

Annual Restricted Research Expenditures Report FY2011

Research Development and Services, University of North Texas

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RR Expenditures Total by College	Cumulative FY2010	Cumulative FY2011
College of Arts and Sciences	\$6,286,093	\$7,876,684
College of Business	\$5,000	\$29,362
College of Education	\$534,173	\$810,404
College of Engineering	\$4,492,111	\$3,721,060
College of Information	\$691,080	\$574,579
College of Music	\$1	\$0
College of Public Affairs and Community Service	\$290,815	\$433,407
College of Visual Arts and Design	\$3,000	\$0
School of Journalism	\$0	\$21,231
School of Merchandising and Hospitality Management	\$0	\$7,784
Other1	\$759,501	\$704,251
UNT Dallas Campus	\$0	\$15,017
UNT System	\$0	\$0
Dept IDs (Fund 34)	\$231,706	\$239,580
Grand Total:	\$13,293,480	\$14,433,360

RR Expenditures Total by Category	Cumulative FY2010	Cumulative FY2011
Research	\$13,293,480	\$14,433,360
Grand Total:	\$13,293,480	\$14,433,360

RR Expenditures Total by Source of Funding	Cumulative FY2010	Cumulative FY2011
Federal	\$11,187,907	\$11,153,378
Private	\$1,405,517	\$2,080,881
State	\$468,350	\$959,521
Other (Fund 34)	\$231,706	\$239,580
Grand Total:	\$13,293,480	\$14,433,360

Note: 1 "Other" colleges includes UNT Libraries, Honors College, Distributed Learning Support, Office of the Provost and Vice President of Academic Affairs, Vice President for Student Development, Vice President for Research and Economic Development, Enrollment Management and Equity and Diversity.

2 "Other" categories include Academic Support, Student Services, Institutional Support, Scholarships and Fellowships

Annual Restricted Research Expenditures, FY 2011

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount	
UNT Denton									
College of Arts & Sciences									
Biology									
Allen, Michael Shane									
<i>Allen, M., Co-PI; Hughes, L., PI; Dzialowski, E., Co-PI; Thompson, R., Co-PI; Chapman, K., Co-PI; Burlison, M., Co-PI; Biology</i>									
GP6150	Undergraduate Science Education 2010 - Core Proposal	R	Howard Hughes Medical Institute	Private	Co-PI	\$257,339	15%	\$38,601	
		Totals for	Allen, Michael Shane						\$38,601
Atkinson, Samuel F									
GP6147	AERF-Lake Gaston Aquatic Vegetation Survey	R	Aquatic Ecosystem Restoration Foundation	Private	PI	\$14,887	100%	\$14,887	
GF2631	Intergovernmental Personnel Act	R	U.S. Army Corps of Engineers	Federal	PI	\$74,569	100%	\$74,569	
GF2617	Intergovernmental Personnel Act Lynde Dodd	R	U.S. Army Corps of Engineers	Federal	PI	\$57,893	100%	\$57,893	
<i>Atkinson, S., PI; Biology; Oppong, J., Co-PI; Geography; Mikler, A., Co-PI; Computer Science & Engineering</i>									
GF0002	2010 Computational Epidemiology Equipment Earmark	R	U.S. Department of Health and Human Services	Federal	PI	\$250,444	33.4%	\$83,648	
GS5107	Lake Neff Aquatic Ecosystem Restoration - Camp Maxey, Texas	R	Texas Adjutant General's Department	State	PI	\$21,815	100%	\$21,815	
GP7615	Phase III and IV: Production of a Diverse Native Plant Community for the Wetlands on the City of Grand Prairie's Landfill, Grand Prairie, Texas	R	City of Grand Prairie	Private	PI	\$22,866	100%	\$22,866	
GF2616	Intergovernmental Personnel Act Dian Smith	R	U.S. Army Corps of Engineers	Federal	PI	\$63,932	100%	\$63,932	
<i>Atkinson, S., PI; Biology; Oppong, J., Co-PI; Geography; Mikler, A., Co-PI; Computer Science & Engineering</i>									
GF0001	Center for Computational Epidemiology	R	U.S. Department of Health and Human Services	Federal	PI	\$6,705	33.33%	\$2,235	
G74074	Analysis of Lamar Lake Restoration Strategies	R	Texas Adjutant General's Department	State	PI	\$384	100%	\$384	
		Totals for	Atkinson, Samuel F						\$342,229
Ayre, Brian G									

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GP6146	Virus-induced Flowering in Photoperiod-sensitive Cotton to Facilitate Introgression of Ancestral Traits into Modern Breeding Lines	R	Cotton Incorporated	Private	PI	\$12,418	100%	\$12,418
GF1576	RAHSS Supplement: Sucrose/H+ Symporters in Plants for Targeted Biomass Partitioning	R	National Science Foundation	Federal	PI	\$4,884	100%	\$4,884
GF1535	REU Supplement: Sucrose / H+ Symporters in Plants for Targeted Biomass Partitioning	R	National Science Foundation	Federal	PI	\$3,478	100%	\$3,478
<i>Ayre, B., Co-PI; Biology; D'Souza, N., PI; Materials Science & Engineering</i>								
GF1556	Collaborative Research: Characterization and Modeling of Natural Fiber Polymer Matrix Composites for Correlating Natural Fiber/Matrix Morphology	R	National Science Foundation	Federal	Co-PI	\$26,151	50%	\$13,076
GP6165	Improving the technique of "virus induced flowering" to facilitate introgression of ancestral traits into modern cotton cultivars	R	Cotton Incorporated	Private	PI	\$25,341	100%	\$25,341
GF1518	Sucrose/H+ Symporters in Plants for Targeted Biomass Partitioning	R	National Science Foundation	Federal	PI	\$84,200	100%	\$84,200
Totals for Ayre,Brian G								\$143,397
Burggren,Warren W								
GF1502	REU Supplement: Development of Cardiovascular Regulatory Mechanisms: Exploring the Early Embryonic Frontier II	R	National Science Foundation	Federal	PI	\$2,977	100%	\$2,977
GF1551	Developmental Co-dependence and Embryonic Programming of Cardiac and Renal Systems Function in Vertebrates - II	R	National Science Foundation	Federal	PI	\$64,980	100%	\$64,980
GF1517	Environmental Alterations of the Animal Development Plan: Testing the Heterokairy Hypothesis	R	National Science Foundation	Federal	PI	\$88,607	100%	\$88,607
G72397	REU Supplement: Development of Cardiovascular Regulatory Mechanisms: Exploring the Early Embryonic Frontier II	R	National Science Foundation	Federal	PI	\$4,593	100%	\$4,593
G72348	Development of Cardiovascular Regulatory Mechanisms: Exploring the Early Embryonic Frontier II	R	National Science Foundation	Federal	PI	\$89,690	100%	\$89,690
Totals for Burggren,Warren W								\$250,847

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
Burleson,Mark								
<i>Burleson, M., Co-PI; Hughes, L., PI; Allen, M., Co-PI; Dzialowski, E., Co-PI; Thompson, R., Co-PI; Chapman, K., Co-PI; Biology</i>								
GP6150	Undergraduate Science Education 2010 - Core Proposal	R	Howard Hughes Medical Institute	Private	Co-PI	\$257,339	15%	\$38,601
Totals for Burleson,Mark								\$38,601
Chapman,Kent D								
G70080	Modification of Oil Content in Cottonseeds	R	Delta and Pine Land Company	Private	PI	-\$78,135	100%	(\$78,135)
GP6127	Engineering Seed Value in Cotton (continuation of 08-395).	R	Cotton Incorporated	Private	PI	\$50,033	100%	\$50,033
GP6126	Genetic Engineering of Abiotic and Biotic Stress Tolerance in Cotton.	R	Cotton Incorporated	Private	PI	\$19,932	100%	\$19,932
GP6168	Genetic Engineering of Abiotic and Biotic Stress Tolerance in Cotton - Continuation of 05-666	R	Cotton Incorporated	Private	PI	\$22,094	100%	\$22,094
GP6169	Engineering Seed Value in Cotton - Continuation of 08-395 Genetic	R	Cotton Incorporated	Private	PI	\$40,174	100%	\$40,174
<i>Chapman, K., Co-PI; Hughes, L., PI; Allen, M., Co-PI; Dzialowski, E., Co-PI; Thompson, R., Co-PI; Burleson, M., Co-PI; Biology</i>								
GP6150	Undergraduate Science Education 2010 - Core Proposal	R	Howard Hughes Medical Institute	Private	Co-PI	\$257,339	10%	\$25,734
<i>Chapman, K., Co-PI; Venables, B., Co-PI; Biology; Wolverton, S., PI; Geography</i>								
G72375	Development and Application of Proteomics-based Research in Archeological Residue Analysis	R	National Science Foundation	Federal	Co-PI	\$2,984	33.33%	\$995
G72501	Amidase-mediated Modulation of N-Acylethanolamine (NAE) Signaling Pathway in Plants	R	U.S. Department of Energy	Federal	PI	\$239,469	100%	\$239,469
G71084	Production of High-Value Industrial Oils and Biofuels in Cotton	R	U.S. Department of Agriculture	Federal	PI	\$12,794	100%	\$12,794
GP6158	The Involvement of N-Acylethanolamines in Signal Transduction of Microbial Associated Molecular Pattern (MAMPs) Perception	R	US Israel Binational Agricultural Research and Development Fund	Private	PI	\$24,353	100%	\$24,353
<i>Chapman, K., PI; Thompson, R., Co-PI; Biology</i>								
GF2600	Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants	R	U.S. Department of Energy	Federal	PI	\$203,583	75%	\$152,687
Totals for Chapman,Kent D								\$510,131
Crossley II,Dane Alan								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GF1569	Maturation of Cardiovascular Physiology in Embryonic Reptiles	R	National Science Foundation	Federal	PI	\$53,566	100%	\$53,566
	Totals for		Crossley II,Dane Alan					\$53,566
Dickson,Kenneth L								
<i>Dickson, K., Co-PI; Steigman, K., PI; Biology</i>								
G72118	Wetland and Prairie Restoration	R	Denton County	Federal	Co-PI	\$33,878	50%	\$16,939
	Totals for		Dickson,Kenneth L					\$16,939
Dickstein,Rebecca								
GF1534	REU Supplement: Collaborative Research: Putative Nitrate Transporter Regulates Symbiotic Nodule Development	R	National Science Foundation	Federal	PI	\$423	100%	\$423
GF1516	Collaborative Research: Putative Nitrate Transporter Regulates Symbiotic Nodule Development	R	National Science Foundation	Federal	PI	\$96,990	100%	\$96,990
G73120	Plant Mechanisms Controlling Rhizobial Invasion During Symbiotic Nitrogen-fixing Nodule Development	R	National Science Foundation	Federal	PI	-\$3,074	100%	(\$3,074)
	Totals for		Dickstein,Rebecca					\$94,339
Dong,Qunfeng								
GF4034	Lung Microbiome and Pulmonary Inflammation/Immunity in HIV Infection	R	Indiana University School of Medicine	Federal	PI	-\$2,429	100%	(\$2,429)
GP6181	Bioinformatics Analysis of Ocular Microbiome Sequence Data	R	University of Miami - School of Medicine	Private	PI	\$11,461	60%	\$6,876
GF4067	Lung Microbiome and Pulmonary Inflammation/Immunity in HIV infection	R	Indiana University School of Medicine	Federal	PI	\$66,999	60%	\$40,200
GF4029	The urethral microbiome in adolescent males	R	Indiana University School of Medicine	Federal	PI	\$26,538	100%	\$26,538
GF4056	Investigation of Cloud Computing to Support Data-Parallel Health Research (Year 1)	R	Indiana University School of Medicine	Federal	PI	\$58,727	50%	\$29,364
GF4087	Collective Project: The urethral microbiome in adolescent males (year 2)	R	Indiana University School of Medicine	Federal	PI	\$72,874	60%	\$43,724

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
		Totals for	Dong,Qunfeng					\$144,273
Dzialowski,Edward Michael								
G70738	Maturation of the Calcium Dependent and Independent Contractile Pathways of the Ductus Arteriosus in Response to Hypoxia	R	American Heart Association	Private	PI	\$12,426	100%	\$12,426
<i>Dzialowski, E., Co-PI; Hughes, L., PI; Allen, M., Co-PI; Thompson, R., Co-PI; Chapman, K., Co-PI; Burlison, M., Co-PI; Biology</i>								
GP6150	Undergraduate Science Education 2010 - Core Proposal	R	Howard Hughes Medical Institute	Private	Co-PI	\$257,339	15%	\$38,601
		Totals for	Dzialowski,Edward Michael					\$51,027
Fuchs,Jannon Lou								
<i>Fuchs, J., PI; Schwark, H., Co-PI; Biology</i>								
G41803	Primary Cilia in the Birth, Function and Survival of Neurons	R	Texas Higher Education Coordinating Board	State	PI	\$45,595	50.00%	\$22,798
		Totals for	Fuchs,Jannon Lou					\$22,798
Gross,Guenter W								
GF4063	Neurophotonics Research Center	R	Southern Methodist University	Federal	PI	\$215,245	100%	\$215,245
G41804	Antibody-conjugated Carbon Nanotubes for Selective Photothermal Ablation of Human Tumors	R	Texas Higher Education Coordinating Board	State	PI	-\$7	100.00%	(\$7)
		Totals for	Gross,Guenter W					\$215,238
Hoeinghaus,David Joseph								
<i>Hoeinghaus, D., PI; La Point, T., Co-PI; Thompson, R., Co-PI; Biology; Acevedo, M., Co-PI; Electrical Engineering;</i>								
GF1561	WSC-Category 1: Integrated Biophysical-Social Research for Water and Ecosystem Sustainability in an Effluent-Driven Urbanizing Watershed	R	National Science Foundation	Federal	PI	\$89,421	40%	\$35,769
		Totals for	Hoeinghaus,David Joseph					\$35,769
Huggett,Duane B								
G70300	Bioconcentration and Early Life Stage Toxicity of Selected Pharmaceuticals in Fathead Minnows	R	Pfizer, Inc	Private	PI	-\$1,027	100%	(\$1,027)
GF4064	Mysid Shrimp Two Generation Validation Study	R	RTI Headquarters	Federal	PI	\$185,970	100%	\$185,970
GP6186	Alternative Fish Bioconcentration Methodologies	R	Cefic European Chemical Industry Council	Private	PI	\$20,119	50%	\$10,059

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GP6130	Alternative Methodology for Laboratory Fish Bioconcentration Testing.	R	ILSI Health and Environmental Sciences Institute	Private	PI	\$5,340	100%	\$5,340
		Totals for	Huggett,Duane B					\$200,342
Hughes, Lee E								
GF1528	Research Coordination Networks-Undergraduate Biology Education (RCN-UBE) Incubator: A Research Network on Assessing Technology in Undergraduate Biology Education	R	National Science Foundation	Federal	PI	\$1,186	100%	\$1,186
<i>Hughes, L., PI; Allen, M., Co-PI; Dzialowski, E., Co-PI; Thompson, R., Co-PI; Chapman, K., Co-PI; Burleson, M., Co-PI; Biology</i>								
GP6150	Undergraduate Science Education 2010 - Core Proposal	R	Howard Hughes Medical Institute	Private	PI	\$257,339	30%	\$77,202
		Totals for	Hughes, Lee E					\$78,388
Jagadeeswaran, Pudur								
GS5141	Prostate Cancer Model in Zebrafish	R	Cancer Prevention and Research Institute	State	PI	\$75,583	100%	\$75,583
G71002	Role of Young Thrombocytes and Their Microparticles	R	National Institutes of Health	Federal	PI	-\$5,943	100%	(\$5,943)
		Totals for	Jagadeeswaran, Pudur					\$69,640
Johnson, Jeff A.								
GP6132	Greater Sage-grouse Population Genetic Structure	R	Craighead Beringia South	Private	PI	\$7,943	100%	\$7,943
GF1530	Collaborative Research: Balancing Selection and Major Histocompatibility Complex Variation in an Endangered Bird	R	National Science Foundation	Federal	PI	\$38,735	100%	\$38,735
GF2610	Determining the Genetic Distinctiveness of the Critically Endangered Attwater's Prairie-Chicken (Tympanuchus Cupido Attwateri) Relative to other Tympanuchus Grouse	R	U.S. Fish and Wildlife Service	Federal	PI	\$17,116	100%	\$17,116
		Totals for	Johnson, Jeff A.					\$63,794
Kennedy, James H								
GP7600	Guidelines for the Surveillance of Mosquitoes and Arboviruses, including West Nile Virus, in the City of Denton	R	City of Denton	Private	PI	\$9,913	100%	\$9,913
GF4073	Exotic Snail Inventory and Macroinvertebrate Identification at Yellowstone	R	Montana State University	Federal	PI	\$17,828	100%	\$17,828

