Jeffry A									\$24,271

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
Marshall,Paul									
GP7632	Kinetic and Product Studies of Complex-Forming Reactions in the Gas Phase	Research	20	Robert A. Welch Foundation	Private	PI	\$5,178	100%	\$5,178
		Totals for		Marshall,Paul					\$5,178
Omary,Mohammad A									
GF1704	Macromolecular, Supramolecular and/or Nanomolecular Photophysics and Photochemistry of d10 and d8 Complexes	Research	20	National Science Foundation	Federal	PI	\$12,051	100%	\$12,051
GF4268	Advanced Gas Sensing Technology for Space Suits	Research	20	Intelligent Optical Systems, Inc.	Federal	PI	\$175	100%	\$175
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	20	Robert A. Welch Foundation	Private	PI	\$4,972	100%	\$4,972
GP6490	An Intelligent Open Hole Wireline Tool Conveyance System	Research	20	Texas A & M University System	Private	PI	\$7,879	100%	\$7,879
<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	\$5,262	50%	\$2,631
		Totals for		Omary,Mohammad A					\$27,708
Petros,Robby Allen									
<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	\$5,262	50%	\$2,631
<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	\$4,757	13%	\$618
		Totals for		Petros,Robby Allen					\$3,249
Richmond,Michael George									
GP7633	Synthesis and Reactivity Studies of Metal Clusters	Research	20	Robert A. Welch Foundation	Private	PI	\$5,094	100%	\$5,094
		Totals for		Richmond,Michael George					\$5,094
Slaughter III,Legrande Mancel									
GF1680	Harnessing Nonclassical Metal-Arene Interactions to Achieve Enantioselective Catalysis	Research	20	National Science Foundation	Federal	PI	\$1,655	100%	\$1,655

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
		Totals for	Slaughter III,Legrande Mancel						\$1,655
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	\$43	35%	\$15
<i>Verbeck IV, G., PI; Chemistry; Verbeck IV, G., PI; Biology</i>									
GS5184	Single Organelle Analysis for Metabolite in Tumor Cells Using Microfluidic Devices Coupled to Direct Nanoextraction-Nanospray	Research	20	Cancer Prevention and Research Institute of Texas	State	PI	\$23	70%	\$16
		Totals for	Verbeck IV,Guido Fridolin						\$31
Wilson,Angela Kay									
<i>Wilson, A., Co-PI; Chemistry; Banerjee, R., PI; Needleman, A., Co-PI; Scharf, T., Co-PI; Materials Science & Engineering</i>									
G72763	Institute for Science and Engineering Simulation	Research	20	Air Force Research Laboratory	Federal	Co-PI	-\$46,141	12.5%	(\$5,768)
<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	\$6,992	50%	\$3,496
<i>Wilson, A., OT; Chemistry; Oppong, J., PI; Briggles, 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	\$3,288	10%	\$329
		Totals for	Wilson,Angela Kay						(\$1,943)
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	\$5,281	20%	\$1,056
<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	\$867	20%	\$173
<i>Xia, Z., Co-PI; Chemistry; Mishra, R., PI; Du, J., Co-PI; Xia, Z., Co-PI; Materials Science & Engineering</i>									
GF4284	Engineered Materials and Materials Designs of Engineered Materials (EMMDEM)	Research	20	Northeastern University	Federal	Co-PI	\$1,815	9%	\$163
		Totals for	Xia,Zhenhai						\$1,393
		Totals for	Chemistry						\$86,665
Communication Studies									
Ahmed,Iftekhar									
GF1648	VOSS: Research on the Process of Virtual Environment	Research	20	National Science Foundation	Federal	PI	\$1,464	100%	\$1,464
		Totals for	Ahmed,Iftekhar						\$1,464

