

**Monthly Proposal Report for October 2015**  
**University of North Texas**

<b>Proposals Total by College</b>	<b>Oct 2015</b>	<b>Oct 2016</b>	<b>YTD FY2015</b>	<b>YTD FY2016</b>
College of Arts and Sciences	\$13,529,882	\$6,665,732	\$23,466,637	\$9,931,864
College of Business	\$0	\$3,000	\$0	\$3,000
College of Education	\$435,482	\$2,149,631	\$862,489	\$2,656,041
College of Engineering	\$4,667,688	\$7,260,948	\$10,415,678	\$14,013,896
College of Information	\$2,265,704	\$75,211	\$3,647,047	\$341,573
College of Merchandising Hospitality and Tourism	\$41,020	\$0	\$41,020	\$0
College of Music	\$0	\$0	\$0	\$0
College of Public Affairs and Community Service	\$625,068	\$0	\$1,021,084	\$57,147
College of Visual Arts and Design	\$0	\$30,204	\$179,095	\$30,204
School of Journalism	\$528,124	\$0	\$528,124	\$18,000
Other <sup>1</sup>	\$133,972	\$0	\$678,970	\$0
<b>Grand Total:</b>	<b>\$22,226,939</b>	<b>\$16,184,726</b>	<b>\$40,840,143</b>	<b>\$27,051,725</b>

**Proposals Total by Category**

Instruction	\$35,314	\$0	\$35,314	\$1,000
Public Service	\$767,689	\$2,143,449	\$1,426,066	\$2,429,151
Research (Applied, Basic, Development)	\$21,423,936	\$14,023,277	\$39,378,763	\$24,410,116
Other <sup>2</sup>	\$0	\$18,000	\$0	\$211,458
<b>Grand Total:</b>	<b>\$22,226,939</b>	<b>\$16,184,726</b>	<b>\$40,840,143</b>	<b>\$27,051,725</b>

**Proposals Total by Source of Funding**

Federal	\$20,428,464	\$12,280,138	\$34,854,276	\$22,277,063
Private	\$1,540,061	\$2,349,073	\$5,654,905	\$2,969,146
State	\$258,414	\$1,555,514	\$330,962	\$1,805,516
<b>Grand Total:</b>	<b>\$22,226,939</b>	<b>\$16,184,726</b>	<b>\$40,840,143</b>	<b>\$27,051,725</b>

**Notes:**

1 Other includes UNT Libraries, Office of the Provost and Vice President of Academic Affairs, Enrollment Management, Director Risk Management, Honors College, and Outreach & Community Involvement

2 Other includes Career, Conderence, Equipment, Fellowship, Infrastructure/Facilities, Student Support, Travel, and Training

last updated

02/05/2016

# Proposals, October FY2016

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>UNT</b>											
<i>College of Arts &amp; Sciences</i>											
<i>Biological Sciences</i>											
<b>Gross, Guenter</b>											
16-0116 Proposal: New	Integrated microelectrode and fluorescence microscopy platform for studies of impulse damage to nuclear, cytoskeletal, and synaptic components of nerve cell networks in vitro.	Research - Basic	National Science Foundation - Federal NSF		PI	4/1/2016	3	48.50%	100%	\$297,408	Submitted to Sponsor
Totals for <b>Gross, Guenter</b>										<b>\$297,408</b>	
<b>Hoeinghaus, David</b>											
<i>Hoeinghaus, D., Co-PI; Roberts, A., Co-PI; Biological Sciences; Boettger, R., PI; Technical Communication</i>											
16-0083 Proposal: New	Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research - Applied	National Science Foundation - Federal NSF		Co-PI	9/1/2016	3	48.50%	20%	\$37,477	Submitted to Sponsor
Totals for <b>Hoeinghaus, David</b>										<b>\$37,477</b>	
<b>Lund, Amie</b>											
<i>Lund, A., PI; McFarlin, B., Co-PI; Biological Sciences; McFarlin, B., Co-PI; Kinesiology, Health Promotion, and Recreation</i>											
16-0107 Proposal: New	Air Pollution-Mediated Alterations in Microbiome, Metabolomics, and Inflammation.	Research - Basic	National Institutes of Health - Federal NIH		PI	7/1/2016	2	48.50%	80%	\$322,202	Submitted to Sponsor
Totals for <b>Lund, Amie</b>										<b>\$322,202</b>	
<b>McFarlin, Brian</b>											
<i>McFarlin, B., Co-PI; Lund, A., PI; Biological Sciences; McFarlin, B., Co-PI; Kinesiology, Health Promotion, and Recreation</i>											
16-0107 Proposal: New	Air Pollution-Mediated Alterations in Microbiome, Metabolomics, and Inflammation.	Research - Basic	National Institutes of Health - Federal NIH		Co-PI	7/1/2016	2	48.50%	2%	\$8,055	Submitted to Sponsor