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GP6153	Preparation of Benthic Macroinvertebrates Collected During the 2008 Bioassessment on the Receiving waters of Dallas/Ft. Worth International Airport for Identification	R	DFW International Airport Board	Private	PI	\$11,311	100%	\$11,311
GP6125	Aquatic Insects Associated with the Restoration of Three Western United States Drainages: Cherry Creek, South Fork Flathead River, and Costilla Creek	R	Turner Endangered Species Fund	Private	PI	\$4,564	100%	\$4,564
<i>Kennedy, J., PI; Biology; Rozzi, R., Co-PI; Philosophy</i>								
GF1507	Integrating Ecological Sciences and Environmental Ethics for Biocultural Conservation in the Temperate Sub-Antarctic region of Southwestern South America	R	National Science Foundation	Federal	PI	\$41,327	50%	\$20,664
GF4058	The objective of this study is to evaluate the status of zebra mussel populations in Sister Grove Creek prior to and following zebra mussel eradication efforts by TPWD	R	Texas Parks & Wildlife	Federal	PI	\$2,836	100%	\$2,836
GS6015	Habitat Requirements for <i>Quadrula Aurea</i> (Golden Orb) in the Lower San Antonio and Guadalupe River Drainage	R	Texas Parks & Wildlife	State	PI	\$12,120	100%	\$12,120
GF4026	Aquatic Insects Associated with East Fork Specimen Creek Restoration Project	R	Montana State University	Federal	PI	\$1,589	100%	\$1,589
Totals for Kennedy,James H								\$80,825
La Point,Thomas W								
G70950	Native Aquatic Plant Establishment in Lake Cypress Springs	R	Franklin County Water District, Texas	Private	PI	\$528	100%	\$528
<i>La Point, T., Co-PI; Hoeinghaus, D., PI; Thompson, R., Co-PI; Biology; Acevedo, M., Co-PI; Electrical Engineering</i>								
GF1561	WSC-Category 1: Integrated Biophysical-Social Research for Water and Ecosystem Sustainability in an Effluent-Driven Urbanizing Watershed	R	National Science Foundation	Federal	Co-PI	\$89,421	20%	\$17,884
Totals for La Point,Thomas W								\$18,412
Mittler,Ron								
GF1579	Collaborative Research: Abiotic Stress Combination: Bridging the Gap Between Arabidopsis Stress Research & Agriculture	R	National Science Foundation	Federal	PI	\$5,807	100%	\$5,807
GF1570	NSF Grant IOS-1063287 - ROS as Mediators of Rapid Long-Distance Self-Propagating Signals	R	National Science Foundation	Federal	PI	\$20,203	100%	\$20,203

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GF1577	Dissecting the ROS Signaling Network of Cells	R	National Science Foundation	Federal	PI	\$22,500	100%	\$22,500
		Totals for	Mittler,Ron					\$48,510
Padilla,Pamela A								
G72398	CAREER: Use of C. Elegans to Identify Alleles and Genotypes that Modulate Severe Anoxia Survival	R	National Science Foundation	Federal	PI	\$104,942	100%	\$104,942
G71001	Genetics Cell Biology of Anoxa in C. elegans	R	National Institutes of Health	Federal	PI	\$7	100%	\$7
		Totals for	Padilla,Pamela A					\$104,949
Roberts,Aaron Patrick								
GF4091	Photoenhanced Toxicity of DWH Oil to fish and Zooplankton	R	Stratus Consulting	Federal	PI	\$38,466	50%	\$19,233
GF2601	Simple Mechanisms for Broadspectrum Color Control in Aquatic Organisms	R	Air Force Office of Scientific Research	Federal	PI	\$104,460	100%	\$104,460
GF4004	Influence of Water Quality on the Bioavailability and Food Chain Transport of Carbon Nanoparticles	R	Clemson University	Federal	PI	\$9,607	100%	\$9,607
		Totals for	Roberts,Aaron Patrick					\$133,300
Root,Douglas Donald								
GF1509	Gravitational Force Spectroscopy of Single Myosin Molecules	R	National Science Foundation	Federal	PI	\$58,656	100%	\$58,656
		Totals for	Root,Douglas Donald					\$58,656
Schwark,Harris D								
<i>Schwark, H., Co-PI; Fuchs, J., PI; Biology</i>								
G41803	Primary Cilia in the Birth, Function and Survival of Neurons	R	Texas Higher Education Coordinating Board	State	Co-PI	\$45,595	50.00%	\$22,798
		Totals for	Schwark,Harris D					\$22,798
Shah,Jyoti								
GF1533	REU Supplement: Role of the Arabidopsis Thaliana TPS11 Gene and Trehalose Metabolism in Defense Against Green Peach Aphid	R	National Science Foundation	Federal	PI	\$5,950	100%	\$5,950

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GF1540	REU Supplement: Collaborative Proposal: Metabolic Profiling of Oxidized Membrane Lipids and Their Functions in Plant Stress Response	R	National Science Foundation	Federal	PI	\$4,212	100%	\$4,212
G71097	Engineering Fusarium Head Blight Resistance and Plant Defense Signaling	R	U.S. Department of Agriculture	Federal	PI	\$19,900	100%	\$19,900
G72385	Role of Arabidopsis SFD1 in Systemic Acquired Resistance	R	National Science Foundation	Federal	PI	-\$1,577	100%	(\$1,577)
GF1515	Collaborative Research: Metabolomic Profiling and Functions of Oxidized Membrane Lipids in Plant Stress Responses	R	National Science Foundation	Federal	PI	\$98,788	100%	\$98,788
GF1508	Role of Arabidopsis Thaliana TPS11 Gene and Trehalose Metabolism in Defense Against Green Peach Aphid	R	National Science Foundation	Federal	PI	\$131,172	100%	\$131,172
GF1504	Supplemental REU: Role of Arabidopsis SFD1 in Systematic Acquired Resistance	R	National Science Foundation	Federal	PI	-\$890	100%	(\$890)
		Totals for	Shah,Jyoti					\$257,555
Shulaev,Vladimir								
GF1574	Collaborative Research: Stress Combination: A New Field in Molecular Stress Research	R	National Science Foundation	Federal	PI	\$16,020	100%	\$16,020
		Totals for	Shulaev,Vladimir					\$16,020
Steigman,Kenneth Lee								
G72212	Ecosystem Research at Lake Lewisville Environmental Learning Area	R	City of Lewisville	Federal	PI	\$70,754	100%	\$70,754
<i>Steigman, K., PI; Dickson, K., Co-PI; Biology</i>								
G72118	Wetland and Prairie Restoration	R	Denton County	Federal	PI	\$33,878	50%	\$16,939
G72126	Analysis of Elm Fork Discharge Channel Restoration Strategy	R	Denton County	Federal	PI	\$250	100%	\$250
		Totals for	Steigman,Kenneth Lee					\$87,943
Stevens,Kevin John								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GP7615	Phase III and IV: Production of a Diverse Native Plant Community for the Wetlands on the City of Grand Prairie's Landfill, Grand Prairie, Texas	R	City of Grand Prairie	Private	PI	\$3,859	100%	\$3,859
GP7614	Production of a diverse native plant community for the wetlands in the city of Grand Prairie's landfill, Grand Prairie, Texas - Phase II	R	City of Grand Prairie	Private	PI	\$22,477	100%	\$22,477
GP7612	Production of a Diverse Native Plant Community for the Wetlands on the City of Grand Prairies Landfill, Grand Prairie, TX	R	City of Grand Prairie	Private	PI	\$468	100%	\$468
Totals for			Stevens, Kevin John					\$26,804
Thompson, Ruthanne								
<i>Thompson, R., Co-PI; Biology; Hoeinghaus, D., PI; La Point, T., Co-PI; Acevedo, M., Co-PI; Electrical Engineering</i>								
GF1561	WSC-Category 1: Integrated Biophysical-Social Research for Water and Ecosystem Sustainability in an Effluent-Driven Urbanizing Watershed	R	National Science Foundation	Federal	Co-PI	\$89,421	20%	\$17,884
<i>Thompson, R., Co-PI; Biology; Varanasi, M., PI; Li, X., Co-PI; Fu, S., Co-PI; Namuduri, K., Co-PI; Electrical Engineering; Huang, Y., Co-PI; Computer Science & Engineering; Acevedo, M., Co-PI; Elect</i>								
GF1584	RET Site: Research Experiences for Teachers in Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$98,839	14%	\$13,837
<i>Thompson, R., Co-PI; Chapman, K., PI; Biology</i>								
GF2600	Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants	R	U.S. Department of Energy	Federal	Co-PI	\$203,583	25%	\$50,896
<i>Thompson, R., Co-PI; Hughes, L., PI; Allen, M., Co-PI; Dzialowski, E., Co-PI; Chapman, K., Co-PI; Burleson, M., Co-PI; Biology</i>								
GP6150	Undergraduate Science Education 2010 - Core Proposal	R	Howard Hughes Medical Institute	Private	Co-PI	\$257,339	15%	\$38,601
<i>Thompson, R., Co-PI; Biology; Huang, Y., PI; Computer Science & Engineering; Fu, S., Co-PI; Li, X., Co-PI; Acevedo, M., Co-PI; Electrical Engineering</i>								
G72387	CRI: IAD Infrastructure for Environmental Monitoring and Modeling Using Large-Scale Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$52,389	20%	\$10,478
Totals for			Thompson, Ruthanne					\$131,696
Venables, Barney J								
<i>Venables, B., Co-PI; Chapman, K., Co-PI; Biology; Wolverton, S., PI; Geography</i>								
G72375	Development and Application of Proteomics-based Research in Archeological Residue Analysis	R	National Science Foundation	Federal	Co-PI	\$2,984	33.33%	\$995
<i>Venables, B., Co-PI; Biology; Wolverton, S., PI; Ferring, C., Co-PI; Geography;</i>								
GF1582	Expanding Application of Proteomics-Based Research in Archaeological Residue Analysis	R	National Science Foundation	Federal	Co-PI	\$2,000	25%	\$500

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GP6193	Ann Miller Gonzales Research Grant to Promote Research, Conservation and Utilization of Native Plants and Habitats of Texas through Education, Outreach and Example	R	Native Plant Society of Texas	Private	PI	\$235	100%	\$235
		Totals for	Venables,Barney J					\$1,730
		Totals for	Biology					\$3,359,116

Chemistry

Bagus,Paul S

G72500	Reaction and Transport of Toxic Metals in Rock-forming Silicates at 25 Degrees Celsius	R	U.S. Department of Energy	Federal	PI	\$40,908	100%	\$40,908
<i>Bagus, P., Co-PI; Wilson, A., PI; Chemistry</i>								
GF4038	The Theoretical and Computational Analysis of Core-level Spectroscopies	R	Battelle Memorial Institute Pacific Northwest	Federal	Co-PI	\$3,556	50%	\$1,778
G72217	Characterization of Electrode Activity Through Photoelectron Spectroscopy: A Coordinated Synchrotron and Laboratory XPS Approach to Electrocatalysts	R	University of Illinois at Urbana-Champaign	Federal	PI	\$3,039	100%	\$3,039
		Totals for	Bagus,Paul S					\$45,725

Borden,Weston

Borden, W., PI; Cundari, T., Co-PI; Chemistry

G72158	Center for Enabling New Technologies through Catalysis	R	University of Washington	Federal	PI	\$11,346	50%	\$5,673
GF1523	Study of Theoretically Interesting Molecules and Reactions	R	National Science Foundation	Federal	PI	\$98,204	100%	\$98,204
		Totals for	Borden,Weston					\$103,877

Chyan,Oliver M R

G70245	Study of Bimetallic Corrosion at Dissimilar Metal Interfaces	R	Semiconductor Research Corporation	Private	PI	\$1,114	100%	\$1,114
<i>Chyan, O., Co-PI; Kelber, J., PI; Chemistry</i>								
GP6135	Establishment of a UNT-SRC Center for Electronic Materials Processing and Integration (CEMPI)	R	Semiconductor Research Corporation	Private	Co-PI	\$136,297	50%	\$68,149
GP6149	Interfacial Study of Cu Bimetallic Corrosion and Inhibition in Post-etching, Post-ashing, Post-CMP Cleaning Solution Environments	R	Advanced Technology Materials, Inc	Private	PI	\$20,315	100%	\$20,315
G70644	Interfacial Study of Metal Deposition on Metallic Oxide	R	Robert A. Welch Foundation	Private	PI	\$870	100%	\$870

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GP6189	Establishment of a UNT-SRC Center for Electronic Materials Processing and Integration (CEMPI)	R	Semiconductor Research Corporation	Private	PI	\$5,936	100%	\$5,936
G70727	Electrochemical Investigation of Cu Corrosion in Cu-CMP and Post-CMP Solution Environments	R	The State University of New York	Private	PI	\$596	100%	\$596
GA1001	Hybrid Nanocomposite High-k Dielectric Flexible Films for Semiconductor Applications	R	Texas Higher Education Coordinating Board	State	PI	\$39,626	100.00%	\$39,626
G70306	Developing a silicon-based sensor	R	Eastman Kodak Company	Private	PI	\$3,530	100%	\$3,530
		Totals for	Chyan, Oliver M R					\$140,136
Cooke, Stephen A								
G72389	CRIF: ID - Development of a Pulsed Nozzle, Fourier Transform Rotational Spectrometer Operable Below 1000 MHz for Chemistry Research	R	National Science Foundation	Federal	PI	\$65,773	100%	\$65,773
GF2620	Experimentally Characterizing the Electronic Structures of f-Electron Systems Using Advanced High Resolution Fourier Transform Microwave Spectroscopies	R	U.S. Department of Energy	Federal	PI	\$12,386	100%	\$12,386
		Totals for	Cooke, Stephen A					\$78,159
Cundari, Thomas Richard								
<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)	R	U.S. Department of Energy	Federal	Co-PI	\$151,458	50%	\$75,729
<i>Cundari, T., Co-PI; Omary, M., PI; Chemistry; Du, J., Co-PI; Materials Science & Engineering</i>								
GF1520	Metalloaromatic Multinuclear Complexes of Monovalent Coinage Metals: Novel Chemistry Driving Applications in Molecular Electronics	R	National Science Foundation	Federal	Co-PI	\$237,103	25%	\$59,276
<i>Cundari, T., PI; Chemistry; Du, J., Co-PI; Srivilliputhur, S., Co-PI; Materials Science & Engineering</i>								
GF4005	Center for Hydrocarbon Functionalization	R	University of Virginia	Federal	PI	\$107,875	34%	\$36,677
G73184	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	R	U.S. Department of Energy	Federal	PI	\$18,233	100%	\$18,233

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
G72365	Structure and Reactivity of Low Coordination Transition Metal Complexes	R	National Science Foundation	Federal	PI	\$16,433	100%	\$16,433
<i>Cundari, T., Co-PI; Omary, M., PI; Chemistry</i>								
G41800	Metal-organic Field-effect Transistors (MOFETs)	R	Texas Higher Education Coordinating Board	State	Co-PI	\$2,809	50.00%	\$1,405
<i>Cundari, T., Co-PI; Wilson, A., PI; Chemistry</i>								
G72360	REU Site: Opportunities in Chemistry at the University of North Texas	R	National Science Foundation	Federal	Co-PI	\$200	50%	\$100
<i>Cundari, T., Co-PI; Borden, W., PI; Chemistry</i>								
G72158	Center for Enabling New Technologies through Catalysis	R	University of Washington	Federal	Co-PI	\$12,619	50%	\$6,309
		Totals for	Cundari,Thomas Richard					\$214,162
Drummond,Michael L								
<i>Drummond, M., Co-PI; Cundari, T., Co-PI; Chemistry</i>								
G72158	Center for Enabling New Technologies through Catalysis	R	University of Washington	Federal	Co-PI	\$1,273	50%	\$636
		Totals for	Drummond,Michael L					\$636
Golden,Teresa D								
<i>Golden, T., Co-PI; Omary, M., Co-PI; Richmond, M., PI; Petros, R., Co-PI; Youngblood, W., Co-PI; Chemistry</i>								
GF1512	Upgrading the NMR Facilities with Enabled Cyberinfrastructure	R	National Science Foundation	Federal	Co-PI	\$183,894	20%	\$36,779
		Totals for	Golden,Teresa D					\$36,779
Kelber,Jeffry A								
G70767	Fundamental Studies of Plasma Etching, Cleaning and Treatment of Ultra Low-k Material Surfaces	R	Semiconductor Research Corporation	Private	PI	\$1,831	100%	\$1,831
GP6185	Novel GeH4 Surface Chemistries for Tungsten Nucleation Layer Applications	R	Novellus Systems Inc.	Private	PI	\$14,222	100%	\$14,222
GF2606	Doped Boron Carbide Polymers: Fundamental Studies of a Novel Class of Materials for Enhanced Radiation Detection	R	Defense Threat Reduction Agency	Federal	PI	\$81,245	100%	\$81,245
GP6135	Establishment of a UNT-SRC Center for Electronic Materials Processing and Integration (CEMPI)	R	Semiconductor Research Corporation	Private	PI	\$491,067	100%	\$422,919
GP6170	Graphene Heterostructures for Logic and Interconnects; CVD Growth and Interface Chemistry	R	Semiconductor Research Corporation	Private	PI	\$14,748	100%	\$14,748