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount	
		Totals for	Communication Studies							\$1,464
Economics										
Carroll,Michael Charles										
GP6505	Economic Impacts and Urban Influence of the AT&T Performing Arts Center	Research	20	AT&T Performing Arts Center	Private	PI	\$1,227	100%	\$1,227	
		Totals for	Carroll,Michael Charles							\$1,227
		Totals for	Economics							\$1,227
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	\$617	80%	\$494	
		Totals for	Rice,Murray D							\$494
Tiwari,Chetan										
<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	-\$6,656	50%	(\$3,328)	
<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	\$617	20%	\$123	
<i>Tiwari, C., Co-PI; Geography; Mikler, A., 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	\$19,259	35%	\$6,741	
		Totals for	Tiwari,Chetan							\$3,536
		Totals for	Geography							\$4,030
Mathematics										
Azad,Rajeev Kumar										
<i>Azad, R., Co-PI; Mathematics; Mittler, R., PI; Azad, R., Co-PI; Shulaev, V., 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	\$5,514	11.6%	\$640	
<i>Azad, R., Co-PI; Mathematics; Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biology; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Materials Science</i>										
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$7,104	4%	\$284	
		Totals for	Azad,Rajeev Kumar							\$924
Conley,Charles H										

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
GP6191	Lie Algebra Cohomology and Invariant Differential Operators	Research	20	Simons Foundation	Private	PI	\$2,033	100%	\$2,033
	Totals for	Conley,Charles H							\$2,033
Fishman,Lior									
GP6290	Diophantine Approximation on Fractals	Research	20	Simons Foundation	Private	PI	\$1,918	100%	\$1,918
	Totals for	Fishman,Lior							\$1,918
Gao,Su									
GP6291	Diophantine Approximation on Fractals	Research	20	Simons Foundation	Private	PI	\$63	100%	\$63
<i>Gao, S., PI; Jackson, S., Co-PI; Urbanski, M., Co-PI; Mathematics</i>									
GF1543	Research Training Group in Logic and Dynamics	Research	20	National Science Foundation	Federal	PI	\$3,961	34%	\$1,347
<i>Gao, S., PI; Jackson, S., Co-PI; Mathematics</i>									
GF1624	Equivalence Relations, Symbolic Dynamics and Descriptive Set Theory	Research	20	National Science Foundation	Federal	PI	\$1,340	50%	\$670
	Totals for	Gao,Su							\$2,079
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	\$3,961	33%	\$1,307
<i>Jackson, S., Co-PI; Gao, S., PI; Mathematics</i>									
GF1624	Equivalence Relations, Symbolic Dynamics and Descriptive Set Theory	Research	20	National Science Foundation	Federal	Co-PI	\$1,340	50%	\$670
	Totals for	Jackson,Stephen Craig							\$1,977
Krueger,John Eric									
GF1719	Forcing and Consistency Results	Research	20	National Science Foundation	Federal	PI	\$1,028	100%	\$1,028
	Totals for	Krueger,John Eric							\$1,028
Sari,Bunyamin									
GP6207	Problems in Linear and Nonlinear Geometry of Banach Spaces	Research	20	Simons Foundation	Private	PI	\$252	100%	\$252
	Totals for	Sari,Bunyamin							\$252
Urbanski,Mariusz									
GF1697	Thermodynamic Formalism, Dynamics and Dimensions	Research	20	National Science Foundation	Federal	PI	\$727	100%	\$727

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<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	\$3,961	33%	\$1,307
Totals for		Urbanski,Mariusz							\$2,034
Totals for		Mathematics							\$12,244
Philosophy & Religion Studies									
Briggle,Adam Robert Dryden									
<i>Briggle, A., Co-PI; Oppong, J., PI; Philosophy & Religion Studies; Wilson, A., OT; 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	\$3,288	30%	\$986
Totals for		Briggle,Adam Robert Dryden							\$986
Oppong,Joseph R									
<i>Oppong, J., PI; Briggle, A., Co-PI; Philosophy & Religion Studies; Wilson, A., OT; Chemistry; John, K., Co-PI; Mechanical & Energy Engineering</i>									
GF1675	Gaming Graduate Ethics Education in Science & Engineering	Research	20	National Science Foundation	Federal	PI	\$3,288	50%	\$1,644
Totals for		Oppong,Joseph R							\$1,644
Totals for		Philosophy & Religion Studies							\$2,630
Physics									
Buongiorno Nardelli,Marco									
<i>Buongiorno Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; Chemistry</i>									
GF4193	Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies	Research	20	Duke University	Federal	PI	\$27,176	80%	\$21,741
Totals for		Buongiorno Nardelli,Marco							\$21,741
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	\$9	50%	\$5
Totals for		Glass,Gary Alan							\$5
Grigolini,Paolo									
GF2696	Behavioral Constraints on Game Theory	Research	20	U.S. Army	Federal	PI	\$25	100%	\$25
GP7634	Ergodicity Breaking in Chemical, Biological and Cooperative Systems	Research	20	Robert A. Welch Foundation	Private	PI	\$503	100%	\$503
Totals for		Grigolini,Paolo							\$528
Lin,Yuankun									