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>McFarlin, B., Co-PI; Biological Sciences; McFarlin, B., PI; Kinesiology, Health Promotion, and Recreation</i>											
16-0151 Proposal: New	Testing Efficacy of UA Recovery Shorts Following EIMD	Research - Basic	Under Armour, Inc.	Industry	Co-PI	10/1/2015	1	12.00%	50%	\$39,101	Funded
			Totals for	<b>McFarlin, Brian</b>						<b>\$47,156</b>	
<b>Roberts, Aaron</b>											
<i>Roberts, A., Co-PI; Hoeinghaus, D., Co-PI; Biological Sciences; Boettger, R., PI; Technical Communication</i>											
16-0083 Proposal: New	Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	9/1/2016	3	48.50%	20%	\$37,477	Submitted to Sponsor
			Totals for	<b>Roberts, Aaron</b>						<b>\$37,477</b>	
<b>Verbeck, Guido</b>											
<i>Verbeck, G., Co-PI; Biological Sciences; Verbeck, G., PI; Chemistry</i>											
16-0136 Proposal: New	Nanomanipulation-Coupled to Mass Spectrometry for Direct One-Cell Organelle Analysis to Explore Lipid Localization Chemistry within Single Adipocytes of Diabetic Cell Cultures	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	6/1/2016	3	48.50%	30%	\$133,650	Submitted to Sponsor
<i>Verbeck, G., Co-PI; Biological Sciences; Verbeck, G., PI; Chemistry</i>											
16-0137 Proposal: New	Analysis of Aromatic Chemical Pollutants and Metabolites using Plug-In Hybrid Vehicle Platform-Mobile Mass Spectrometry for Detection of Deleterious Effects on Local Flora and Fauna	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	6/1/2016	3	48.50%	30%	\$103,551	Submitted to Sponsor
			Totals for	<b>Verbeck, Guido</b>						<b>\$237,201</b>	
			Totals for	<b>Biological Sciences</b>						<b>\$978,920</b>	

## Chemistry

### D'souza, Francis

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

16-0102 Proposal: New	High Energy Triplet Sensitizer - Nanocarbon Hybrids for Long-Lived Charge Separation, and for Rational Design of Photocatalysts	Research - Basic	U.S. Department of Energy - DOE	Federal	PI	6/1/2016	3	48.50%	80%	\$463,634	Submitted to Sponsor
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	<b>D'souza, Francis</b>							<b>\$463,634</b>	
<b>Kelber, Jeffrey</b>											
16-0050 Proposal: New	Collaborative Research: Boron Carbide/aromatic polymers for photoactivated processes	Research - Basic	National Science Foundation - NSF	Federal	PI	6/1/2016	3	48.50%	100%	\$312,602	Submitted to Sponsor
16-0051 Proposal: Supplement	CSPIN: Co/BN/Co MTJ and related 2D materials applications for spintronics	Research - Basic	Semiconductor Research Corporation	Not for Profit	PI	11/1/2015	1	48.00%	100%	\$99,999	Submitted to Sponsor
		Totals for	<b>Kelber, Jeffrey</b>							<b>\$412,601</b>	
<b>Verbeck, Guido</b>											
<i>Verbeck, G., PI; Chemistry; Verbeck, G., Co-PI; Biological Sciences</i>											
16-0136 Proposal: New	Nanomanipulation-Coupled to Mass Spectrometry for Direct One-Cell Organelle Analysis to Explore Lipid Localization Chemistry within Single Adipocytes of Diabetic Cell Cultures	Research - Basic	National Institutes of Health - NIH	Federal	PI	6/1/2016	3	48.50%	70%	\$311,850	Submitted to Sponsor
<i>Verbeck, G., PI; Chemistry; Verbeck, G., Co-PI; Biological Sciences</i>											
16-0137 Proposal: New	Analysis of Aromatic Chemical Pollutants and Metabolites using Plug-In Hybrid Vehicle Platform-Mobile Mass Spectrometry for Detection of Deleterious Effects on Local Flora and Fauna	Research - Basic	National Science Foundation - NSF	Federal	PI	6/1/2016	3	48.50%	70%	\$241,618	Submitted to Sponsor
		Totals for	<b>Verbeck, Guido</b>							<b>\$553,468</b>	
<b>Xia, Zhenhai</b>											
<i>Xia, Z., Co-PI; Chemistry; Xia, Z., PI; Materials Science &amp; Engineering</i>											
16-0080 Proposal: New	Collaborative Research: 3D Nanoarchitected Metal-free Bifunctional Catalysts for Oxygen Reduction and Evolution	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	7/1/2016	3	48.50%	20%	\$48,770	Submitted to Sponsor