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
G70400	Substrate-mediated Self-assembly of Graphene Monolayers: A Tool-kit for Graphene/Complementary Metal Oxide Semiconductor (CMOS) Integration	R	Semiconductor Research Corporation	Private	PI	\$28,937	100%	\$28,937
GP6175	Kelber's continued research: Novellus Systems Inc.	R	Novellus Systems Inc.	Private	PI	\$2,500	100%	\$2,500
G70235	Tailoring NiSi Chemistry WNx ALD: Oxidation, Precleaning and Precursor Interactions	R	Semiconductor Research Corporation	Private	PI	\$0	100%	\$0
Totals for Kelber,Jeffry A								\$566,401
Marshall,Paul								
GP6188	Power generation from renewable energy	R	Technical University of Denmark	Private	PI	\$28,262	100%	\$28,262
G70743	Gas-phase Reactions Controlled by Long Range Forces	R	Robert A. Welch Foundation	Private	PI	\$67,357	100%	\$67,357
G72402	The Effects of Sulfur on Fuel Nitrogen Conversion in Combustion	R	National Science Foundation	Federal	PI	\$37,044	100%	\$37,044
Totals for Marshall,Paul								\$132,663
Omary,Mohammad A								
<i>Omary, M., PI; Cundari, T., Co-PI; Chemistry</i>								
G41800	Metal-organic Field-effect Transistors (MOFETs)	R	Texas Higher Education Coordinating Board	State	PI	\$2,809	50.00%	\$1,405
<i>Omary, M., Co-PI; Richmond, M., PI; Golden, T., Co-PI; Petros, R., Co-PI; Youngblood, W., Co-PI; Chemistry</i>								
GF1512	Upgrading the NMR Facilities with Enabled Cyberinfrastructure	R	National Science Foundation	Federal	Co-PI	\$183,894	20%	\$36,779
<i>Omary, M., PI; Cundari, T., Co-PI; Chemistry; Du, J., Co-PI; Materials Science & Engineering</i>								
GF1520	Metalloaromatic Multinuclear Complexes of Monovalent Coinage Metals: Novel Chemistry Driving Applications in Molecular Electronics	R	National Science Foundation	Federal	PI	\$237,103	50%	\$118,552
<i>Omary, M., PI; Chemistry; Shepherd, N., Co-PI; Materials Science & Engineering</i>								
G72744	Multi-faceted Scientific Strategies Toward Better Solid-state Lighting of Phosphorescent OLEDs	R	U.S. Department of Energy	Federal	PI	\$10,689	100%	\$10,689
<i>Omary, M., Co-PI; Chemistry; Prasad, V., PI; VP Research & Economic Development; Banerjee, R., Co-PI; Scharf, T., Co-PI; Materials Science & Engineering</i>								
GF1563	ARI-R2: Modernization of Multi-Scale Characterization, Analysis, and Synthesis Facility for Materials and Devices: Remote Access, Visualization, and Public Engagement	R	National Science Foundation	Federal	Co-PI	\$10,243	10%	\$1,024

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
G70550	Photophysics and Photochemistry of Coordination Compound	R	Robert A. Welch Foundation	Private	PI	\$44,451	100%	\$44,451
	Totals for		Omary,Mohammad A					\$212,899
Petros,Robby Allen								
<i>Petros, R., Co-PI; Wilson, A., PI; Chemistry</i>								
GF1552	REU Site: Opportunities in Chemistry	R	National Science Foundation	Federal	Co-PI	\$40,729	50%	\$20,365
<i>Petros, R., Co-PI; Omary, M., Co-PI; Richmond, M., PI; Golden, T., Co-PI; Youngblood, W., Co-PI; Chemistry</i>								
GF1512	Upgrading the NMR Facilities with Enabled Cyberinfrastructure	R	National Science Foundation	Federal	Co-PI	\$183,894	20%	\$36,779
	Totals for		Petros,Robby Allen					\$57,144
Richmond,Michael George								
G70571	Synthesis and Reactivity Studies of Polynuclear Cluster	R	Robert A. Welch Foundation	Private	PI	\$62,401	100%	\$62,401
<i>Richmond, M., PI; Omary, M., Co-PI; Golden, T., Co-PI; Petros, R., Co-PI; Youngblood, W., Co-PI; Chemistry</i>								
GF1512	Upgrading the NMR Facilities with Enabled Cyberinfrastructure	R	National Science Foundation	Federal	PI	\$183,894	20%	\$36,779
	Totals for		Richmond,Michael George					\$99,179
Verbeck IV,Guido Fridolin								
G72755	Development of Novel Preparative Mass Spectrometry Instrumentation for the Advancement of New Materials and Nanofabrication	R	Air Force Office of Scientific Research	Federal	PI	\$12,785	100%	\$12,785
GF2642	Extraction of Chemical Residue with Fingerprint Transfer and Lifts	R	U.S. Department of Defense	Federal	PI	\$4,858	100%	\$4,858
G70710	Development of a Deployable Miniature Mass Spectrometer and Peripheral Technology	R	SPACEHAB, Inc.	Private	PI	\$78,483	100%	\$78,483
	Totals for		Verbeck IV,Guido Fridolin					\$96,125
Wilson,Angela Kay								
<i>Wilson, A., PI; Bagus, P., Co-PI; Chemistry</i>								
GF4038	The Theoretical and Computational Analysis of Core-level Spectroscopies	R	Battelle Memorial Institute Pacific Northwest	Federal	PI	\$3,556	50%	\$1,778
<i>Wilson, A., PI; Cundari, T., Co-PI; Chemistry</i>								
G72360	REU Site: Opportunities in Chemistry at the University of North Texas	R	National Science Foundation	Federal	PI	\$200	50%	\$100
<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	R	Air Force Research Laboratory	Federal	Co-PI	\$1,283,569	12.5%	\$160,446

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
G72372	Accurate Energetics Across the Periodic Table	R	National Science Foundation	Federal	PI	\$105,469	100%	\$105,469
<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)	R	U.S. Department of Energy	Federal	PI	\$151,458	50%	\$75,729
<i>Wilson, A., PI; Petros, R., Co-PI; Chemistry</i>								
GF1552	REU Site: Opportunities in Chemistry	R	National Science Foundation	Federal	PI	\$40,729	50%	\$20,365
Totals for		Wilson,Angela Kay						\$363,886
Xia,Zhenhai								
GF4094	The Mechanistic Study on N-doped Carbon Nanomaterials as Highly Efficient Cathode for Fuel Cells	R	Case Western Reserve University	Federal	PI	\$21,957	20%	\$4,391
Totals for		Xia,Zhenhai						\$4,391
Youngblood,William Justin								
<i>Youngblood, W., Co-PI; Omary, M., Co-PI; Richmond, M., PI; Golden, T., Co-PI; Petros, R., Co-PI; Chemistry</i>								
GF1512	Upgrading the NMR Facilities with Enabled Cyberinfrastructure	R	National Science Foundation	Federal	Co-PI	\$183,894	20%	\$36,779
Totals for		Youngblood,William Justin						\$36,779
Totals for		Chemistry						\$2,188,943
Communication Studies								
Wang,Zuoming								
<i>Wang, Z., Co-PI; Communication Studies; Dantu, R., PI; Computer Science & Engineering</i>								
GF1546	Collaborative Research: CRI: IAD: A Testbed for Research and Development of Next Generation 9-1-1 Services (Supplement)	R	National Science Foundation	Federal	Co-PI	\$4,763	80%	\$3,811
<i>Wang, Z., Co-PI; Communication Studies; Dantu, R., PI; Computer Science & Engineering</i>								
GF1548	MRI: Development of a Flexible Instrument and Tools for Experimental Research in Next Generation 9-1-1 Services (Supplement)	R	National Science Foundation	Federal	Co-PI	\$8,151	80%	\$6,521
Totals for		Wang,Zuoming						\$10,332
Wittenberg-Lyles,Elaine M								
GF4069	The ACTIVE Intervention to Improve Hospice Caregiver Pain Management	R	University of Missouri-Columbia	Federal	PI	\$16,638	100%	\$16,638
Totals for		Wittenberg-Lyles,Elaine M						\$16,638
Totals for		Communication Studies						\$26,970
Economics								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
Clower,Terry Lee								
<i>Clower, T., PI; Economics; Swartz, S., Co-PI; Marketing</i>								
GF4082	Economic and fiscal impacts of general aviation airports in Texas	R	Texas Department of Transportation	Federal	PI	\$127,463	95%	\$121,090
Totals for		Clower,Terry Lee						\$121,090
Totals for		Economics						\$121,090
Foreign Languages & Literatures								
Koop,Marie Christine								
GP6162	Research Seminar on Quebec Society and Culture	R	Canadian Embassy	Private	PI	\$8,000	100%	\$8,000
Totals for		Koop,Marie Christine						\$8,000
Totals for		Foreign Languages & Literatures						\$8,000
Geography								
Ferring,C R								
GF1542	Archaeological Investigations at Dmanisi, Republic of Georgia	R	National Science Foundation	Federal	PI	\$18,997	100%	\$18,997
<i>Ferring, C., Co-PI; Wolverton, S., PI; Geography; Venables, B., Co-PI; Biology;</i>								
GF1582	Expanding Application of Proteomics-Based Research in Archaeological Residue Analysis	R	National Science Foundation	Federal	Co-PI	\$2,000	25%	\$500
Totals for		Ferring,C R						\$19,497
Lyons,Donald I								
<i>Lyons, D., Co-PI; Rice, M., PI; Tierney, S., Co-PI; Geography</i>								
GP6177	Firm-Level Change and Sectoral Development: A Comparative Analysis of Four Key Industries in the Canadian Economy	R	Canadian Embassy	Private	Co-PI	\$4,279	30%	\$1,284
Totals for		Lyons,Donald I						\$1,284
Oppong,Joseph R								
GF1522	Climatic Extremes, Mining, and Mycobacterium Ulcerans: A Coupled Systems Perspective	R	National Science Foundation	Federal	PI	\$17,915	100%	\$17,915
GF1532	Enhancing Access to the Geosciences for Latino/a English Language Learners in North Texas (EAGLE-NT)	R	National Science Foundation	Federal	PI	\$13,525	100%	\$13,525
<i>Oppong, J., Co-PI; Geography; Atkinson, S., PI; Biology; Mikler, A., Co-PI; Computer Science & Engineering</i>								
GF0001	Center for Computational Epidemiology	R	U.S. Department of Health and Human Services	Federal	Co-PI	\$6,705	33.33%	\$2,235

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount	
<i>Oppong, J., Co-PI; Geography; Atkinson, S., PI; Biology; Mikler, A., Co-PI; Computer Science & Engineering</i>									
GF0002	2010 Computational Epidemiology Equipment Earmark	R	U.S. Department of Health and Human Services	Federal	Co-PI	\$250,444	33.3%	\$83,398	
Totals for		Oppong,Joseph R							\$117,073
Rice,Murray D									
<i>Rice, M., PI; Lyons, D., Co-PI; Tierney, S., Co-PI; Geography</i>									
GP6177	Firm-Level Change and Sectoral Development: A Comparative Analysis of Four Key Industries in the Canadian Economy	R	Canadian Embassy	Private	PI	\$4,279	40%	\$1,712	
Totals for		Rice,Murray D							\$1,712
Tierney,Sean									
<i>Tierney, S., Co-PI; Rice, M., PI; Lyons, D., Co-PI; Geography</i>									
GP6177	Firm-Level Change and Sectoral Development: A Comparative Analysis of Four Key Industries in the Canadian Economy	R	Canadian Embassy	Private	Co-PI	\$4,279	30%	\$1,284	
Totals for		Tierney,Sean							\$1,284
Tiwari,Chetan									
<i>Tiwari, C., Co-PI; Geography; Ruggiere, P., PI; Survey Research Center</i>									
GS5142	Radioactive Waste Assessment - Health Surveillance Research Study	R	Texas Commission on Environmental Quality	State	Co-PI	\$152,982	2.3%	\$3,519	
<i>Tiwari, C., Co-PI; Geography; Mikler, A., PI; Computer Science & Engineering</i>									
GF2622	A Computational Framework for Assessing the Feasibility of Bio-Emergency Response Plans	R	National Institutes of Health	Federal	Co-PI	\$99,969	50%	\$49,985	
Totals for		Tiwari,Chetan							\$53,503
Williams,Harry F L									
G72431	SGER: Stratigraphy, Sedimentology, Microfossil Content and Preservation of Hurricane Ike Storm Surge Deposits in Southeast Texas and Southwest Louisiana	R	National Science Foundation	Federal	PI	-\$302	100%	(\$302)	
G72388	Long-term Record of Hurricane Landfalls in Southwest Louisiana: A New Approach to Paleotempestology	R	National Science Foundation	Federal	PI	\$21,056	100%	\$21,056	
Totals for		Williams,Harry F L							\$20,754
Wolverton,Steven John									
<i>Wolverton, S., Co-PI; Geography; Kennedy, J., PI; La Point, T., Co-PI; Institute of Applied Sciences</i>									
GS5114	Lower Sabine River Mussel and Benthic Macroinvertebrate Ecology	R	Sabine River Authority	State	Co-PI	\$43,938	50%	\$21,969	
<i>Wolverton, S., PI; Ferring, C., Co-PI; Geography; Venables, B., Co-PI; Biology</i>									
GF1582	Expanding Application of Proteomics-Based Research in Archaeological Residue Analysis	R	National Science Foundation	Federal	PI	\$2,000	50%	\$1,000	

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Wolverton, S., PI; Geography; Chapman, K., Co-PI; Venables, B., Co-PI; Biology</i>								
G72375	Development and Application of Proteomics-based Research in Archeological Residue Analysis	R	National Science Foundation	Federal	PI	\$2,984	33.34%	\$995
Totals for		Wolverton,Steven John						\$23,964
Totals for		Geography						\$239,071
History								
Torget,Andrew Jonathan								
<i>Torget, A., PI; History; Mihalcea, R., Co-PI; Computer Science & Engineering</i>								
GF2628	Mapping Historical Texts: Combining Text-mining and Geovisualization to Unlock the Research Potential of Historical Newspapers	R	National Endowment for the Humanities	Federal	PI	\$31,195	50%	\$15,597
Totals for		Torget,Andrew Jonathan						\$15,597
Turner,Elizabeth Hayes								
GP6166	Juneteenth: The Evolution of an Emancipation Celebration	R	Southern Methodist University SW Studies	Private	PI	\$29,248	100%	\$29,248
Totals for		Turner,Elizabeth Hayes						\$29,248
Totals for		History						\$44,845
Institute of Applied Sciences								
Atkinson,Samuel F								
G70933	Aquatic Macrophyte Restoration Project, Lake Austin and Town Lake, Texas	R	City of Austin	Private	PI	\$16,704	100%	\$16,704
Totals for		Atkinson,Samuel F						\$16,704
Huggett,Duane B								
GP6122	Alternative Methodology for Standard Laboratory Fish Bioconcentration Tests	R	Cefic	Private	PI	\$12,128	100%	\$12,128
GP6186	Alternative Fish Bioconcentration Methodologies	R	Cefic European Chemical Industry Council	Private	PI	\$20,119	50%	\$10,059
Totals for		Huggett,Duane B						\$22,187
Kennedy,James H								
<i>Kennedy, J., PI; La Point, T., Co-PI; Institute of Applied Sciences; Wolverton, S., Co-PI; Geography</i>								
GS5114	Lower Sabine River Mussel and Benthic Macroinvertebrate Ecology	R	Sabine River Authority	State	PI	\$43,938	50%	\$21,969
Totals for		Kennedy,James H						\$21,969
Roberts,Aaron Patrick								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GF4091	Photoenhanced Toxicity of DWH Oil to fish and Zooplankton	R	Stratus Consulting	Federal	PI	\$38,466	50%	\$19,233
	Totals for		Roberts,Aaron Patrick					\$19,233
	Totals for		Institute of Applied Sciences					\$80,093

Linguistics & Technical Communications

Chelliah,Shobhana L

GF1550	REU Supplement: Searchable Archive of Annotated Lamkang Texts	R	National Science Foundation	Federal	PI	\$2,107	100%	\$2,107
G72368	Analysis of Searchable Archive of Annotated Lamkang Texts	R	National Science Foundation	Federal	PI	-\$351	100%	(\$351)
	Totals for		Chelliah,Shobhana L					\$1,756

Montler,Timothy Robert

G72749	Klallam Dictionary and Electronic Text Archive	R	National Endowment for the Humanities	Federal	PI	\$14,702	100%	\$14,702
	Totals for		Montler,Timothy Robert					\$14,702

Munshi,Sadaf

GF1541	Archive of Annotated Burushaski Texts	R	National Science Foundation	Federal	PI	\$40,043	100%	\$40,043
	Totals for		Munshi,Sadaf					\$40,043
	Totals for		Linguistics & Technical Communications					\$56,501

Mathematics

Gao,Su

GF1506	Invariant Descriptive Set Theory and Its Applications	R	National Science Foundation	Federal	PI	\$35,325	100%	\$35,325
GP6205	Lie Algebra Cohomology and Invariant Differential Operators	R	Simons Foundation	Private	PI	\$899	100%	\$899
	<i>Gao, S., PI; Jackson, S., Co-PI; Urbanski, M., Co-PI; Mauldin, R., Co-PI; Mathematics</i>							
GF1543	Research Training Group in Logic and Dynamics	R	National Science Foundation	Federal	PI	\$78,039	25%	\$19,510
GF1566	REU Supplement: Invariant Descriptive Set Theory and Its Applications	R	National Science Foundation	Federal	PI	\$3,147	100%	\$3,147
	Totals for		Gao,Su					\$58,880