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	\$506	75%	\$379
<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	\$654	37.5%	\$245
Totals for Lin,Yuankun									\$624
Mueller,Dennis William									
GF1600	Kinematically Complete Measurements for Positron Impact Ionization of Atoms and Simple Molecules	Research	20	National Science Foundation	Federal	PI	-\$2,304	100%	(\$2,304)
Totals for Mueller,Dennis William									(\$2,304)
Ordonez,Carlos A									
GF1640	Collaborative Research: Experimental and Theoretical Study of the Plasma of Antihydrogen Generation and Trapping	Research	20	National Science Foundation	Federal	PI	-\$214	100%	(\$214)
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	\$2,399	100%	\$2,399
Totals for Ordonez,Carlos A									\$2,185
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	\$9	50%	\$5
Totals for Reinert,Tilo									\$5
Schultz,David Robert									
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	\$469	100%	\$469
GF4177	An Ion-Neutral Collision Database for Astrophysics	Research	20	The University of Georgia	Federal	PI	\$571	100%	\$571
Totals for Schultz,David Robert									\$1,041
Shemmer,Ohad									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF2704	Weak Line Quasars at High Redshift: Extremely High Accretion Rate Sources	Research	20	National Aeronautics & Space Administration	Federal	PI	\$488	100%	\$488
		Totals for		Shemmer,Ohad					\$488
Shiner,David C									
GF1726	Convenient Visible and UV Laser Sources using Nonlinear Conversion	Research	20	National Science Foundation	Federal	PI	\$11,971	100%	\$11,971
GF1694	Precision Laser Studies of Basic Atoms and Nuclei	Research	20	National Science Foundation	Federal	PI	\$4,851	100%	\$4,851
		Totals for		Shiner,David C					\$16,822
		Totals for		Physics					\$41,135
<i>Political Science</i>									
Salehyan,Idean									
GF4006	Program on Climate Change, State Stability, and Political Risk in Africa	Research	20	University Texas at Austin	Federal	PI	\$52	100%	\$52
		Totals for		Salehyan,Idean					\$52
		Totals for		Political Science					\$52
<i>Psychology</i>									
Hook,Joshua Nord									
GP6393	Behavioral Measure of Humility in Couples	Research	20	Georgia State University	Private	PI	-\$5,646	100%	(\$5,646)
GP6444	Does Knowledge of Science and World Religions Lead to Representations of God as Transcendent?	Research	20	Arizona State University	Private	PI	\$1,844	100%	\$1,844
GP6499	Acts of God: The Effect of Natural Disasters on God Representations via Meaning Making	Research	20	Wheaton College	Private	PI	\$2,116	100%	\$2,116
		Totals for		Hook,Joshua Nord					(\$1,686)
Parsons,Thomas David									
GF4267	Advanced Automated Assessment of Cognitive Changes Associated with Brain Injury and Neurological Disease	Research	20	SoarTech	Federal	PI	\$4,910	100%	\$4,910
		Totals for		Parsons,Thomas David					\$4,910

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount	
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										
GF2630	Comparing Internet and In-person Brief Cognitive Behavioral Therapy of Insomnia	Research	20	U.S. Department of Defense	Federal	PI	\$9,415	100%	\$9,415	
GF4287	CAP-Treatment of Comorbid Sleep Disorders and PTSD	Research	20	University of Texas Health Science Center at San Antonio	Federal	PI	\$22,767	100%	\$22,767	
GF2651	Social Vigilance and Atherosclerotic Risk	Research	20	National Institutes of Health	Federal	PI	\$2,956	100%	\$2,956	
		Totals for	Taylor,Daniel							\$35,138
		Totals for	Psychology							\$40,332
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	\$9	100%	\$9	
		Totals for	Cready,Cynthia M							\$9
		Totals for	Sociology							\$9
Technical Communications										
Montler,Timothy Robert										
GF2653	Saanich Dictionary and Electronic Text Archive	Research	20	National Endowment for the Humanities	Federal	PI	\$800	100%	\$800	
		Totals for	Montler,Timothy Robert							\$800
		Totals for	Technical Communications							\$800
		Totals for	College of Arts & Sciences							\$434,723
College of Business										
Marketing and Logistics										
Bomba,Michael Stephen										