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
<i>Xia, Z., Co-PI; Chemistry; Xia, Z., PI; Materials Science &amp; Engineering</i>												
16-0089 Proposal: New	Collaborative Research: Adhesive Carbon Nanotube Meshes as Conductive Binder for Battery Application	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	6/1/2016	3	48.50%	20%	\$30,000	Submitted to Sponsor	
<i>Xia, Z., Co-PI; Chemistry; Xia, Z., PI; Materials Science &amp; Engineering</i>												
16-0103 Proposal: New	Carbon Nanomaterials for Metal-Free Photocatalysis	Research - Applied	Case Western Reserve University	Foundation Flow Thru	Co-PI	7/1/2016	3	0.00%	20%	\$60,000	Submitted to Sponsor	
<i>Xia, Z., Co-PI; Chemistry; Shi, S., PI; Mechanical &amp; Energy Engineering; Xia, Z., Co-PI; Materials Science &amp; Engineering</i>												
16-0129 Proposal: New	In situ magnetization during the carbonization of biomass for activated carbon	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	6/1/2016	3	48.50%	8%	\$30,894	Submitted to Sponsor	
<i>Xia, Z., Co-PI; Chemistry; Xia, Z., PI; Materials Science &amp; Engineering</i>												
16-0140 Proposal: New	Collaborative Research: Exploring New Design Principles of Capacitors by Tuning Graphene Oxide Structures	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	6/1/2016	3	48.50%	20%	\$51,388	Submitted to Sponsor	
<i>Xia, Z., Co-PI; Chemistry; Mishra, R., PI; Xia, Z., Co-PI; Du, J., Co-PI; Materials Science &amp; Engineering</i>												
16-0142 Proposal: New	Engineered Materials and Materials Design of Engineered Materials.	Research - Applied	Northeastern University	Federal Flow Thru	Co-PI	8/31/2015	1	48.50%	9%	\$9,000	Funded	
										Totals for	<b>Xia, Zhenhai</b>	<b>\$230,052</b>
										Totals for	<b>Chemistry</b>	<b>\$1,659,755</b>

### **Economics**

#### **Bomba, Michael**

*Bomba, M., PI; Carroll, M., Co-PI; Economics; Pohlen, T., Co-PI; Marketing & Logistics*

16-0101 Proposal: New	The Texas Freight Mobility Plan- A Synthesis of Best Practices in Implementing State Freight Plans	Research - Basic	Texas Department of Transportation	State of TX	PI	1/1/2016	0	48.50%	90%	\$53,999	Submitted to Sponsor	
										Totals for	<b>Bomba, Michael</b>	<b>\$53,999</b>

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Carroll, Michael</b>											
<i>Carroll, M.; Co-PI; Bomba, M., PI; Economics; Pohlen, T., Co-PI; Marketing &amp; Logistics</i>											
16-0101 Proposal: New	The Texas Freight Mobility Plan- A Synthesis of Best Practices in Implementing State Freight Plans	Research - Basic	Texas Department of Transportation	State of TX	Co-PI	1/1/2016	0	48.50%	5%	\$3,000	Submitted to Sponsor
		Totals for	<b>Carroll, Michael</b>							<b>\$3,000</b>	
		Totals for	<b>Economics</b>							<b>\$56,999</b>	

### Geography

#### Ponette, Alexandra

16-0070 Proposal: New	EAGER: Collaborative Research: Exploring dust impacts on terrestrial ecosystem processes using an innovative and integrated approach	Research - Applied	National Science Foundation - NSF	Federal	PI	11/15/2015	1	48.50%	100%	\$36,586	Funded
16-0075 Proposal: New	Climate-Smart Watershed Investments in the Montane Tropics of South America	Research - Applied	University of Minnesota	Federal Flow Thru	PI	7/1/2016	3	48.50%	100%	\$50,799	Submitted to Sponsor
		Totals for	<b>Ponette, Alexandra</b>							<b>\$87,385</b>	