Jackson,Stephen Craig

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Jackson, S., Co-PI; Gao, S., PI; Urbanski, M., Co-PI; Mauldin, R., Co-PI; Mathematics</i>								
GF1543	Research Training Group in Logic and Dynamics	R	National Science Foundation	Federal	Co-PI	\$78,039	25%	\$19,510
		Totals for	Jackson,Stephen Craig					\$19,510
Kung,Joseph P								
GF2634	Critical Problems and Characteristic Polynomials of Matroids	R	National Security Agency	Federal	PI	\$18,722	100%	\$18,722
		Totals for	Kung,Joseph P					\$18,722
Mauldin,Richard D								
<i>Mauldin, R., Co-PI; Gao, S., PI; Jackson, S., Co-PI; Urbanski, M., Co-PI; Mathematics</i>								
GF1543	Research Training Group in Logic and Dynamics	R	National Science Foundation	Federal	Co-PI	\$78,039	25%	\$19,510
G70106	Beal Conjecture Research Assistantship	R	D. Andrew Beal	Private	PI	\$2,679	100%	\$2,679
G72364	FRG: Collaborative Research: Algorithmic Randomness	R	National Science Foundation	Federal	PI	\$4,073	100%	\$4,073
<i>Urbanski, M., PI; Mauldin, R., Co-PI; Mathematics</i>								
G72380	Measures, Dimensions and Dynamics	R	National Science Foundation	Federal	Co-PI	\$452	50%	\$226
<i>Mauldin, R., PI; Urbanski, M., Co-PI; Mathematics</i>								
G72379	Measures, Dimensions and Dynamics	R	National Science Foundation	Federal	PI	\$15,035	50%	\$7,518
		Totals for	Mauldin,Richard D					\$34,005
Monticino,Michael George								
G70786	Freshwater Aquarium Hobbyists and Invasive Species in the Houston-Galveston Region	R	Houston Advanced Research Center	Private	PI	-\$2,223	100%	(\$2,223)
		Totals for	Monticino,Michael George					(\$2,223)
Richter,Olav K								
GP6192	Jacobi Forms and Applications	R	Simons Foundation	Private	PI	\$985	100%	\$985
		Totals for	Richter,Olav K					\$985
Shepler,Anne V								
G72367	Collaborative Research: Cohomology, Deformations, and Invariants	R	National Science Foundation	Federal	PI	\$34,426	100%	\$34,426
G41801	Graded Hecke Algebras and Deformations	R	Texas Higher Education Coordinating Board	State	PI	\$5,921	100.00%	\$5,921

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
		Totals for	Shepler,Anne V					\$40,348
Song,Kai-Sheng								
GF2637	Deviance Periodogram for Generalized Linear-Nonlinear Models	R	National Security Agency	Federal	PI	\$17,499	100%	\$17,499
		Totals for	Song,Kai-Sheng					\$17,499
Urbanski,Mariusz								
GF1536	Thermodynamic Formalism, Dynamics and Dimensions	R	National Science Foundation	Federal	PI	\$53,490	100%	\$53,490
<i>Urbanski, M., Co-PI; Gao, S., PI; Jackson, S., Co-PI; Mauldin, R., Co-PI; Mathematics</i>								
GF1543	Research Training Group in Logic and Dynamics	R	National Science Foundation	Federal	Co-PI	\$78,039	25%	\$19,510
<i>Urbanski, M., Co-PI; Mauldin, R., PI; Mathematics</i>								
G72379	Measures, Dimensions and Dynamics	R	National Science Foundation	Federal	Co-PI	\$15,035	50%	\$7,518
<i>Mauldin, R., Co-PI; Urbanski, M., PI; Mathematics</i>								
G72380	Measures, Dimensions and Dynamics	R	National Science Foundation	Federal	PI	\$452	50%	\$226
		Totals for	Urbanski,Mariusz					\$80,743
		Totals for	Mathematics					\$268,468
Philosophy								
Frodeman,Robert Lee								
G72759	New Directions: Science, Humanities, Policy	R	National Aeronautics & Space Administration	Federal	PI	\$14,892	100%	\$14,892
<i>Frodeman, R., PI; Holbrook, J., Co-PI; Philosophy; Moen, W., Co-PI; Library & Information Sciences</i>								
G72414	SciSIP (MOD): A Comparative Assessment of Models for Integrating Societal Impact Concerns into the Peer Review of Grant Proposals	R	National Science Foundation	Federal	PI	\$96,365	34%	\$32,764
		Totals for	Frodeman,Robert Lee					\$47,656
Holbrook,James Britt								
<i>Holbrook, J., Co-PI; Frodeman, R., PI; Philosophy; Moen, W., Co-PI; Library & Information Sciences</i>								
G72414	SciSIP (MOD): A Comparative Assessment of Models for Integrating Societal Impact Concerns into the Peer Review of Grant Proposals	R	National Science Foundation	Federal	Co-PI	\$96,365	33%	\$31,800
		Totals for	Holbrook,James Britt					\$31,800
Rozzi,Ricardo								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Rozzi, R., Co-PI; Philosophy; Kennedy, J., PI; Biology;</i>								
GF1507	Integrating Ecological Sciences and Environmental Ethics for Biocultural Conservation in the Temperate Sub-Antarctic region of Southwestern South America	R	National Science Foundation	Federal	Co-PI	\$41,327	50%	\$20,664
		Totals for	Rozzi,Ricardo					\$20,664
		Totals for	Philosophy					\$100,120
Physics								
Grigolini,Paolo								
GF2632	Decision Making, A Psychophysics Application of Network Science	R	Army Research Office	Federal	PI	\$15,502	100%	\$15,502
G70525	Spectroscopy of Single Molecules and Single Quantum Dots	R	Robert A. Welch Foundation	Private	PI	\$66,982	100%	\$66,982
G72756	Network Theory of Human Decision Making: The Center for Nonlinear Science (CNS) Contribution	R	Army Research Office	Federal	PI	\$68,011	100%	\$68,011
		Totals for	Grigolini,Paolo					\$150,495
Hu,Zhibing								
G72401	Monodisperse, Thermoresponsive Microgels Based on Poly(ethylene Glycol) Derivative Polymers	R	National Science Foundation	Federal	PI	\$12,617	100%	\$12,617
		Totals for	Hu,Zhibing					\$12,617
Krokhin,Arkadii								
G72742	Effective Medium Theory for Periodic Composites	R	U.S. Department of Energy	Federal	PI	\$104,431	100%	\$104,431
		Totals for	Krokhin,Arkadii					\$104,431
Lin,Yuankun								
GF1571	NIRT:3D Hierarchical Nanomanufacturing for Active Photonics-on-Chip	R	National Science Foundation	Federal	PI	\$69,976	75%	\$52,482
GF4098	Science and Engineering of Polymeric and Nanoparticle-based Materials for Electronic and Structural Applications	R	University of Texas Pan American	Federal	PI	\$12,075	75%	\$9,056
GF1572	Collaborative Research: Laser Manufacturing of Three-Dimensional Lightwave Circuits and Nano-Optical Devices	R	National Science Foundation	Federal	PI	\$21,807	75%	\$16,355
		Totals for	Lin,Yuankun					\$77,893

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
Littler, Christopher Leslie								
<i>Littler, C., Co-PI; Syllaios, A., PI; Philipose, U., Co-PI; Physics</i>								
GF2627	Analysis of Electrical Transport Mechanisms In Amorphous Silicon Relevant to Uncooled Microbolometer Sensor Technology	R	Army Research Office	Federal	Co-PI	\$57,231	33.33%	\$19,075
GP6156	The Characterization of Semiconductor Materials of Interest to L-3 by Appropriate Measurements, Tests and Simulations	R	L-3 Communications Corporation	Private	PI	\$167,519	100%	\$167,519
Totals for Littler, Christopher Leslie								\$186,594
McDaniel Sr, Floyd D								
<i>McDaniel Sr, F., PI; Neogi, A., Co-PI; Physics</i>								
G72354	Cooperative Activity in Nanotechnology between American and Japanese Universities	R	National Science Foundation	Federal	PI	\$20,134	50%	\$10,067
G74096	Interagency Cooperation Agreement for Equipment Necessary for Ion Implantation and Growth of Semiconductor Materials	R	Texas State University-San Marcos	State	PI	\$6,888	100%	\$6,888
Totals for McDaniel Sr, Floyd D								\$16,955
Neogi, Arup								
<i>Neogi, A., Co-PI; McDaniel Sr, F., PI; Physics</i>								
G72354	Cooperative Activity in Nanotechnology between American and Japanese Universities	R	National Science Foundation	Federal	Co-PI	\$20,134	50%	\$10,067
Totals for Neogi, Arup								\$10,067
Ordonez, Carlos A								
G72735	Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping	R	U.S. Department of Energy	Federal	PI	\$26,999	100%	\$26,999
Totals for Ordonez, Carlos A								\$26,999
Perez, Jose								
<i>Perez, J., Co-PI; Physics; Brostow, W., PI; Materials Science & Engineering;</i>								
GF1581	Synthesis and Evaluation of Porous Polymers for Absorbing Petroleum Spills Based on Recycled Poly(Ethylene Terephthalate) (PET)	R	National Science Foundation	Federal	Co-PI	\$12,816	50%	\$6,408
Totals for Perez, Jose								\$6,408
Philipose, Usha								
<i>Philipose, U., Co-PI; Syllaios, A., PI; Littler, C., Co-PI; Physics</i>								
GF2627	Analysis of Electrical Transport Mechanisms In Amorphous Silicon Relevant to Uncooled Microbolometer Sensor Technology	R	Army Research Office	Federal	Co-PI	\$57,231	33.33%	\$19,075
Totals for Philipose, Usha								\$19,075

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
Quintanilla,Sandra J								
GF1549	Positron and Positronium Collisions with Simple Atoms	R	National Science Foundation	Federal	PI	\$31,098	100%	\$31,098
Totals for		Quintanilla,Sandra J						\$31,098
Rout,Bibhudutta								
GF4039	MRI-R2: Development of Electrostatic High Energy Focused Ion Beam (HEFIB) Nanoprobe System	R	University of Louisiana at Lafayette	Federal	PI	\$50,456	100%	\$50,456
Totals for		Rout,Bibhudutta						\$50,456
Shemmer,Ohad								
GF4092	Exploratory X-Ray Monitoring of z>4 Radio-Quiet Quasars	R	Smithsonian Astrophysical Observatory	Federal	PI	\$2,861	100%	\$2,861
G72416	Direct Detection and Mapping of Star Forming Regions in Nearby, Luminous Quasars	R	National Aeronautics & Space Administration	Federal	PI	\$9,719	100%	\$9,719
GF4089	Black Hole Growth and Star formation in the Early Universe: z=4.8 Sample	R	California Institute of Technology	Federal	PI	\$2,000	100%	\$2,000
G72769	Lineless Quasars at High Redshift: Extremely High Accretion Rate Sources	R	National Aeronautics & Space Administration	Federal	PI	\$20,704	100%	\$20,704
G72766	X-Ray Variability of Intermediate-Redshift Radio-Quest Quasars	R	National Aeronautics & Space Administration	Federal	PI	-\$395	100%	(\$395)
Totals for		Shemmer,Ohad						\$34,890
Syllaios,Athanasios John								
<i>Syllaios, A., PI; Littler, C., Co-PI; Philipose, U., Co-PI; Physics</i>								
GF2627	Analysis of Electrical Transport Mechanisms In Amorphous Silicon Relevant to Uncooled Microbolometer Sensor Technology	R	Army Research Office	Federal	PI	\$57,231	33.34%	\$19,081
Totals for		Syllaios,Athanasios John						\$19,081
Totals for		Physics						\$747,060
Political Science								
Breuning,Marijke								
<i>Breuning, M., Co-PI; Ishiyama, J., PI; Enterline, A., Co-PI; Greig, J., Co-PI; Cox, G., Co-PI; Mason, T., Co-PI; Meernik, J., Co-PI; Hensel, P., Co-PI; Political Science</i>								
GF1538	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	Co-PI	\$8,560	10%	\$856
Totals for		Breuning,Marijke						\$856

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
Collins Jr,Paul Michael								
GP6183	May It Please the Senate: Supreme Court Confirmation Hearings and Constitutional Change	R	The Dirksen Congressional Center	Private	PI	\$3,131	100%	\$3,131
Totals for Collins Jr,Paul Michael								\$3,131
Cox,Gloria C								
<i>Cox, G., Co-PI; Ishiyama, J., PI; Enterline, A., Co-PI; Greig, J., Co-PI; Mason, T., Co-PI; Meernik, J., Co-PI; Breuning, M., Co-PI; Hensel, P., Co-PI; Political Science</i>								
GF1538	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	Co-PI	\$8,560	10%	\$856
Totals for Cox,Gloria C								\$856
Enterline,Andrew J								
<i>Enterline, A., Co-PI; Ishiyama, J., PI; Greig, J., Co-PI; Cox, G., Co-PI; Mason, T., Co-PI; Meernik, J., Co-PI; Breuning, M., Co-PI; Hensel, P., Co-PI; Political Science</i>								
GF1538	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	Co-PI	\$8,560	10%	\$856
Totals for Enterline,Andrew J								\$856
Greig,James Michael								
<i>Greig, J., Co-PI; Ishiyama, J., PI; Political Science</i>								
GF1573	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	Co-PI	\$88,750	50%	\$44,375
<i>Greig, J., Co-PI; Ishiyama, J., PI; Enterline, A., Co-PI; Cox, G., Co-PI; Mason, T., Co-PI; Meernik, J., Co-PI; Breuning, M., Co-PI; Hensel, P., Co-PI; Political Science</i>								
GF1538	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	Co-PI	\$8,560	15%	\$1,284
Totals for Greig,James Michael								\$45,659
Hendrix,Cullen S.								
<i>Hendrix, C., Co-PI; Salehyan, L., PI; Political Science</i>								
GF4006	Program on Climate Change, State Stability, and Political Risk in Africa	R	University of Texas at Austin	Federal	Co-PI	\$77,187	50%	\$38,594
Totals for Hendrix,Cullen S.								\$38,594
Hensel,Paul Richard								
GF1558	Collaborative Research: Contentious Issues in World Politics: Updating the Issue Correlates of War Dataset	R	National Science Foundation	Federal	PI	\$52,526	100%	\$52,526
<i>Hensel, P., Co-PI; Ishiyama, J., PI; Enterline, A., Co-PI; Greig, J., Co-PI; Cox, G., Co-PI; Mason, T., Co-PI; Meernik, J., Co-PI; Breuning, M., Co-PI; Political Science</i>								
GF1538	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	Co-PI	\$8,560	10%	\$856
Totals for Hensel,Paul Richard								\$53,382
Ishiyama,John T.								
<i>Ishiyama, J., PI; Enterline, A., Co-PI; Greig, J., Co-PI; Cox, G., Co-PI; Mason, T., Co-PI; Meernik, J., Co-PI; Breuning, M., Co-PI; Hensel, P., Co-PI; Political Science</i>								
GF1538	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	PI	\$8,560	25%	\$2,140

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Ishiyama, J., PI; Greig, J., Co-PI; Political Science</i>								
GF1573	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	PI	\$88,750	50%	\$44,375
Totals for		Ishiyama,John T.						\$46,515
Mason,Thomas David								
<i>Mason, T., Co-PI; Ishiyama, J., PI; Enterline, A., Co-PI; Greig, J., Co-PI; Cox, G., Co-PI; Meernik, J., Co-PI; Breuning, M., Co-PI; Hensel, P., Co-PI; Political Science</i>								
GF1538	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	Co-PI	\$8,560	10%	\$856
Totals for		Mason,Thomas David						\$856
Meernik,James David								
<i>Meernik, J., Co-PI; Ishiyama, J., PI; Enterline, A., Co-PI; Greig, J., Co-PI; Cox, G., Co-PI; Mason, T., Co-PI; Breuning, M., Co-PI; Hensel, P., Co-PI; Political Science</i>								
GF1538	REU Site: Civil Conflict Management and Peace Science	R	National Science Foundation	Federal	Co-PI	\$8,560	10%	\$856
Totals for		Meernik,James David						\$856
Paolino,Philip O								
GF1555	RAPID: Long-Term Unemployment and Individualist Values	R	National Science Foundation	Federal	PI	\$71,867	100%	\$71,867
GF1575	A Panel Study of the Effects of Long-Term Unemployment Upon Individualist Values	R	National Science Foundation	Federal	PI	\$62,135	100%	\$62,135
Totals for		Paolino,Philip O						\$134,002
Salehyan,Idean								
<i>Salehyan, I., PI; Hendrix, C., Co-PI; Political Science</i>								
GF4006	Program on Climate Change, State Stability, and Political Risk in Africa	R	University of Texas at Austin	Federal	PI	\$85,641	50%	\$47,048
Totals for		Salehyan,Idean						\$47,048
Totals for		Political Science						\$372,611
Psychology								
Boals,Adriel								
<i>Boals, A., Co-PI; Murrell, A., PI; Psychology</i>								
GP6138	Enhancing Community Treatment of Trauma with Acceptance and Commitment Therapy: The Importance of Centrality to Identity	R	Hogg Foundation for Mental Health	Private	Co-PI	\$7,451	50%	\$3,726
Totals for		Boals,Adriel						\$3,726
Hayslip Jr,Bert								
GS5126	Conducting Focus Groups for Grandparents Raising Grandchildren in the North Texas Area	R	Area Agency on Aging of North Central TX	State	PI	-\$90	100%	(\$90)