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<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	\$12,635	80%	\$10,108
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	\$5,410	100%	\$5,410
Totals for		Bomba,Michael Stephen							\$15,518
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	\$12,635	20%	\$2,527
Totals for		Pohlen,Terrance L							\$2,527
Totals for		Marketing and Logistics							\$18,045
Totals for		College of Business							\$18,045
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	\$420	100%	\$420
Totals for		Bower,Beverly							\$420
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	\$4,712	100%	\$4,712
Totals for		Bratton,Sue C							\$4,712
Totals for		Counseling & Higher Education							\$5,132
<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	\$3,745	100%	\$3,745
Totals for		Middlemiss,Wendy							\$3,745
Totals for		Educational Psychology							\$3,745
<i>Teacher Education & Administration</i>									
Boyd,Rossana R									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Boyd, R., Co-PI; Teacher Education & Administration; Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biology; Azad, R., Co-PI; Mathematics; D'Souza, N., Co-PI; Materials Science</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$7,104	10%	\$710
Totals for		Boyd,Rossana R							\$710
Totals for		Teacher Education & Administration							\$710
Totals for		College of Education							\$9,587

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	\$67	100%	\$67
<i>Bryce, R., Co-PI; Mikler, A., 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	\$19,259	15%	\$2,889
GF2702	Harmonizing Metadata Standards In Ecology	Research	20	USDA Forest Service	Federal	PI	\$1,889	100%	\$1,889
Totals for		Bryce,Renee Cathryn							\$4,845

Caragea,Cornelia Alexandra

Caragea, C., PI; Computer Science & Engineering; Caragea, C., PI; Library & Information Sciences

GF1700	TWC: Small: Collaborative: Towards Privacy Preserving Online Image Sharing	Research	20	National Science Foundation	Federal	PI	\$15,747	80%	\$12,598
<i>Caragea, C., PI; Tarau, P., Co-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	PI	\$4,143	56%	\$2,320
Totals for		Caragea,Cornelia Alexandra							\$14,918

Dantu,Ramanamurthy

GF1735	EAGER: Mobile Solutions for Multifold Increase of Survival Rates Through High Quality Chest Compressions	Research	20	National Science Foundation	Federal	PI	\$5,803	100%	\$5,803
<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	\$3,339	90%	\$3,005
Totals for		Dantu,Ramanamurthy							\$8,808

Fu,Song

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF4266	Anomaly Detection in DOE High Performance Computing Systems Logs Using Machine Learning	Research	20	Los Alamos National Laboratory	Federal	PI	\$3,911	100%	\$3,911
		Totals for		Fu,Song					\$3,911
Huang,Yan									
GF2665	Geotagging Social Media for Enhanced Location-Based Search	Research	20	National Geospatial-Intelligence Agency	Federal	PI	\$3,666	100%	\$3,666
		Totals for		Huang,Yan					\$3,666
Kavi,Krishna M									
GP6447	Membership Fees: IUCRC Net Centric Software and Systems	Research	20	Generic Pooled Sponsor	Private	PI	\$4,397	100%	\$4,397
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	20	National Science Foundation	Federal	PI	\$10,448	100%	\$10,448
GF1705	A Framework for Epidemic Contract Tracing Using Multi-Contextual Information	Research	20	National Science Foundation	Federal	PI	\$1,166	100%	\$1,166
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	\$690	100%	\$690
GF1720	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	20	National Science Foundation	Federal	PI	\$1,063	100%	\$1,063
		Totals for		Kavi,Krishna M					\$17,763
Mikler,Armin R									
<i>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	PI	\$19,259	50%	\$9,629
<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	-\$6,656	50%	(\$3,328)
		Totals for		Mikler,Armin R					\$6,301
Nielsen,Rodney D									
GF0612	Comprehension SEEDING: Comprehension Through Self-Explanation Enhanced Discussion and Inquiry Generation	Research	20	U.S. Department of Education	Federal	PI	\$2,808	100%	\$2,808