#### Wolverton, Steven

16-0037 Proposal: New	Establishing a Biogeographic Conservation Baseline for Upper Brazos River Unionids Using Zooarchaeological Data	Research - Basic	Texas Parks and Wildlife Department	Federal Flow Thru	PI	9/1/2016	1	15.00%	100%	\$43,564	Submitted to Sponsor
		Totals for	<b>Wolverton, Steven</b>							<b>\$43,564</b>	
		Totals for	<b>Geography</b>							<b>\$130,949</b>	

### Mathematics

#### Drellich, Elizabeth

16-0039 Proposal: New	Collaborative Research: Texas-Oklahoma Representations and Automorphic forms (TORA)	Conference	National Science Foundation - NSF	Federal	Co-PI	1/1/2016	2	0.00%	25%	\$4,500	Funded
		Totals for	<b>Drellich, Elizabeth</b>							<b>\$4,500</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Fishman, Lior</b>											
16-0010 Proposal: New	INTERPLAY BETWEEN DYNAMICS, ERGODIC THEORY, METRIC NUMBER THEORY, AND GEOMETRIC MEASURE THEORY	Research - Applied	National Science Foundation - Federal NSF		PI	6/1/2016	3	48.50%	100%	\$355,606	Submitted to Sponsor
Totals for										<b>Fishman, Lior</b>	<b>\$355,606</b>
<b>Gao, Su</b>											
<i>Gao, S., PI; Jackson, S., Co-PI; Mathematics</i>											
16-0055 Proposal: New	Forcing, Marker Structures, and Equivalence Relations	Research - Basic	National Science Foundation - Federal NSF		PI	6/1/2016	5	48.50%	50%	\$272,625	Submitted to Sponsor
16-0095 Proposal: Supplement	EMSW21-RTG: Research Training Group in Logic and Dynamics	Research - Applied	National Science Foundation - Federal NSF		PI	1/1/2016	0	0.00%	100%	\$36,000	Funded
Totals for										<b>Gao, Su</b>	<b>\$308,625</b>
<b>Jackson, Stephen</b>											
<i>Jackson, S., Co-PI; Gao, S., PI; Mathematics</i>											
16-0055 Proposal: New	Forcing, Marker Structures, and Equivalence Relations	Research - Basic	National Science Foundation - Federal NSF		Co-PI	6/1/2016	5	48.50%	50%	\$272,625	Submitted to Sponsor
Totals for										<b>Jackson, Stephen</b>	<b>\$272,625</b>
<b>Richter, Olav</b>											
<i>Richter, O., PI; Shepler, A., Co-PI; Mathematics</i>											
16-0039 Proposal: New	Collaborative Research: Texas-Oklahoma Representations and Automorphic forms (TORA)	Conference	National Science Foundation - Federal NSF		PI	1/1/2016	2	0.00%	50%	\$9,000	Funded
Totals for										<b>Richter, Olav</b>	<b>\$9,000</b>

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Shepler, Anne</b>											
<i>Shepler, A., Co-PI; Richter, O., PI; Mathematics</i>											
16-0039 Proposal: New	Collaborative Research: Texas-Oklahoma Representations and Automorphic forms (TORA)	Conference	National Science Foundation - Federal NSF		Co-PI	1/1/2016	2	0.00%	25%	\$4,500	Funded
		Totals for	<b>Shepler, Anne</b>							<b>\$4,500</b>	
		Totals for	<b>Mathematics</b>							<b>\$954,855</b>	

### Physics

#### Aouadi, Samir

*Aouadi, S., Co-PI; Physics; Aouadi, S., PI; Young, M., Co-PI; Materials Science & Engineering*

16-0134 Proposal: New	Collaborative Research: Surface Modification at the Nano- and Micro-scale for Improved Osseointegration	Research - Applied	National Science Foundation - Federal NSF		Co-PI	9/1/2016	3	48.50%	10%	\$37,770	Submitted to Sponsor
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*Aouadi, S., Co-PI; Physics; Young, M., PI; Aouadi, S., Co-PI; Banerjee, R., Co-PI; Materials Science & Engineering*