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GF4088	Comparing Interventions to Improve the Well-Being of Custodial Grandfamilies	R	Kent State University	Federal	PI	\$38,950	60%	\$38,950
		Totals for	Hayslip Jr,Bert					\$38,860
Kelly, Kimberly S								
<i>Kelly, K., Co-PI; Taylor, D., PI; Psychology</i>								
GF2638	Is Insomnia a Risk Factor for Decreased Influenza (H1N1) Vaccine Response	R	National Institutes of Health	Federal	Co-PI	\$22,076	50%	\$11,038
		Totals for	Kelly, Kimberly S					\$11,038
Murrell, Amy R								
<i>Murrell, A., PI; Boals, A., Co-PI; Psychology</i>								
GP6138	Enhancing Community Treatment of Trauma with Acceptance and Commitment Therapy: The Importance of Centrality to Identity	R	Hogg Foundation for Mental Health	Private	PI	\$7,451	50%	\$3,726
		Totals for	Murrell, Amy R					\$3,726
Petrie, Trent								
<i>Petrie, T., Co-PI; Psychology; Martin, S., PI; Greenleaf, C., Co-PI; Kinesiology, Health Promotion and Recreation</i>								
G70792	Mental and Physical Health Effects on Adolescents' Academics	R	American Alliance for Health, Physical Education, Recreation and Dance	Private	Co-PI	\$5,786	33.33%	\$1,928
		Totals for	Petrie, Trent					\$1,928
Petrie, Trent A								
GP6155	The Physical and Psychological Health of Male Collegiate Athletes	R	National Collegiate Athletic Association	Private	PI	\$11,371	100%	\$11,371
		Totals for	Petrie, Trent A					\$11,371
Riggs, Shelley Ann								
G70286	Family System Predictors of Psychological Well-being in Middle Childhood	R	Timberlawn Psychiatric Research Foundation	Private	PI	\$12,170	100%	\$12,170
		Totals for	Riggs, Shelley Ann					\$12,170
Rogers, Richard								
G72357	Miranda Warnings and Waivers: Determinants of Comprehension and Reasoning	R	National Science Foundation	Federal	PI	-\$299	100%	(\$299)
G72412	Miranda Waivers and the Validation of Miranda Measures: An Investigation of Miranda Knowledge, Beliefs and Decisions	R	National Science Foundation	Federal	PI	\$89,022	100%	\$89,022
		Totals for	Rogers, Richard					\$88,723

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
Taylor, Daniel								
<i>Taylor, D., PI; Kelly, K., Co-PI; Psychology</i>								
GF2638	Is Insomnia a Risk Factor for Decreased Influenza (H1N1) Vaccine Response	R	National Institutes of Health	Federal	PI	\$22,076	50%	\$11,038
G72199	Fibromyalgia and Sleep Treatment	R	University of Kansas Center for Research	Federal	PI	\$7,259	100%	\$7,259
GF2630	Comparing Internet and In-person Brief Cognitive Behavioral Therapy of Insomnia	R	U.S. Department of Defense	Federal	PI	\$66,343	100%	\$66,343
Totals for		Taylor, Daniel						\$84,639
Totals for		Psychology						\$256,181
Speech & Hearing Sciences								
Amlani, Aryn M								
GP6178	Use of Price Partitioning to Re-Sensitize Hearing Aid	R	Unitron	Private	PI	\$2,898	100%	\$2,898
Totals for		Amlani, Aryn M						\$2,898
Lantz, Jennifer Lynn								
<i>Lantz, J., Co-PI; Schafer, E., PI; Speech & Hearing Sciences</i>								
GP6142	Children Speech Perception in Noise Using the Phrases in Noise Test (PINT)	R	Educational Audiology Association	Private	Co-PI	\$1,300	30%	\$390
Totals for		Lantz, Jennifer Lynn						\$390
Olness, Gloria Streit								
<i>Olness, G., PI; Thomas, K., Co-PI; Speech & Hearing Sciences</i>								
GP6116	Cultural Competence for Clinicians Serving a Diverse Population with Aphasia	R	American Speech-Language-Hearing Foundation	Private	PI	-\$614	50%	(\$307)
Totals for		Olness, Gloria Streit						(\$307)
Schafer, Erin Cheri								
GP6172	Effects of Frequency Modulation (FM) Systems on Auditory Behaviors of Children with Autism Spectrum Disorders	R	Phonak Communications AG	Private	PI	\$703	100%	\$703
GP6137	Speech Perception of Adults and Children with Cochlear Implants While Using FM Systems with Electrical and Electromagnetic Coupling	R	Oticon, Inc.	Private	PI	\$2,370	100%	\$2,370

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Schafer, E., PI; Lantz, J., Co-PI; Speech & Hearing Sciences</i>								
GP6142	Children Speech Perception in Noise Using the Phrases in Noise Test (PINT)	R	Educational Audiology Association	Private	PI	\$1,300	70%	\$910
GP6133	Children's Speech Perception in Noise Using the Phrases in Noise Test	R	Texas Speech-Language-Hearing Association	Private	PI	\$961	100%	\$961
	Totals for		Schafer,Erin Cheri					\$4,944
Thomas,Kathy Wright								
<i>Thomas, K., Co-PI; Olness, G., PI; Speech & Hearing Sciences</i>								
GP6116	Cultural Competence for Clinicians Serving a Diverse Population with Aphasia	R	American Speech-Language-Hearing Foundation	Private	Co-PI	-\$614	50%	(\$307)
	Totals for		Thomas,Kathy Wright					(\$307)
	Totals for		Speech & Hearing Sciences					\$7,617
	Totals for		College of Arts & Sciences					\$7,876,684
College of Business								
<i>Accounting</i>								
Frost,Carol								
GP6134	An International Analysis of Pension Measures and Presentations	R	International Association for Accounting	Private	PI	\$5,258	100%	\$5,258
	Totals for		Frost,Carol					\$5,258
	Totals for		Accounting					\$5,258
<i>Center for Logistics Education & Research</i>								
Randall,Wesley Spencer								
GF4096	Analytical Examination of Performance Based Acquisition Strategies	R	Stevens Institute of Technology	Federal	PI	\$14,586	100%	\$14,586
	Totals for		Randall,Wesley Spencer					\$14,586
	Totals for		Center for Logistics Education & Research					\$14,586
<i>Information Technology & Decision Sciences</i>								
Koh,Chang E								
<i>Koh, C., PI; Prybutok, V., Co-PI; Information Technology & Decision Sciences</i>								
GP6163	Introduction of High-Efficiency Light Reflectors to Reduce Electrical Demand	R	University of Colima, Mexico	Private	PI	\$3,146	50%	\$1,573
	Totals for		Koh,Chang E					\$1,573

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Prybutok, V., Co-PI; Koh, C., PI; Information Technology & Decision Sciences</i>								
GP6163	Introduction of High-Efficiency Light Reflectors to Reduce Electrical Demand	R	University of Colima, Mexico	Private	Co-PI	\$3,146	50%	\$1,573
		Totals for	Prybutok,Victor R					\$1,573
		Totals for	Information Technology & Decision Sciences					\$3,146

Marketing

Swartz,Stephen M

Swartz, S., Co-PI; Marketing; Clower, T., PI; Economics

GF4082	Economic and fiscal impacts of general aviation airports in Texas	R	Texas Department of Transportation	Federal	Co-PI	\$127,463	5%	\$6,373
		Totals for	Swartz,Stephen M					\$6,373
		Totals for	Marketing					\$6,373
		Totals for	College of Business					\$29,362

College of Education

Counseling & Higher Education

Bower,Beverly

Bower, B., Co-PI; Cutright, W., PI; Jacobs, B., Co-PI; Fann, A., Co-PI; Counseling & Higher Education

GP6117	The Efficacy of Transfer Policies and Programs in the State of Texas	R	Texas Guaranteed Student Loan Corporation	Private	Co-PI	\$62,383	10%	\$6,238
		Totals for	Bower,Beverly					\$6,238

Cutright,William Marcus

Cutright, W., PI; Bower, B., Co-PI; Jacobs, B., Co-PI; Fann, A., Co-PI; Counseling & Higher Education

GP6117	The Efficacy of Transfer Policies and Programs in the State of Texas	R	Texas Guaranteed Student Loan Corporation	Private	PI	\$62,383	30%	\$18,715
		Totals for	Cutright,William Marcus					\$18,715

Dunn,Lemoyne Luette

Dunn, L., Co-PI; Counseling & Higher Education; Tyler-Wood, T., PI; Educational Psychology; Knezek, G., Co-PI; Christensen, R., Co-PI; Learning Technologies

G72390	RDE-FRI: The Effects of Simulation Enhanced Training for Teachers on the Science Achievement of Third and Fourth Grade	R	National Science Foundation	Federal	Co-PI	\$22,946	25%	\$5,737
		Totals for	Dunn,Lemoyne Luette					\$5,737

Fann,Amy

Fann, A., Co-PI; Cutright, W., PI; Bower, B., Co-PI; Jacobs, B., Co-PI; Counseling & Higher Education

GP6117	The Efficacy of Transfer Policies and Programs in the State of Texas	R	Texas Guaranteed Student Loan Corporation	Private	Co-PI	\$62,383	30%	\$18,715
		Totals for	Fann,Amy					\$18,715

Jacobs,Bonita C.

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount	
G71521	A Model for Engaged Student Learning: Strengthening Academic Programs and Institutional Management	R	U.S. Department of Education	Federal	PI	\$370,172	100%	\$370,172	
<i>Jacobs, B., Co-PI; Cutright, W., PI; Bower, B., Co-PI; Fann, A., Co-PI; Counseling & Higher Education</i>									
GP6117	The Efficacy of Transfer Policies and Programs in the State of Texas	R	Texas Guaranteed Student Loan Corporation	Private	Co-PI	\$62,383	30%	\$18,715	
Totals for		Jacobs,Bonita C.							\$388,887
Totals for		Counseling & Higher Education							\$438,292

Educational Psychology

Combes,Bertina H

Combes, B., Co-PI; Mehta, S., PI; Educational Psychology

G71580	Project DART: A Distributed Education Program in Autism Personnel in Rural Texas	R	U.S. Department of Education	Federal	Co-PI	\$240,770	50%	\$120,385	
Totals for		Combes,Bertina H							\$120,385

Glover,Rebecca June

Glover, R., Co-PI; Hull, D., PI; Educational Psychology

G72192	Enhancing Targeted Research in the Advanced Technological Education Program	R	University of Colorado at Boulder	Federal	Co-PI	\$21,500	50%	\$10,750	
Totals for		Glover,Rebecca June							\$10,750

Hull,Darrell

Hull, D., PI; Glover, R., Co-PI; Educational Psychology

G72192	Enhancing Targeted Research in the Advanced Technological Education Program	R	University of Colorado at Boulder	Federal	PI	\$21,500	50%	\$10,750	
Totals for		Hull,Darrell							\$10,750

Mehta,Smita

Mehta, S., PI; Combes, B., Co-PI; Educational Psychology

G71580	Project DART: A Distributed Education Program in Autism Personnel in Rural Texas	R	U.S. Department of Education	Federal	PI	\$240,770	50%	\$120,385	
Totals for		Mehta,Smita							\$120,385

Rinn,Anne Nicole

GF4080	The Influence of Educational Climate on College Women's Attrition from STEM Fields	R	Texas A&M Research Foundation	Federal	PI	\$23,679	100%	\$23,679	
Totals for		Rinn,Anne Nicole							\$23,679

Tyler-Wood,Tandra L

Tyler-Wood, T., Co-PI; Educational Psychology; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies;

GF4079	Research and Evaluation for the Fablab Classroom	R	University of Virginia	Federal	Co-PI	\$738	25%	\$185
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Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount	
<i>Tyler-Wood, T., PI; Educational Psychology; Dunn, L., Co-PI; Counseling & Higher Education; Knezek, G., Co-PI; Christensen, R., Co-PI; Learning Technologies</i>									
G72390	RDE-FRI: The Effects of Simulation Enhanced Training for Teachers on the Science Achievement of Third and Fourth Grade	R	National Science Foundation	Federal	PI	\$6,300	25%	\$1,575	
<i>Tyler-Wood, T., Co-PI; Educational Psychology; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies;</i>									
G72423	Middle Schoolers Out to Save the World	R	National Science Foundation	Federal	Co-PI	\$65,229	33.33%	\$21,741	
Totals for		Tyler-Wood,Tandra L							\$23,500
Totals for		Educational Psychology							\$309,449
<i>Kinesiology, Health Promotion and Recreation</i>									
Greenleaf,Christy									
<i>Greenleaf, C., Co-PI; Martin, S., PI; Kinesiology, Health Promotion and Recreation; Petrie, T., Co-PI; Psychology</i>									
G70792	Mental and Physical Health Effects on Adolescents' Academics	R	American Alliance for Health, Physical Education, Recreation and Dance	Private	Co-PI	\$5,786	33.33%	\$1,928	
Totals for		Greenleaf,Christy							\$1,928
Jackson,Allen W									
<i>Jackson, A., Co-PI; Martin, S., PI; Morrow Jr, J., Co-PI; Kinesiology, Health Promotion and Recreation</i>									
G70755	Evaluation of Fitness and Academic Data from the Texas Youth Project: A Collaborative Proposal from the Cooper Institute	R	Cooper Institute	Private	Co-PI	\$823	33.33%	\$274	
Totals for		Jackson,Allen W							\$274
Martin,Scott									
<i>Martin, S., PI; Greenleaf, C., Co-PI;Kinesiology, Health Promotion and Recreation; Petrie, T., Co-PI; Psychology</i>									
G70792	Mental and Physical Health Effects on Adolescents' Academics	R	American Alliance for Health, Physical Education, Recreation and Dance	Private	PI	\$5,786	33.34%	\$1,929	
Totals for		Martin,Scott							\$1,929
Martin,Scott B									
<i>Martin, S., PI; Morrow Jr, J., Co-PI; Jackson, A., Co-PI; Kinesiology, Health Promotion and Recreation</i>									
G70755	Evaluation of Fitness and Academic Data from the Texas Youth Project: A Collaborative Proposal from the Cooper Institute	R	Cooper Institute	Private	PI	\$823	33.34%	\$274	
Totals for		Martin,Scott B							\$274
Morrow Jr,James R									
<i>Morrow Jr, J., Co-PI; Jackson, A., Co-PI; Martin, S., PI; Kinesiology, Health Promotion and Recreation</i>									
G70755	Evaluation of Fitness and Academic Data from the Texas Youth Project: A Collaborative Proposal from the Cooper Institute	R	Cooper Institute	Private	Co-PI	\$823	33.33%	\$274	
G72117	Woman's Exercise Injuries: Incidence and Risk Factors	R	Cooper Institute	Federal	PI	\$54,013	100%	\$54,013	
Totals for		Morrow Jr,James R							\$54,287
Totals for		Kinesiology, Health Promotion and Recreation							\$58,693