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF1629	SHW: Large: Collaborative Research: Companionbots For Proactive Therapeutic Dialog On Depression	Research	20	National Science Foundation	Federal	PI	\$9,674	100%	\$9,674
		Totals for	Nielsen,Rodney D						\$12,482
Tarau,Paul									
GF1689	SHF: Small: Application of Hereditarily Binary Numbers	Research	20	National Science Foundation	Federal	PI	\$1,884	100%	\$1,884
<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	\$4,143	30%	\$1,243
		Totals for	Tarau,Paul						\$3,127
		Totals for	Computer Science & Engineering						\$75,822
Electrical Engineering									
Acevedo,Miguel F									
<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	\$1,712	50%	\$856
GF4209	The Emergence of Coupled Natural and Human Landscapes in the Western Mediterranean	Research	20	Arizona State University	Federal	PI	\$628	100%	\$628
		Totals for	Acevedo,Miguel F						\$1,484
Fu,Shengli									
GP6380	Design and Development of Portable Computing System	Research	20	Myth Innovations	Private	PI	\$652	100%	\$652
<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	\$2,519	50%	\$1,259
<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	\$4,368	50%	\$2,184
		Totals for	Fu,Shengli						\$4,096
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	\$654	12.5%	\$82

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<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	\$506	25%	\$126
		Totals for	Lin,Yuankun						\$208
Mehta,Gayatri									
GF1653	SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures "REU-Supplement"	Research	20	National Science Foundation	Federal	PI	\$470	100%	\$470
GF1627	SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures	Research	20	National Science Foundation	Federal	PI	\$6,445	100%	\$6,445
		Totals for	Mehta,Gayatri						\$6,915
Wan,Yan									
GF2668	Run-Time Failure Detection and Control in Complex Information Systems	Research	20	National Institute of Standards and Technology	Federal	PI	\$1,020	100%	\$1,020
<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	\$4,368	50%	\$2,184
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	\$1,705	100%	\$1,705
<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	\$2,519	50%	\$1,259
		Totals for	Wan,Yan						\$6,168
Zhang,Hualiang									
GP6434	Metamaterials Inspired High Performance On-Chip Interconnects	Research	20	Semiconductor Research Corporation	Private	PI	-\$1,279	100%	(\$1,279)
<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	\$654	50%	\$327
		Totals for	Zhang,Hualiang						(\$953)
		Totals for	Electrical Engineering						\$17,919

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
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	\$1,673	34%	\$569
Totals for Huang,Zhenhua									\$569
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	\$1,673	33%	\$552
Totals for Kougianos,Elias									\$552
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	\$2,068	100%	\$2,068
Totals for Nasrazadani,Seifollah									\$2,068
Wang,Shuping									
<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	\$1,673	33%	\$552
Totals for Wang,Shuping									\$552
Yu,Cheng									
GF1702	REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Sheer Walls Using Corrugated Steel Sheet Sheathing	Research	20	National Science Foundation	Federal	PI	\$8,871	100%	\$8,871
GP6469	Experimental Study on System Reliability of Cold-Formed Steel Roof Trusses	Research	20	American Iron and Steel Institute	Private	PI	\$800	100%	\$800
GF1559	CAREER: Comprehensive Research on Cold-Formed Steel Sheathed Shear Walls: Special Detailing, Design, and Innovation	Research	20	National Science Foundation	Federal	PI	\$2,767	100%	\$2,767
GF1722	REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Sheer Walls Using Corrugated Steel Sheet Sheathing	Research	20	National Science Foundation	Federal	PI	\$585	100%	\$585

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
		Totals for		Yu,Cheng					\$13,023
Zhang,Haifeng									
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	\$6,695	100%	\$6,695
GF4265	Self-Powered Wireless Dual-Mode Langasite Sensor for Pressure / Temperature Monitoring of Nuclear Reactors	Research	20	Stony Brook University	Federal	PI	\$670	100%	\$670
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	\$1,840	100%	\$1,840
		Totals for		Zhang,Haifeng					\$9,205
		Totals for		Engineering Technology					\$25,969
Materials Science & Engineering									
Banerjee,Rajarshi									
GF4240	DARPA Open Manufacturing: tiFAB - Phase II	Research	20	The Boeing Company	Federal	PI	\$3,835	100%	\$3,835
GF4241	Titanium Surface Oxidation Characterization	Research	20	Lockheed Martin Corporation	Federal	PI	\$4,207	100%	\$4,207
GF1670	Non-Classical Precipitation Mechanisms in Titanium Alloys	Research	20	National Science Foundation	Federal	PI	\$3,530	100%	\$3,530
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
<i>Banerjee, R., PI; Needleman, A., Co-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	PI	-\$46,141	50%	(\$23,071)
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	\$3,295	100%	\$3,295
<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