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
Teacher Education & Administration								
Boyd,Rossana R								
GP6167	Future Bilingual Teachers Academy at UNT	R	Sid Richardson Foundation	Private	PI	\$257	100%	\$257
		Totals for	Boyd,Rossana R					\$257
Harris,Mary M								
GS6002	TERCEP (Texas Educational Research Center for Educator Preparation)	R	Stephen F. Austin State University	State	PI	\$3,713	100%	\$3,713
		Totals for	Harris,Mary M					\$3,713
		Totals for	Teacher Education & Administration					\$3,969
		Totals for	College of Education					\$810,404
College of Engineering								
Computer Science & Engineering								
Akl,Robert								
<i>Akl, R., Co-PI; Kavi, K., PI; Sweany, P., Co-PI; Computer Science & Engineering</i>								
GF1500	IUCRC Center Proposal: Net-Centric Software and Systems	R	National Science Foundation	Federal	Co-PI	\$34,352	10%	\$3,435
		Totals for	Akl,Robert					\$3,435
Brazile,Robert P								
<i>Brazile, R., Co-PI; Swigger, K., PI; Computer Science & Engineering</i>								
G72383	HCC: Improving the Performance of Global Software Development Learning Teams	R	National Science Foundation	Federal	Co-PI	\$73,215	50%	\$36,608
		Totals for	Brazile,Robert P					\$36,608
Buckles,Bill								
<i>Buckles, B., Co-PI; Huang, Y., PI; Computer Science & Engineering</i>								
GS5112	Low Cost Wireless Network Camera Sensors for Data Collection and Traffic Monitoring	R	Texas Department of Transportation	State	Co-PI	\$58,858	30%	\$17,657
<i>Buckles, B., Co-PI; Yuan, X., PI; Oh, J., Co-PI; Computer Science & Engineering</i>								
G41802	Computer-aided Diagnosis for Gastrointestinal Bleeding Using Wireless Capsule Endoscopy	R	Texas Higher Education Coordinating Board	State	Co-PI	\$24,587	33.33%	\$8,195
<i>Buckles, B., PI; Computer Science & Engineering; Namuduri, K., Co-PI; Electrical Engineering</i>								
GA1000	Adding Value to Sparse LiDAR Elevation Data	R	Texas Higher Education Coordinating Board	State	PI	\$68,503	50%	\$34,251
		Totals for	Buckles,Bill					\$60,104
Dantu,Ramanamurthy								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Dantu, R., PI; Kavi, K., Co-PI; Computer Science & Engineering; Guturu, P., Co-PI; Electrical Engineering</i>								
G72376	Collaborative Research: CRI: IAD: A Testbed for Research and Development of Next Generation 9-1-1 Services	R	National Science Foundation	Federal	PI	\$9,994	90%	\$8,994
<i>Dantu, R., PI; Kavi, K., Co-PI; Computer Science & Engineering; Guturu, P., Co-PI; Electrical Engineering;</i>								
G72373	MRI: Development of a Flexible Instrument and Tools for Experimental Research in Next-Generation 9-1-1 Services	R	National Science Foundation	Federal	PI	\$94,118	90%	\$84,706
G72353	MRI: Development of a Flexible Platform for Experimental Research in Secure IP Multimedia Communication Services	R	National Science Foundation	Federal	PI	\$8,365	100%	\$8,365
GF1580	RET Supplement: Collaborative Research: CRI: IAD: A Testbed for Research and Development on Next Generation 9-1-1 Services	R	National Science Foundation	Federal	PI	\$833	100%	\$833
<i>Dantu, R., PI; Computer Science & Engineering; Wang, Z., Co-PI; Communication Studies</i>								
GF1546	Collaborative Research: CRI: IAD: A Testbed for Research and Development of Next Generation 9-1-1 Services (Supplement)	R	National Science Foundation	Federal	PI	\$4,763	20%	\$953
<i>Dantu, R., PI; Computer Science & Engineering; Wang, Z., Co-PI; Communication Studies</i>								
GF1548	MRI: Development of a Flexible Instrument and Tools for Experimental Research in Next Generation 9-1-1 Services (Supplement)	R	National Science Foundation	Federal	PI	\$8,151	20%	\$1,630
Totals for Dantu,Ramanamurthy								\$105,482
Dong,Qunfeng								
GF4067	Lung Microbiome and Pulmonary Inflammation/Immunity in HIV infection	R	Indiana University School of Medicine	Federal	PI	\$66,999	40%	\$26,800
GF4056	Investigation of Cloud Computing to Support Data-Parallel Health Research (Year 1)	R	Indiana University School of Medicine	Federal	PI	\$58,727	50%	\$29,364
GP6181	Bioinformatics Analysis of Ocular Microbiome Sequence Data	R	University of Miami - School of Medicine	Private	PI	\$11,461	40%	\$4,584
GF4087	Collective Project: The urethral microbiome in adolescent males (year 2)	R	Indiana University School of Medicine	Federal	PI	\$72,874	40%	\$29,149
Totals for Dong,Qunfeng								\$89,897
Fu,Song								
GF4066	CSR: Small: Failure-Aware Monitoring and Management of Online Availability and Performance for Dependable Computing Clusters	R	New Mexico Institute of Mining &Technology	Federal	PI	\$59,817	100%	\$59,817

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
		Totals for	Fu,Song					\$59,817
Huang,Yan								
GF1565	III: Small: AegisDB: Integrated Real-Time Geo-Stream Processing and Monitoring System: A Data-Type-Based Approach	R	National Science Foundation	Federal	PI	\$48,959	100%	\$48,959
<i>Huang, Y., Co-PI; Computer Science & Engineering; Varanasi, M., PI; Li, X., Co-PI; Fu, S., Co-PI; Namuduri, K., Co-PI; Electrical Engineering; Acevedo, M., Co-PI; Electrical Engineering; Thompson,</i>								
GF1584	RET Site: Research Experiences for Teachers in Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$98,839	14%	\$13,837
G72399	SGER: Detecting and Maintaining Evolving Regions from Spatially and Temporally Varying Observations for Monitoring and Alerting	R	National Science Foundation	Federal	PI	\$703	100%	\$703
<i>Huang, Y., PI; Computer Science & Engineering; Thompson, R., Co-PI; Biology; Fu, S., Co-PI; Li, X., Co-PI; Acevedo, M., Co-PI; Electrical Engineering</i>								
G72387	CRI: IAD Infrastructure for Environmental Monitoring and Modeling Using Large-Scale Sensor Networks	R	National Science Foundation	Federal	PI	\$52,389	20%	\$10,478
<i>Huang, Y., PI; Buckles, B., Co-PI; Computer Science & Engineering</i>								
GS5112	Low Cost Wireless Network Camera Sensors for Data Collection and Traffic Monitoring	R	Texas Department of Transportation	State	PI	\$58,858	70%	\$41,201
		Totals for	Huang,Yan					\$115,178
Kavi,Krishna M								
<i>Kavi, K., Co-PI; Dantu, R., PI; Computer Science & Engineering; Guturu, P., Co-PI; Electrical Engineering</i>								
G72376	Collaborative Research: CRI: IAD: A Testbed for Research and Development of Next Generation 9-1-1 Services	R	National Science Foundation	Federal	Co-PI	\$9,994	5%	\$500
GF1503	Collaborative Research: IUCRC Center Proposal: Net-Centric Software and Systems	R	National Science Foundation	Federal	PI	\$2,103	100%	\$2,103
<i>Kavi, K., PI; Akl, R., Co-PI; Sweany, P., Co-PI; Computer Science & Engineering</i>								
GF1500	IUCRC Center Proposal: Net-Centric Software and Systems	R	National Science Foundation	Federal	PI	\$34,352	75%	\$25,764
<i>Kavi, K., Co-PI; Dantu, R., PI; Computer Science & Engineering; Guturu, P., Co-PI; Electrical Engineering;</i>								
G72373	MRI: Development of a Flexible Instrument and Tools for Experimental Research in Next-Generation 9-1-1 Services	R	National Science Foundation	Federal	Co-PI	\$94,118	5%	\$4,706
		Totals for	Kavi,Krishna M					\$33,072
Li,Hao								
<i>Li, H., Co-PI; Yuan, X., PI; Computer Science & Engineering</i>								
GF4013	Advanced Sensor Network Research into Cross-disciplinary Undergraduate Education	R	University of Houston	Federal	Co-PI	-\$1,258	50%	(\$629)
		Totals for	Li,Hao					(\$629)
Mihalcea,Rada Flavia								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GF1567	III: Small: Collaborative Research: Building a Large Multilingual Semantic Network for Text Processing Applications	R	National Science Foundation	Federal	PI	\$62,318	100%	\$62,318
<i>Mihalcea, R., Co-PI; Computer Science & Engineering; Torget, A., PI; History</i>								
GF2628	Mapping Historical Texts: Combining Text-mining and Geovisualization to Unlock the Research Potential of Historical Newspapers	R	National Endowment for the Humanities	Federal	Co-PI	\$31,195	50%	\$15,597
GF1521	NSF: RI: Small: Collaborative Research: Word Sense and Multilingual Subjectivity Analysis	R	National Science Foundation	Federal	PI	\$41,770	100%	\$41,770
G72407	CAREER: Semantic Interpretation with Monolingual and Cross-lingual Evidence	R	National Science Foundation	Federal	PI	\$46,910	100%	\$46,910
Totals for Mihalcea,Rada Flavia								\$166,595
Mikler,Armin R								
<i>Mikler, A., Co-PI; Computer Science & Engineering; Atkinson, S., PI; Biology; Oppong, J., Co-PI; Geography;</i>								
GF0001	Center for Computational Epidemiology	R	U.S. Department of Health and Human Services	Federal	Co-PI	\$6,705	33.34%	\$2,235
<i>Mikler, A., PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography</i>								
GF2622	A Computational Framework for Assessing the Feasibility of Bio-Emergency Response Plans	R	National Institutes of Health	Federal	PI	\$99,969	50%	\$49,985
<i>Mikler, A., Co-PI; Computer Science & Engineering; Atkinson, S., PI; Biology; Oppong, J., Co-PI; Geography;</i>								
GF0002	2010 Computational Epidemiology Equipment Earmark	R	U.S. Department of Health and Human Services	Federal	Co-PI	\$250,444	33.3%	\$83,398
Totals for Mikler,Armin R								\$135,618
Mohanty,Saraju								
<i>Mohanty, S., PI; Computer Science & Engineering; Kougianos, E., Co-PI; Engineering Technology</i>								
GF1513	Infrastructure Acquisition for Statistical Power, Leakage, and Timing Modeling Towards Realization of Robust Complex Nanoelectronic Circuits	R	National Science Foundation	Federal	PI	\$39,357	50%	\$19,679
<i>Mohanty, S., PI; Computer Science & Engineering; Kougianos, E., Co-PI; Engineering Technology</i>								
GS6006	Fast PVT-Tolerant Physical Design of RF IC Components	R	University of Texas at Dallas	State	PI	\$26,289	50%	\$13,144
<i>Mohanty, S., PI; Computer Science & Engineering; Kougianos, E., Co-PI; Engineering Technology</i>								
GF1537	Collaborative Research: CCLI (Exploratory): Introduction of Nanoelectronics Courses in Undergraduate Computer Science	R	National Science Foundation	Federal	PI	\$23,840	50%	\$11,920
Totals for Mohanty,Saraju								\$44,743
Oh,Junghwan								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Oh, J., Co-PI; Yuan, X., PI; Buckles, B., Co-PI; Computer Science & Engineering</i>								
G41802	Computer-aided Diagnosis for Gastrointestinal Bleeding Using Wireless Capsule Endoscopy	R	Texas Higher Education Coordinating Board	State	Co-PI	\$24,587	33.33%	\$8,195
GF4074	NSF STTR Phase II: Real Time Analysis and Feedback During Colonoscopy to Improve Quality	R	EndoMetric LLC	Federal	PI	\$41,355	100%	\$41,355
GF4028	Improving Colonoscopy Quality through Automatic Monitoring	R	Mayo Clinic Rochester	Federal	PI	\$34,605	100%	\$34,605
Totals for		Oh,Junghwan						\$84,155
Sweany,Philip Hamilton								
<i>Sweany, P., Co-PI; Kavi, K., PI; Akl, R., Co-PI; Computer Science & Engineering</i>								
GF1500	IUCRC Center Proposal: Net-Centric Software and Systems	R	National Science Foundation	Federal	Co-PI	\$34,352	15%	\$5,153
Totals for		Sweany,Philip Hamilton						\$5,153
Swigger,Kathleen M								
GF1514	REU: Human Centered Computing (HCC): Improving the Performance of Global Software Development Learning Teams	R	National Science Foundation	Federal	PI	\$6,695	100%	\$6,695
<i>Swigger, K., PI; Brazile, R., Co-PI; Computer Science & Engineering</i>								
G72383	HCC: Improving the Performance of Global Software Development Learning Teams	R	National Science Foundation	Federal	PI	\$73,215	50%	\$36,608
Totals for		Swigger,Kathleen M						\$43,302
Tarau,Paul								
GF1554	SHF: Small: A Framework of Bijective Data Transformations	R	National Science Foundation	Federal	PI	\$35,601	100%	\$35,601
Totals for		Tarau,Paul						\$35,601
Tsatsoulis,Constantinos								
G72761	An Adaptive, Negotiating Multi-agent System for Sensor Webs	R	National Aeronautics & Space Administration	Federal	PI	\$0	100%	\$0
Totals for		Tsatsoulis,Constantinos						\$0
Yuan,Xiaohui								
<i>Yuan, X., PI; Li, H., Co-PI; Computer Science & Engineering</i>								
GF4013	Advanced Sensor Network Research into Cross-disciplinary Undergraduate Education	R	University of Houston	Federal	PI	\$2,507	50%	\$3,136

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Yuan, X., PI; Buckles, B., Co-PI; Oh, J., Co-PI; Computer Science & Engineering</i>								
G41802	Computer-aided Diagnosis for Gastrointestinal Bleeding Using Wireless Capsule Endoscopy	R	Texas Higher Education Coordinating Board	State	PI	\$24,587	33.34%	\$8,197
Totals for		Yuan,Xiaohui						\$11,333
Totals for		Computer Science & Engineering						\$1,029,463

Electrical Engineering

Acevedo,Miguel F

Acevedo, M., Co-PI; Electrical Engineering; Hoeinghaus, D., PI; La Point, T., Co-PI; Thompson, R., Co-PI; Biology

GF1561	WSC-Category 1: Integrated Biophysical-Social Research for Water and Ecosystem Sustainability in an Effluent-Driven Urbanizing Watershed	R	National Science Foundation	Federal	Co-PI	\$89,421	20%	\$17,884
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Acevedo, M., Co-PI; Electrical Engineering; Varanasi, M., PI; Li, X., Co-PI; Fu, S., Co-PI; Namuduri, K., Co-PI; Electrical Engineering; Huang, Y., Co-PI; Computer Science & Engineering; Thompson,

GF1584	RET Site: Research Experiences for Teachers in Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$98,839	15%	\$14,826
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Acevedo, M., Co-PI; Fu, S., Co-PI; Li, X., Co-PI; Electrical Engineering; Huang, Y., PI; Computer Science & Engineering; Thompson, R., Co-PI; Biology;

G72387	CRI: IAD Infrastructure for Environmental Monitoring and Modeling Using Large-Scale Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$52,389	20%	\$10,478
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Totals for **Acevedo,Miguel F** **\$43,188**

Fu,Shengli

Fu, S., Co-PI; Varanasi, M., PI; Li, X., Co-PI; Namuduri, K., Co-PI; Electrical Engineering; Huang, Y., Co-PI; Computer Science & Engineering; Acevedo, M., Co-PI; Electrical Engineering; Thompson,

GF1584	RET Site: Research Experiences for Teachers in Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$98,839	14%	\$13,837
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Fu, S., Co-PI; Li, X., Co-PI; Acevedo, M., Co-PI; Electrical Engineering; Huang, Y., PI; Computer Science & Engineering; Thompson, R., Co-PI; Biology;

G72387	CRI: IAD Infrastructure for Environmental Monitoring and Modeling Using Large-Scale Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$52,389	20%	\$10,478
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Totals for **Fu,Shengli** **\$24,315**

Guturu,Parthasarathy

Guturu, P., Co-PI; Electrical Engineering; Dantu, R., PI; Kavi, K., Co-PI; Computer Science & Engineering

G72373	MRI: Development of a Flexible Instrument and Tools for Experimental Research in Next-Generation 9-1-1 Services	R	National Science Foundation	Federal	Co-PI	\$94,118	5%	\$4,706
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Guturu, P., Co-PI; Electrical Engineering; Dantu, R., PI; Kavi, K., Co-PI; Computer Science & Engineering

G72376	Collaborative Research: CRI: IAD: A Testbed for Research and Development of Next Generation 9-1-1 Services	R	National Science Foundation	Federal	Co-PI	\$9,994	5%	\$500
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Totals for **Guturu,Parthasarathy** **\$5,206**

Li,Xinrong

Li, X., Co-PI; Varanasi, M., PI; Fu, S., Co-PI; Namuduri, K., Co-PI; Electrical Engineering; Huang, Y., Co-PI; Computer Science & Engineering; Acevedo, M., Co-PI; Electrical Engineering; Thompson,

GF1584	RET Site: Research Experiences for Teachers in Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$98,839	14%	\$13,837
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Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Li, X., Co-PI; Acevedo, M., Co-PI; Fu, S., Co-PI; Electrical Engineering; Huang, Y., PI; Computer Science & Engineering; Thompson, R., Co-PI; Biology;</i>								
G72387	CRI: IAD Infrastructure for Environmental Monitoring and Modeling Using Large-Scale Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$52,389	20%	\$10,478
		Totals for	Li,Xinrong					\$24,315
Lin,Yuankun								
GF1571	NIRT:3D Hierarchical Nanomanufacturing for Active Photonics-on-Chip	R	National Science Foundation	Federal	PI	\$69,976	25%	\$17,494
GF1572	Collaborative Research: Laser Manufacturing of Three-Dimensional Lightwave Circuits and Nano-Optical Devices	R	National Science Foundation	Federal	PI	\$21,807	25%	\$5,452
GF4098	Science and Engineering of Polymeric and Nanoparticle-based Materials for Electronic and Structural Applications	R	University of Texas Pan American	Federal	PI	\$12,075	25%	\$3,019
		Totals for	Lin,Yuankun					\$25,964
Namuduri,Kameswara Rao								
<i>Namuduri, K., Co-PI; Varanasi, M., PI; Li, X., Co-PI; Fu, S., Co-PI; Electrical Engineering; Huang, Y., Co-PI; Computer Science & Engineering; Acevedo, M., Co-PI; Electrical Engineering; Thompson,</i>								
GF1584	RET Site: Research Experiences for Teachers in Sensor Networks	R	National Science Foundation	Federal	Co-PI	\$98,839	14%	\$13,837
<i>Namuduri, K., Co-PI; Electrical Engineering; Buckles, B., PI; Computer Science & Engineering;</i>								
GA1000	Adding Value to Sparse LiDAR Elevation Data	R	Texas Higher Education Coordinating Board	State	Co-PI	\$68,503	50%	\$34,251
GF2614	Guided Planetary Surface Exploration Using Rovers and Wireless Sensor Networks	R	National Aeronautics & Space Administration	Federal	PI	\$3,392	100%	\$3,392
		Totals for	Namuduri,Kameswara Rao					\$51,480
Varanasi,Murali R								
<i>Varanasi, M., PI; Li, X., Co-PI; Fu, S., Co-PI; Namuduri, K., Co-PI; Electrical Engineering; Huang, Y., Co-PI; Computer Science & Engineering; Acevedo, M., Co-PI; Electrical Engineering; Thompson,</i>								
GF1584	RET Site: Research Experiences for Teachers in Sensor Networks	R	National Science Foundation	Federal	PI	\$98,839	15%	\$14,826
		Totals for	Varanasi,Murali R					\$14,826
Wan,Yan								
GF1560	EAGER: Collaborative Research: Stochastic Environmental-Impact Modeling for Automated Decision-Making in Infrastructure Networks: A Multi-Disciplinary Approach	R	National Science Foundation	Federal	PI	\$8,660	100%	\$8,660

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GF1562	Cyber-Physical Systems: Small: Collaborative Research: Dynamical-Network Evaluation and Design Tools for Strategic-to-Tactical Air Traffic Flow Management	R	National Science Foundation	Federal	PI	\$9,956	100%	\$9,956
GF4051	Stochastic Weather-Impact Modeling for Flow-Contingency Planning at a Strategic Time Horizon	R	MITRE Corporation	Federal	PI	\$79,678	100%	\$79,678
Totals for		Wan,Yan						\$98,295
Totals for		Electrical Engineering						\$287,590

Engineering Technology

Davis,Jerome Jay

GP6173	Continuation of the BS Degree in Nuclear Engineering Technology	R	Luminant Generation Company LLC	Private	PI	\$104,209	100%	\$104,209
Totals for		Davis,Jerome Jay						\$104,209

Kougianos,Elias

Kougianos, E., Co-PI; Engineering Technology; Mohanty, S., PI; Computer Science & Engineering

GF1513	Infrastructure Acquisition for Statistical Power, Leakage, and Timing Modeling Towards Realization of Robust Complex Nanoelectronic Circuits	R	National Science Foundation	Federal	Co-PI	\$39,357	50%	\$19,679
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Kougianos, E., Co-PI; Engineering Technology; Mohanty, S., PI; Computer Science & Engineering

GF1537	Collaborative Research: CCLI (Exploratory): Introduction of Nanoelectronics Courses in Undergraduate Computer Science	R	National Science Foundation	Federal	Co-PI	\$23,840	50%	\$11,920
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Kougianos, E., Co-PI; Engineering Technology; Mohanty, S., PI; Computer Science & Engineering

GS6006	Fast PVT-Tolerant Physical Design of RF IC Components	R	University of Texas at Dallas	State	Co-PI	\$26,289	50%	\$13,144
Totals for		Kougianos,Elias						\$44,743

Nasrazadani,Seifollah

GF4045	Microbiologically Induced Degradation of Concrete Structures	R	Oklahoma State University	Federal	PI	\$1,846	100%	\$1,846
Totals for		Nasrazadani,Seifollah						\$1,846

Yu,Cheng

GF1559	CAREER: Comprehensive Research on Cold-Formed Steel Sheathed Shear Walls: Special Detailing, Design, and Innovation	R	National Science Foundation	Federal	PI	\$32,366	100%	\$32,366
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GP6159	Strength of Stud-to-Track Connections	R	NUCONSTEEL	Private	PI	\$2,351	100%	\$2,351
Totals for		Yu,Cheng						\$34,717

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
Zhang,Haifeng								
GF2623	Integrated Analysis of Piezoelectric Resonators as Components of Electronic Systems	R	Army Research Office	Federal	PI	\$53,484	100%	\$53,484
Totals for Zhang,Haifeng								\$53,484
Totals for Engineering Technology								\$238,999

Materials Science & Engineering

Banerjee,Rajarshi

Banerjee, R., PI; Needleman, A., Co-PI; Scharf, T., Co-PI; Materials Science & Engineering; Wilson, A., Co-PI; Chemistry

G72763	Institute for Science and Engineering Simulation	R	Air Force Research Laboratory	Federal	PI	\$1,283,569	50%	\$641,784
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Banerjee, R., Co-PI; Scharf, T., Co-PI; Materials Science & Engineering; Prasad, V., PI; VP Research & Economic Development; Omary, M., Co-PI; Chemistry

GF1563	ARI-R2: Modernization of Multi-Scale Characterization, Analysis, and Synthesis Facility for Materials and Devices: Remote Access, Visualization, and Public Engagement	R	National Science Foundation	Federal	Co-PI	\$10,243	25%	\$2,561
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G72173	Probing the Early Stages of Phase Separation and Second Phase Nucleation in Titanium Alloys Using Advanced Characterization Techniques	R	Ohio State University Research Foundation	Federal	PI	\$0	100%	\$0
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G72750	Center for Advanced Research and Technology Initiative (ARTI)	R	Army Research Office	Federal	PI	\$98,803	100%	\$98,803
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Totals for **Banerjee,Rajarshi** **\$743,148**

Brostow,Witold Konrad

Brostow, W., PI; Materials Science & Engineering; Perez, J., Co-PI; Physics

GF1581	Synthesis and Evaluation of Porous Polymers for Absorbing Petroleum Spills Based on Recycled Poly(Ethylene Terephthalate) (PET)	R	National Science Foundation	Federal	PI	\$12,816	50%	\$6,408
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Totals for **Brostow,Witold Konrad** **\$6,408**

Collins,Peter Chancellor

Collins, P., PI; Srivilliputhur, S., Co-PI; Materials Science & Engineering

GF1526	Planning Grant: I/UCRC for Advanced Non-ferrous Structural	R	National Science Foundation	Federal	PI	\$7,907	50%	\$3,954
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GP6184	Development and Application of Advanced Characterization Methodologies and Neural Networks to Advanced Titanium Alloys	R	Carpenter Technology Corporation	Private	PI	\$12,135	100%	\$12,135
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Totals for **Collins,Peter Chancellor** **\$16,089**

Dahotre,Narendra B

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
GF4035	Post-yield behavior vs. bone quality	R	UT HSC at San Antonio	Federal	PI	\$34,987	100%	\$34,987
GF1545	Collaborative Research: Composite Surfacing of Amorphous Materials by Laser Interference Nanopatterning	R	National Science Foundation	Federal	PI	\$13,610	100%	\$13,610
GF1527	State of Residual Stress in Laser Assisted Rapid Surface Microstructured Alumina Ceramic International Collaboration	R	National Science Foundation	Federal	PI	\$32,992	100%	\$32,992
		Totals for	Dahotre,Narendra B					\$81,588
D'Souza,Nandika Anne								
G72745	Metrologies for Nano-tailored Multifunctional Materials	R	National Institute of Standards and Technology	Federal	PI	\$50,626	100%	\$50,626
GP6174	Mechanical Testing of Composite Panels for Vought Aircraft Industries, Inc.	R	Vought Aircraft Industries, Inc.	Private	PI	\$5,174	100%	\$5,174
<i>D'Souza, N., PI; Materials Science & Engineering; Ayre, B., Co-PI; Biology;</i>								
GF1556	Collaborative Research: Characterization and Modeling of Natural Fiber Polymer Matrix Composites for Correlating Natural Fiber/Matrix Morphology	R	National Science Foundation	Federal	PI	\$26,151	50%	\$13,076
		Totals for	D'Souza,Nandika Anne					\$68,875
Du,Jincheng								
GF1505	Integrated Experimental and Simulation Studies of the Structure and Dissolution Mechanism of Bioactive Glasses	R	National Science Foundation	Federal	PI	\$35,818	100%	\$35,818
GF4001	Modular Dynamics Modeling	R	Infoscitex Corporation	Federal	PI	\$0	100%	\$0
<i>Du, J., Co-PI; Scharf, T., PI; Materials Science & Engineering</i>								
GF1578	In Situ Formation of Refractory Carbide Coatings With Protective Magneli Phases	R	National Science Foundation	Federal	Co-PI	\$13,460	50%	\$6,730
<i>Du, J., Co-PI; Srivilliputhur, S., Co-PI; Materials Science & Engineering; Cundari, T., PI; Chemistry</i>								
GF4005	Center for Hydrocarbon Functionalization	R	University of Virginia	Federal	Co-PI	\$107,875	33%	\$35,599
<i>Du, J., Co-PI; Materials Science & Engineering; Omary, M., PI; Cundari, T., Co-PI; Chemistry</i>								
GF1520	Metalloaromatic Multinuclear Complexes of Monovalent Coinage Metals: Novel Chemistry Driving Applications in Molecular Electronics	R	National Science Foundation	Federal	Co-PI	\$237,103	25%	\$59,276
		Totals for	Du,Jincheng					\$137,423

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
El Bouanani,Mohamed								
GP6176	UHV In-Situ Nanoscale Growth and Characterization of Metal/Si-N/Si(111) Thin Films and Interfaces for Metal Source/Drain MOSFET Applications	R	Acorn Technologies, Inc.	Private	PI	\$13,604	100%	\$13,604
Totals for El Bouanani,Mohamed								\$13,604
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	R	Air Force Research Laboratory	Federal	Co-PI	\$1,283,569	25%	\$320,892
Totals for Needleman,Alan								\$320,892
Reidy III,Richard F								
GP6107	MRCEDM: Integrated Wireless Body Networking for Long-term Therapeutic and Diagnostic Applications	R	University of Texas at Arlington	Private	PI	\$4,671	100%	\$4,671
G74067	Implantable Wireless Oxygen/Pressure Sensor	R	University of Texas at Arlington	State	PI	\$3,300	100%	\$3,300
G74207	Atomically Precise Manufacturing	R	Zyvex Labs, LLC	State	PI	\$106,766	100%	\$106,766
Totals for Reidy III,Richard F								\$114,736
Scharf,Thomas W								
<i>Scharf, T., Co-PI; Banerjee, R., Co-PI; Materials Science & Engineering; Prasad, V., PI; VP Research & Economic Development; Omary, M., Co-PI; Chemistry</i>								
GF1563	ARI-R2: Modernization of Multi-Scale Characterization, Analysis, and Synthesis Facility for Materials and Devices: Remote Access, Visualization, and Public Engagement	R	National Science Foundation	Federal	Co-PI	\$10,243	25%	\$2,561
<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	R	Air Force Research Laboratory	Federal	Co-PI	\$1,283,569	12.5%	\$160,446
G72366	Structure and Interface Evolution in Self-Lubricating Coatings and Nanocomposites for Moving Mechanical Assemblies	R	National Science Foundation	Federal	PI	\$32,830	100%	\$32,830
<i>Scharf, T., PI; Du, J., Co-PI; Materials Science & Engineering</i>								
GF1578	In Situ Formation of Refractory Carbide Coatings With Protective Magneli Phases	R	National Science Foundation	Federal	PI	\$13,460	50%	\$6,730
GF4061	SBIR Phase II: Chameleon Solid Film Lubricants for High Temperature Bearing Applications	R	Tribologix Inc.	Federal	PI	\$29,780	100%	\$29,780
Totals for Scharf,Thomas W								\$232,348

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
Shepherd,Nigel Dexter								
GF4057	SBIR Phase I: Low Resistivity Zinc Oxide by Solution Deposition as a Transparent Conducting Oxide for Solar Cells	R	Tao Companies LLC	Federal	PI	\$13,270	100%	\$13,270
GF1553	EAGER: Workfunction Modification of ZnO for Applications as Anodes in Next Generation OLEDs	R	National Science Foundation	Federal	PI	\$51,734	100%	\$51,734
Totals for Shepherd,Nigel Dexter								\$65,004
Srivilliputhur,Srinivasan G.								
<i>Srivilliputhur, S., Co-PI; Du, J., Co-PI; Materials Science & Engineering; Cundari, T., PI; Chemistry</i>								
GF4005	Center for Hydrocarbon Functionalization	R	University of Virginia	Federal	Co-PI	\$107,875	33%	\$35,599
<i>Srivilliputhur, S., Co-PI; Collins, P., PI; Materials Science & Engineering</i>								
GF1526	Planning Grant: I/UCRC for Advanced Non-ferrous Structural	R	National Science Foundation	Federal	Co-PI	\$7,907	50%	\$3,954
GF1511	Career: Deformation Science in Lightweight Alloys - Insights from Discovery-class Atomistic Simulations and an Open Digital Library to Promote Blind Student Education	R	National Science Foundation	Federal	PI	\$47,025	100%	\$47,025
GP6148	Atomistic Simulations of Environmentally Assisted Cracking in Nickel-Chromium Alloys	R	American Chemical Society	Private	PI	\$24,244	100%	\$24,244
Totals for Srivilliputhur,Srinivasan G.								\$110,821
Xia,Zhenhai								
GF4094	The Mechanistic Study on N-doped Carbon Nanomaterials as Highly Efficient Cathode for Fuel Cells	R	Case Western Reserve University	Federal	PI	\$21,957	80%	\$17,566
Totals for Xia,Zhenhai								\$17,566
Totals for Materials Science & Engineering								\$1,928,502

Mechanical & Energy Engineering

Boetcher,Sandra Kathleen Sparr

Boetcher, S., PI; Rios, O., Co-PI; Mechanical & Energy Engineering

GP6161	Fluid-structure interaction stress analysis of a parabolic solar collector an drive mechanism	R	Solar Logic	Private	PI	\$2,020	50%	\$1,010
Totals for Boetcher,Sandra Kathleen Sparr								\$1,010

Choi,Tae-Youl

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
G72408	SGER: Exploratory Research: Integration of Multiscale Nanowire Devices and Their Thermoelectrical Characterization	R	National Science Foundation	Federal	PI	\$0	100%	\$0
G70744	Micro/Nanoscale Thermal Sensor for Carbon Nanotube-based Nanostructures	R	Korea Institute of Machinery and Materials	Private	PI	\$23,442	100%	\$23,442
Totals for		Choi,Tae-Youl						\$23,442
John,Kuruvilla								
GS6009	Rider 8 Project: Corpus Christi Ozone Near Non-Attainment Area Air Quality Research Activities	R	Texas A&M University - Kingsville	State	PI	\$41,120	100%	\$41,120
GP6164	Evaluation of Anthropogenic Marine Emissions from the Port of Corpus Christi	R	Port of Corpus Christi	Private	PI	\$14,777	100%	\$14,777
GS6016	Rider 8 FY 2011 Project: Corpus Christi Ozone Near Non-Attainment Area Air Quality Research Activities	R	City of Corpus Christi	State	PI	\$71,193	100%	\$71,193
Totals for		John,Kuruvilla						\$127,090
Rios,Oziel								
<i>Rios, O., Co-PI; Boetcher, S., PI; Mechanical & Energy Engineering</i>								
GP6161	Fluid-structure interaction stress analysis of a parabolic solar collector an drive mechanism	R	Solar Logic	Private	Co-PI	\$2,020	50%	\$1,010
<i>Rios, O., Co-PI; Traum, M., PI; Mechanical & Energy Engineering</i>								
GP6143	Thermodynamic evaluation and mechanical design of a 10kW rooftop organic rankine cycle for Texas	R	Solar Logic	Private	Co-PI	\$1,408	40%	\$563
Totals for		Rios,Oziel						\$1,573
Tao,Yong Xin								
GF4095	A Cryogenic Rankine Cycle to Revolutionize Space-Based Power Generation	R	University of Texas at Austin	Federal	PI	\$234	100%	\$234
GF4060	Analysis of energy, environmental and life cycle cost reduction potential of ground source heat pump (GSHP) in hot and humid climate	R	Florida International University	Federal	PI	\$67,822	100%	\$67,822
Totals for		Tao,Yong Xin						\$68,055
Traum,Matthew Jason								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Traum, M., PI; Rios, O., Co-PI; Mechanical & Energy Engineering</i>								
GP6143	Thermodynamic evaluation and mechanical design of a 10kW rooftop organic rankine cycle for Texas	R	Solar Logic	Private	PI	\$1,408	60%	\$845
GP6154	Harvesting Built Environments for Global and Accessible Modular Energy Audit Training	R	American Society of Heating, Refrigeration and Air-conditioning Engineers	Private	PI	\$3,443	100%	\$3,443
GF4062	REU: Texas Center for Undergraduate Research in Energy and Combustion	R	Texas Engineering Experiment Station	Federal	PI	\$10,726	100%	\$10,726
GP6105	MRCEDM: Nanoporous Membranes for Defense and Medical Applications	R	University of Texas at Arlington	Private	PI	\$321	100%	\$321
Totals for		Traum,Matthew Jason						\$15,335
Totals for		Mechanical & Energy Engineering						\$236,506
Totals for		College of Engineering						\$3,721,060

**College of Information
Learning Technologies**

Christensen,Rhonda R

Christensen, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learning Technologies

GF4086 Research/Evaluation for Hawaii Science and Technology Initiative R Research Corp University of Hawaii Federal Co-PI \$42,941 33% \$14,170

Christensen, R., Co-PI; Knezek, G., PI; Learning Technologies; Tyler-Wood, T., Co-PI; Educational Psychology

G72423 Middle Schoolers Out to Save the World R National Science Foundation Federal Co-PI \$241,289 33.33% \$80,422

Christensen, R., Co-PI; Knezek, G., PI; Learning Technologies; Tyler-Wood, T., Co-PI; Educational Psychology

GF4079 Research and Evaluation for the Fablab Classroom R University of Virginia Federal Co-PI \$21,033 25% \$5,258