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF4290	Integration of ICME with Legacy and Novel TMP Processing for Assured Properties in Large Titanium Structures (TMP 3a)	Research	20	American Lightweight Materials Manufacturing Innovation Institute (ALMMII)	Federal	PI	\$878	100%	\$878
	Totals for			Banerjee,Rajarshi					(\$2,902)
Brostow,Witold Konrad									
GP6441	Plan of Work for the Encore Wire Corp. (EWC)	Research	20	Encore Wire	Private	PI	\$14,138	100%	\$14,138
GP6384	Development of New External Wire Coating Materials	Research	20	Encore Wire	Private	PI	-\$2,796	100%	(\$2,796)
	Totals for			Brostow,Witold Konrad					\$11,342
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	\$1,415	80%	\$1,132
<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	\$219	80%	\$175
	Totals for			Choi,Wonbong					\$1,308
Collins,Peter Chancellor									
<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	\$5,991	30%	\$1,797
	Totals for			Collins,Peter Chancellor					\$1,797
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	\$1,316	20%	\$263
	Totals for			D'souza,Francis					\$263
D'Souza,Nandika Anne									
<i>D'Souza, N., PI; Materials Science & Engineering; D'Souza, N., PI; Mechanical & Energy Engineering; Golden, T., Co-PI; Chemistry</i>									
GP6278	Bioinspired Nanocomposite Coatings for Corrosion Protection	Research	20	Qatar University	Private	PI	-\$195	10%	(\$19)
<i>D'Souza, N., Co-PI; Materials Science & Engineering; Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biology; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education &</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$7,104	2%	\$142
<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	\$3,117	10%	\$312

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
		Totals for		D'Souza,Nandika Anne					\$434
Du,Jincheng									
GF1593	GOALI/Collaborative: Impact of Mixed Network Formers on the Research Structure and Properties of Oxide Glasses	20		National Science Foundation	Federal	PI	\$2,559	100%	\$2,559
<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	\$3,391	50%	\$1,695
<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	\$1,815	45%	\$817
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	\$5,564	100%	\$5,564
		Totals for		Du,Jincheng					\$10,635
Mishra,Rajiv Sharan									
<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	\$4,149	50%	\$2,075
<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	\$6,544	50%	\$3,272
GP6474	3-Inch Thick 7050-T7451 Friction Stir Weld Characterization	Research	20	GKN Aerospace North America, Inc.	Private	PI	\$1,104	100%	\$1,104
GF1605	NSF IUCRC: Friction Stir Processing	Research	20	National Science Foundation	Federal	PI	\$1,195	100%	\$1,195
<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	\$2,478	50%	\$1,239
GF2698	Development of Multi-Physics Based Hybrid Manufacturing for Unique Microstructures	Research	20	U.S. Army	Federal	PI	\$10,443	100%	\$10,443
GF2685	Fundamentals Of Functional Modifications to Structural Materials Using Friction Stir Processing	Research	20	Pacific Northwest National Laboratory	Federal	PI	-\$9,220	100%	(\$9,220)

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Mishra, R., PI; Du, J., Co-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	PI	\$1,815	10%	\$182
GF1715	Collaborative Research: Friction Stir Processing of Metal Matrix Nanocomposites Fabricated by Semi-solid Processing	Research	20	National Science Foundation	Federal	PI	\$1,124	100%	\$1,124
GP6448	Membership Fees - IUCRC Friction Stir Processing	Research	20	Generic Pooled Sponsor	Private	PI	\$13,651	100%	\$13,651
Totals for		Mishra,Rajiv Sharan							\$25,066
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	\$6,544	50%	\$3,272
<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	\$4,149	50%	\$2,075
Totals for		Mukherjee,Sundeep							\$5,347
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	-\$46,141	25%	(\$11,535)
Totals for		Needleman,Alan							(\$11,535)
Reidy III,Richard F									
GP7630	Supercritical Processing of Nucleating Agents	Research	20	BLH Ecology Concepts	Private	PI	\$2,007	100%	\$2,007
GF4207	Atomically Precise Fabrication of Qubit Devices	Research	20	Zyvex Labs, LLC	Federal	PI	\$16,003	100%	\$16,003
Totals for		Reidy III,Richard F							\$18,010
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	-\$46,141	12.5%	(\$5,768)
Totals for		Scharf,Thomas W							(\$5,768)
Shepherd,Nigel Dexter									
<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	\$3,391	50%	\$1,695