Christensen, R., Co-PI; Knezek, G., Co-PI; Learning Technologies; Tyler-Wood, T., PI; Educational Psychology; Dunn, L., Co-PI; Counseling & Higher Education;

G72390 RDE-FRI: The Effects of Simulation Enhanced Training for Teachers on the Science Achievement of Third and Fourth Grade R National Science Foundation Federal Co-PI \$23,099 25% \$5,775

Totals for **Christensen,Rhonda R** **\$105,625**

Knezek,Gerald

Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies; Tyler-Wood, T., Co-PI; Educational Psychology

G72423 Middle Schoolers Out to Save the World R National Science Foundation Federal PI \$241,289 33.34% \$80,446

Knezek, G., Co-PI; Christensen, R., Co-PI; Learning Technologies; Tyler-Wood, T., PI; Educational Psychology; Dunn, L., Co-PI; Counseling & Higher Education;

G72390 RDE-FRI: The Effects of Simulation Enhanced Training for Teachers on the Science Achievement of Third and Fourth Grade R National Science Foundation Federal Co-PI \$23,099 25% \$5,775

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
<i>Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies; Tyler-Wood, T., Co-PI; Educational Psychology</i>								
GF4079	Research and Evaluation for the Fablab Classroom	R	University of Virginia	Federal	PI	\$21,033	50%	\$10,517
GF4041	Evaluation of Irving ISD Target Tech in Texas. T3 mentor.	R	Irving ISD	Federal	PI	\$9,701	100%	\$9,701
<i>Knezek, G., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learning Technologies</i>								
GF4086	Research/Evaluation for Hawaii Science and Technology Initiative	R	Research Corp University of Hawaii	Federal	PI	\$42,941	34%	\$14,600
Totals for Knezek,Gerald								\$121,038
Tyler-Wood,Tandra L								
<i>Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies;</i>								
GF4086	Research/Evaluation for Hawaii Science and Technology Initiative	R	Research Corp University of Hawaii	Federal	Co-PI	\$42,941	33%	\$14,170
<i>Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies;</i>								
GF4079	Research and Evaluation for the Fablab Classroom	R	University of Virginia	Federal	Co-PI	\$20,295	25%	\$5,074
<i>Tyler-Wood, T., PI; Knezek, G., Co-PI; Christensen, R., Co-PI; Learning Technologies; Dunn, L., Co-PI; Counseling & Higher Education</i>								
G72390	RDE-FRI: The Effects of Simulation Enhanced Training for Teachers on the Science Achievement of Third and Fourth Grade	R	National Science Foundation	Federal	PI	\$16,800	25%	\$4,200
<i>Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies</i>								
G72423	Middle Schoolers Out to Save the World	R	National Science Foundation	Federal	Co-PI	\$176,060	33.33%	\$58,681
Totals for Tyler-Wood,Tandra L								\$82,125
Totals for Learning Technologies								\$308,788
Library & Information Sciences								
Chen,Jiangping								
GF2629	Enabling Multilingual Information Access to Digital Collections: An Investigation of Metadata Records Translation	R	Institute of Museum and Library Services	Federal	PI	\$45,800	100%	\$45,800
Totals for Chen,Jiangping								\$45,800
Moen,William Eugene								
<i>Moen, W., Co-PI; Library & Information Sciences; Frodeman, R., PI; Holbrook, J., Co-PI; Philosophy;</i>								
G72414	SciSIP (MOD): A Comparative Assessment of Models for Integrating Societal Impact Concerns into the Peer Review of Grant Proposals	R	National Science Foundation	Federal	Co-PI	\$96,365	33%	\$31,800
G72767	High-throughput Workflow for Computer-assisted Human Parsing of Biological Specimen Label Data	R	Institute of Museum and Library Services	Federal	PI	\$188,152	100%	\$188,152
Totals for Moen,William Eugene								\$219,953
Totals for Library & Information Sciences								\$265,753

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
TX Center for Educational Technology								
Dunn,Lemoyne Lulette								
<i>Dunn, L., Co-PI; Counseling & Higher Education; Tyler-Wood, T., PI; Knezek, G., Co-PI; Christensen, R., Co-PI; Learning Technologies</i>								
G72390	RDE-FRI: The Effects of Simulation Enhanced Training for Teachers on the Science Achievement of Third and Fourth Grade	R	National Science Foundation	Federal	Co-PI	\$153	25%	\$38
Totals for		Dunn,Lemoyne Lulette						\$38
Totals for		TX Center for Educational Technology						\$38
Totals for		College of Information						\$574,579
College of Public Affairs & Community Service								
Anthropology								
Davenport,Beverly Ann								
<i>Davenport, B., PI; Henry, M., Co-PI; Anthropology</i>								
GF1501	REU Site: Summer Research Experience for Undergraduates	R	National Science Foundation	Federal	PI	\$64,995	50%	\$32,498
<i>Davenport, B., Co-PI; Anthropology; Connors, P., PI; Kennon, L., Co-PI; Merchandising & Hospitality Management</i>								
GF0500	Testing a Food Choice Innovation for Middle School Cafeterias	R	U.S. Department of Agriculture	Federal	Co-PI	\$10,378	25%	\$2,595
Totals for		Davenport,Beverly Ann						\$35,092
Henry,Lisa Renee								
GP6151	Physician Assistant Roles in the Provision of Care to the Medically Underserved	R	American Academy of Physician Assistants	Private	PI	\$10,366	100%	\$10,366
Totals for		Henry,Lisa Renee						\$10,366
Henry,Marvin D								
<i>Henry, M., Co-PI; Davenport, B., PI; Anthropology</i>								
GF1501	REU Site: Summer Research Experience for Undergraduates	R	National Science Foundation	Federal	Co-PI	\$64,995	50%	\$32,498
Totals for		Henry,Marvin D						\$32,498
Totals for		Anthropology						\$77,956
Applied Gerontology								
Turner,Keith W								
GS6011	Assessing Technological Capacity of the North Central Texas Aging and Disability Resource Centers.	R	North Central Texas Council	State	PI	\$5,468	100%	\$5,468
GS6000	Evaluating Creation of the North Central Texas Aging and Disabilities Resource Center	R	North Central Texas Council	State	PI	\$2,843	100%	\$2,843

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
		Totals for	Turner,Keith W					\$8,312
		Totals for	Applied Gerontology					\$8,312
Public Administration								
Arlikatti,Sudha								
<i>Arlkatti, S., Co-PI; Kendra, J., PI; Public Administration</i>								
GF1547	RAPID Collaborative: The Forgotten Aspects of Evacuation: Mass Evacuee Processing and Care by Host Communities Following the Haiti Earthquake	R	National Science Foundation	Federal	Co-PI	\$6,693	50%	\$5,284
		Totals for	Arlikatti,Sudha					\$5,284
Kendra,James M								
<i>Kendra, J., PI; McEntire, D., Co-PI; Public Administration</i>								
GF1568	RAPID Grant: San Bruno CA Sept 9, 2010 Gas Pipeline Explosion and Fire	R	National Science Foundation	Federal	Co-PI	\$3,251	50%	\$1,626
<i>Kendra, J., PI; Arlikatti, S., Co-PI; Public Administration</i>								
GF1547	RAPID Collaborative: The Forgotten Aspects of Evacuation: Mass Evacuee Processing and Care by Host Communities Following the Haiti Earthquake	R	National Science Foundation	Federal	PI	\$2,818	50%	\$1,409
		Totals for	Kendra,James M					\$3,035
McEntire,David A								
<i>McEntire, D., PI; Sadiq, A., Co-PI; Public Administration</i>								
GF1539	RAPID: Cross-cultural Analysis of the Disposition of Unidentified Bodies in Haiti	R	National Science Foundation	Federal	PI	\$2,884	50%	\$1,442
<i>McEntire, D., Co-PI; Kendra, J., PI; Public Administration</i>								
GF1568	RAPID Grant: San Bruno CA Sept 9, 2010 Gas Pipeline Explosion and Fire	R	National Science Foundation	Federal	PI	\$4,026	50%	\$2,400
		Totals for	McEntire,David A					\$3,842
Sadiq,Abdul-Akeem								
<i>Sadiq, A., Co-PI; McEntire, D., PI; Public Administration</i>								
GF1539	RAPID: Cross-cultural Analysis of the Disposition of Unidentified Bodies in Haiti	R	National Science Foundation	Federal	Co-PI	\$2,884	50%	\$1,442
		Totals for	Sadiq,Abdul-Akeem					\$1,442
		Totals for	Public Administration					\$13,603
Rehabilitation, Social Work & Addictions								
Smith,Kenneth Scott								
<i>Smith, K., Co-PI; Thomas, C., PI; Rehabilitation, Social Work & Addictions</i>								
GF4099	Title IV-E Child Welfare Grant	R	Texas Department of Family & Protective Services	Federal	Co-PI	\$26,473	25%	\$6,618

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
		Totals for	Smith,Kenneth Scott					\$6,618
Thomas,Cecilia Louise								
<i>Thomas, C., PI; Smith, K., Co-PI; Rehabilitation, Social Work & Addictions</i>								
GF4099	Title IV-E Child Welfare Grant	R	Texas Department of Family & Protective Services	Federal	PI	\$26,473	75%	\$19,855
G70356	Trauma and Relocation Experiences of Older African American Katrina Survivors: Understanding Long-tem Coping and Adaptation	R	John A. Hartford Foundation	Private	PI	\$12,330	100%	\$12,330
		Totals for	Thomas,Cecilia Louise					\$32,185
		Totals for	Rehabilitation, Social Work & Addictions					\$38,804
Survey Research Center								
Ruggiere,Paul John								
GP7613	2010 Community Health Assessment	R	City of Amarillo	Private	PI	\$11,023	100%	\$11,023
GS5133	Asthma Rates of Children living near Superfund Sites and in other parts of Texas	R	Texas Environmental Health Institute	State	PI	\$120,637	100%	\$120,637
<i>Ruggiere, P., Co-PI; Survey Research Center; Clower, T., PI; Center For Economic Development</i>								
GS5115	Evaluating the Impact of Transit Oriented Development	R	Texas Department of Transportation	State	Co-PI	\$7,801	35%	\$2,730
<i>Ruggiere, P., PI; Survey Research Center; Tiwari, C., Co-PI; Geography</i>								
GS5142	Radioactive Waste Assessment - Health Surveillance Research Study	R	Texas Commission on Environmental Quality	State	PI	\$152,982	97.7%	\$149,464
GS6013	Evaluation of Parkland Family Planning Program Part II	R	Parkland Hospital	State	PI	\$10,878	100%	\$10,878
		Totals for	Ruggiere,Paul John					\$294,732
		Totals for	Survey Research Center					\$294,732
		Totals for	College of Public Affairs & Community Service					\$433,407
School of Journalism								
Journalism								
Land,Floyd Mitchell								
GP6171	Denton Live Magazine	R	Denton Chamber of Commerce	Private	PI	\$21,231	100%	\$21,231
		Totals for	Land,Floyd Mitchell					\$21,231
		Totals for	Journalism					\$21,231
		Totals for	School of Journalism					\$21,231

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount
School of Merchandising & Hospitality Management								
<i>Merchandising & Hospitality Management</i>								
Connors,Priscilla Lynn								
<i>Connors, P., PI; Kennon, L., Co-PI; Merchandising & Hospitality Management; Davenport, B., Co-PI; Anthropology</i>								
GF0500	Testing a Food Choice Innovation for Middle School Cafeterias	R	U.S. Department of Agriculture	Federal	PI	\$10,378	50%	\$5,189
Totals for		Connors,Priscilla Lynn						\$5,189
Kennon,Lisa Renee								
<i>Kennon, L., Co-PI; Connors, P., PI; Merchandising & Hospitality Management; Davenport, B., Co-PI; Anthropology</i>								
GF0500	Testing a Food Choice Innovation for Middle School Cafeterias	R	U.S. Department of Agriculture	Federal	Co-PI	\$10,378	25%	\$2,595
Totals for		Kennon,Lisa Renee						\$2,595
Totals for		Merchandising & Hospitality Management						\$7,784
Totals for		School of Merchandising & Hospitality Management						\$7,784
All Colleges Fund 34 spending								
<i>All Departments Fund 34 spending</i>								
Fund 34								
N/A	Restricted Research spending by Departments	R	N/a	0	0	\$239,580	100%	\$239,580
Totals for		Fund 34						\$239,580
Totals for		All Departments Fund 34 spending						\$239,580
Totals for		All Colleges Fund 34 spending						\$239,580
Enrollment Management								
<i>AVP Enrollment Management</i>								
Johnson,Troy Martin								
GF4081	SLDS Grant	R	Texas Higher Education Coordinating Board	Federal	PI	\$5,058	100%	\$5,058
Totals for		Johnson,Troy Martin						\$5,058
Totals for		AVP Enrollment Management						\$5,058
TRIO Center for Student Development								
Elrod,Diana Marie Adams								
G71579	University of North Texas McNair Program	R	U.S. Department of Education	Federal	PI	\$228,089	100%	\$228,089
Totals for		Elrod,Diana Marie Adams						\$228,089
Totals for		TRIO Center for Student Development						\$228,089

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount	
		Totals for Enrollment Management							\$233,148
Provost & VP Academic Affairs									
<i>Campus Sustainability Programs</i>									
Spinks,Brandon Todd									
GF4044	Distributed Renewable Energy Grant Study Agreement RFA No. RE- AG1-2010	R	State Energy Conservation Office	Federal	PI	\$183,264	100%	\$183,264	
		Totals for Spinks,Brandon Todd							\$183,264
		Totals for Campus Sustainability Programs							\$183,264
Center For Economic Development									
Clower,Terry Lee									
<i>Clower, T., PI; Center For Economic Development; Ruggiere, P., Co-PI; Survey Research Center</i>									
GS5115	Evaluating the Impact of Transit Oriented Development	R	Texas Department of Transportation	State	PI	\$7,801	65%	\$5,071	
		Totals for Clower,Terry Lee							\$5,071
		Totals for Center For Economic Development							\$5,071
Provost									
Tampke,Dale Russell									
G71521	A Model for Engaged Student Learning: Strengthening Academic Programs and Institutional Management	R	U.S. Department of Education	Federal	PI	\$84,339	100%	\$84,339	
		Totals for Tampke,Dale Russell							\$84,339
		Totals for Provost							\$84,339
		Totals for Provost & VP Academic Affairs							\$272,674
University Libraries									
<i>Dean, Libraries</i>									
Hartman,Cathy Nelson									
GF2636	Classification of the End-of-Term Archive: Extending Collection Development Practices to Large-Scale Datasets	R	Institute of Museum and Library Services	Federal	PI	\$10,330	100%	\$10,330	
<i>Hartman, C., PI; Phillips, M., Co-PI; Dean, Libraries</i>									
G72184	The Web-at-Risk: A Distributed Approach to Preserving Our Nation's Political Cultural Heritage Continued	R	California Digital Library	Federal	PI	-\$43	50%	(\$22)	
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Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount	
GF2611	Classification of the End-of-Term Archive: Extending Collection Development Practices to Large-Scale Datasets	R	Institute of Museum and Library Services	Federal	PI	\$184,046	100%	\$184,046	
		Totals for	Hartman,Cathy Nelson						\$194,354

Phillips,Mark Edward

Phillips, M., Co-PI; Hartman, C., PI; Dean, Libraries

G72184	The Web-at-Risk: A Distributed Approach to Preserving Our Nation's Political Cultural Heritage Continued	R	California Digital Library	Federal	Co-PI	-\$43	50%	(\$22)	
		Totals for	Phillips,Mark Edward						(\$22)
		Totals for	Dean, Libraries						\$194,333
		Totals for	University Libraries						\$194,333

VP Research & Economic Development

VP Research & Economic Development

Prasad,Vishwanath

Prasad, V., PI; VP Research & Economic Development; Omary, M., Co-PI; Chemistry; Banerjee, R., Co-PI; Scharf, T., Co-PI; Materials Science & Engineering

GF1563	ARI-R2: Modernization of Multi-Scale Characterization, Analysis, and Synthesis Facility for Materials and Devices: Remote Access, Visualization, and Public Engagement	R	National Science Foundation	Federal	PI	\$10,243	40%	\$4,097	
		Totals for	Prasad,Vishwanath						\$4,097
		Totals for	VP Research & Economic Develoment						\$4,097
		Totals for	VP Research & Economic Development						\$4,097
		Totals for	UNT Denton						\$14,418,343

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	FY11 Expenditure	Recognition %	Recognition Amount	
UNT Dallas									
Liberal Arts & Life Sciences									
Biology and Chemistry									
Tanner,David Arden									
PF4003	Natural Resource Level One And Two Inventories US Army Corp of Engineers Omaha District - Bowman-Haley Lake	R	Bio-West, Inc.	Federal	PI	\$3,626	100%	\$3,626	
PF4002	Natural Resource Level One And Two Inventories US Army Corp of Engineers Omaha District - Pipestem Lake	R	Bio-West, Inc.	Federal	PI	\$11,391	100%	\$11,391	
Totals for		Tanner,David Arden							\$15,017
Totals for		Biology and Chemistry							\$15,017
Totals for		Liberal Arts & Life Sciences							\$15,017
Totals for		UNT Dallas							\$15,017
Totals for Fiscal Year 2011								\$14,433,360	