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
GP6449	Membership Fees: IUCRC Advanced Non-Ferrous Alloys	Research	20	Generic Pooled Sponsor	Private	PI	\$1,641	100%	\$1,641
		Totals for	Shepherd,Nigel Dexter						\$3,337
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									
<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	\$2,478	50%	\$1,239
		Totals for	Wang,Zhiqiang						\$1,239
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	\$867	80%	\$694
<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	\$1,815	36%	\$653
<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	\$5,281	80%	\$4,225
		Totals for	Xia,Zhenhai						\$5,572
Young,Marcus Lynn									
<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	\$5,991	70%	\$4,194
GP6483	Fundamental Studies On Precipitation And Transformation Temperatures In NiTiZr High Temperature Shape Memory Alloy	Research	20	Allegheny Technologies Inc.	Private	PI	\$2,626	100%	\$2,626
		Totals for	Young,Marcus Lynn						\$6,820
		Totals for	Materials Science & Engineering						\$72,603

Mechanical & Energy Engineering

Choi,Tae-Youl

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
<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	\$3,117	50%	\$1,559
Totals for Choi,Tae-Youl									\$1,559
Choi,Wonbong									
<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	\$1,415	20%	\$283
<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	\$219	20%	\$44
Totals for Choi,Wonbong									\$327
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	\$3,117	40%	\$1,247
<i>D'Souza, N., Co-PI; Mechanical & Energy Engineering; Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biology; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education</i>									
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	20	National Science Foundation	Federal	Co-PI	\$7,104	8%	\$568
<i>D'Souza, N., PI; Mechanical & Energy Engineering; D'Souza, N., PI; Materials Science & Engineering; Golden, T., Co-PI; Chemistry</i>									
GP6278	Bioinspired Nanocomposite Coatings for Corrosion Protection	Research	20	Qatar University	Private	PI	-\$195	40%	(\$78)
Totals for D'Souza,Nandika Anne									\$1,737
John,Kuruvilla									
<i>John, K., Co-PI; Mechanical & Energy Engineering; Oppong, J., PI; Briggie, A., Co-PI; Philosophy & Religion Studies; Wilson, A., OT; Chemistry</i>									
GF1675	Gaming Graduate Ethics Education in Science & Engineering	Research	20	National Science Foundation	Federal	Co-PI	\$3,288	10%	\$329
GP6403	North Texas Ozone Attainment Initiative Study	Research	20	Downwinders at Risk Educational Foundation (DAREF)	Private	PI	\$1,356	100%	\$1,356
GS6030	Corpus Christi Ozone Near Non-Attainment Area Air Quality Monitoring Activities (2014-2015)	Research	20	City of Corpus Christi	State	PI	\$14,955	100%	\$14,955
Totals for John,Kuruvilla									\$16,640
Tao,Yong Xin									
GF1667	RCN-SEES: Predictive Modeling Network for Sustainable Human-Building Ecosystems (SHBE)	Research	20	National Science Foundation	Federal	PI	\$5,233	100%	\$5,233

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount	
GF2691	Dynamic Behavior and Failure of Advanced High-Performance Structural Materials	Research	20	U.S. Army Corps of Engineers	Federal	PI	\$4,578	100%	\$4,578	
<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	\$2,027	50%	\$1,013	
Totals for		Tao,Yong Xin								\$10,825
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	\$2,027	50%	\$1,013	
Totals for		Yu,Xun								\$1,013
Totals for		Mechanical & Energy Engineering							\$32,101	
Totals for		College of Engineering							\$224,413	

College of Information

Learning Technologies

Christensen,Rhonda R

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	\$8,143	33%	\$2,687
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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	\$7,530	33%	\$2,485
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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	\$17,376	33%	\$5,734
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Totals for **Christensen,Rhonda R** **\$10,906**

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	\$7,530	33%	\$2,485
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Knezek, G., PI; Christensen, R., Co-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	PI	\$8,143	34%	\$2,769
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Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount
<i>Knezek, G., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learning Technologies</i>									
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	20	National Science Foundation	Federal	PI	\$17,376	34%	\$5,908
		Totals for	Knezek,Gerald						\$11,162
Tyler-Wood,Tandra L									
GF4226	Exploring STEM Learning Options: A Postdoctoral Fellowship Award	Research	20	Baton Rouge Area Foundation	Federal	PI	-\$21	100%	(\$21)
<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	\$17,376	33%	\$5,734
<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	\$8,143	33%	\$2,687
<i>Tyler-Wood, T., PI; Christensen, R., Co-PI; Knezek, G., 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	\$7,530	34%	\$2,560
		Totals for	Tyler-Wood,Tandra L						\$10,960
		Totals for	Learning Technologies						\$33,028
Library & Information Sciences									
Caragea,Cornelia Alexandra									
<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	\$4,143	14%	\$580
<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	\$15,747	20%	\$3,149
		Totals for	Caragea,Cornelia Alexandra						\$3,730
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	\$3,992	100%	\$3,992
		Totals for	Chen,Jiangping						\$3,992
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	\$575	60%	\$345
		Totals for	West,Ruth						\$345
		Totals for	Library & Information Sciences						\$8,066
Linguistics									
Chelliah,Shobhana L									
GF1613	Lamkang Lexical Database and Online Dictionary (LMK)	Research	20	National Science Foundation	Federal	PI	\$2,563	100%	\$2,563
		Totals for	Chelliah,Shobhana L						\$2,563
		Totals for	Linguistics						\$2,563
		Totals for	College of Information						\$43,658
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	\$0	100%	\$0
		Totals for	Squires,Susan Elaine						\$0
		Totals for	Anthropology						\$0
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	\$2,670	100%	\$2,670
		Totals for	Andrew,Simon						\$2,670
Arlikatti,Sudha									
GF1676	RAPID: Immediate Behavioral Response to Flash-Floods in Uttarakhand, North India	Research	20	National Science Foundation	Federal	PI	\$2,838	100%	\$2,838
		Totals for	Arlikatti,Sudha						\$2,838
Benavides,Abraham David									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/Co-	Expended This Period	Recognition %	Recognition Amount	
<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	\$1,240	50%	\$620	
Totals for		Benavides,Abraham David								\$620
Dash,Nicole										
<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	\$1,240	50%	\$620	
Totals for		McEntire,David A								\$620
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								\$8,960
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										
GP6495	Willingness-to-Pay and Real-Ear Verification	Research	20	Audioscan	Private	PI	\$296	100%	\$296	
GP6358	Dementia and Hearing Aids	Research	20	Unitron	Private	PI	\$5	100%	\$5	
Totals for		Amlani,Amy M								\$301

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
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	\$7	20%	\$1
Totals for Aoyama,Katsura									\$1
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	\$7	80%	\$6
Totals for Schafer,Erin Cheri									\$6
Totals for Speech & Hearing Sciences									\$308
Totals for College of Public Affairs & Community Service									\$9,992
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	\$575	40%	\$230
Totals for West,Ruth									\$230
Totals for CoVAD-Division Of Studio									\$230
Totals for College of Visual Arts And Design									\$230
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	\$1,712	50%	\$856
Totals for Carranza,Gabriel									\$856
Totals for UNT International-Comm Outreac									\$856
Totals for International Studies & Programs									\$856
Provost & VP Academic Affairs									
<i>Toulouse Graduate School</i>									
Oppong,Joseph R									

Project ID	Title	Category	Class	Sponsor	Funding Source	PI/ Co-	Expended This Period	Recognition %	Recognition Amount
GF1723	NSF Graduate Research Fellowship-Natalie Parde	Research	20	National Science Foundation	Federal	PI	\$2,833	100%	\$2,833
GF1633	Graduate Research Fellowship Award for Jessica Rimsza	Research	20	National Science Foundation	Federal	PI	\$2,833	100%	\$2,833
	Totals for	Oppong,Joseph R							\$5,667
	Totals for	Toulouse Graduate School							\$5,667
	Totals for	Provost & VP Academic Affairs							\$5,667
	Totals for	UNT							\$822,141
	Total for January FY2016:								\$822,141