16-0141 Proposal: New	Understanding Degradation Mechanisms of Silver-Plated Cultural Heritage Objects	Research - Applied	National Science Foundation - Federal NSF		Co-PI	9/1/2016	3	48.50%	5%	\$22,866	Submitted to Sponsor
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Totals for **Aouadi, Samir** **\$60,636**

#### Glass, Gary

*Glass, G., PI; Reinert, T., Co-PI; Physics*

16-0052 Proposal: New	Effects of Roux-en-Y Gastric Bypass Surgery on Brain Oxidative Stress	Research - Applied	University of Louisiana at Monroe	Federal Flow Thru	PI	4/1/2016	2	48.50%	50%	\$51,490	Submitted to Sponsor
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Totals for **Glass, Gary** **\$51,490**

#### Lin, Yuankun

*Lin, Y., Co-PI; Physics; Zhang, H., PI; Lin, Y., Co-PI; Electrical Engineering*

16-0066 Proposal: New	Spectrum and Performance Engineered Metasurfaces	Research - Applied	National Science Foundation - Federal NSF		Co-PI	6/1/2016	3	48.50%	37.5%	\$143,427	Submitted to Sponsor
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Lin, Y., PI; Physics; Lin, Y., Co-PI; Electrical Engineering</i>											
16-0073 Proposal: New	Collaborative Research: Design and Scalable Manufacturing of Nano-materials and 3D photonic structures for High-efficient Solar Cells	Research - Applied	National Science Foundation - Federal NSF		PI	7/1/2016	3	48.50%	75%	\$150,084	Submitted to Sponsor
<i>Lin, Y., PI; Physics; Lin, Y., Co-PI; Zhang, H., Co-PI; Electrical Engineering</i>											
16-0074 Proposal: New	Collaborative Research: Electrically Tunable Plasmonic Devices through Transparent Conducting Oxide	Research - Applied	National Science Foundation - Federal NSF		PI	8/1/2016	3	48.50%	37.5%	\$115,992	Submitted to Sponsor
<i>Lin, Y., Co-PI; Philipose, U., PI; Physics; Lin, Y., Co-PI; Electrical Engineering</i>											
16-0106 Proposal: New	Nanowires integrated with photonic crystal resonant structures for photodetector applications	Research - Applied	National Science Foundation - Federal NSF		Co-PI	4/1/2016	3	48.50%	22.5%	\$82,414	Submitted to Sponsor
			Totals for	<b>Lin, Yuankun</b>						<b>\$491,916</b>	
<b>Mueller, Dennis</b>											
16-0138 Proposal: Resubmissio	Kinematically Complete Measurements of Positron Impact Ionization of Atoms and Simple Molecules	Research - Basic	National Science Foundation - Federal NSF		PI	9/1/2016	3	48.50%	100%	\$452,693	Submitted to Sponsor
			Totals for	<b>Mueller, Dennis</b>						<b>\$452,693</b>	
<b>Neogi, Arup</b>											
16-0084 Proposal: New	Second-Harmonic microfluidic flow cytometry based on ZnO nanoparticles	Research - Applied	National Science Foundation - Federal NSF		PI	4/1/2016	2	48.50%	100%	\$283,544	Submitted to Sponsor
			Totals for	<b>Neogi, Arup</b>						<b>\$283,544</b>	
<b>Perez, Jose</b>											
16-0079 Proposal: New	Electronic and Optical Properties of Thinned Two-Dimensional Materials	Research - Applied	National Science Foundation - Federal NSF		PI	9/16/2016	3	48.50%	100%	\$297,220	Submitted to Sponsor
			Totals for	<b>Perez, Jose</b>						<b>\$297,220</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Philipose, Usha</b>											
<i>Philipose, U., PI; Lin, Y., Co-PI; Physics; Lin, Y., Co-PI; Electrical Engineering</i>											
16-0106 Proposal: New	Nanowires integrated with photonic crystal resonant structures for photodetector applications	Research - Applied	National Science Foundation - Federal NSF	Federal	PI	4/1/2016	3	48.50%	70%	\$256,400	Submitted to Sponsor
		Totals for	<b>Philipose, Usha</b>							<b>\$256,400</b>	
<b>Quintanilla, Sandra</b>											
16-0127 Proposal: New	Positron, Positronium and Electron Collisions	Research - Basic	National Science Foundation - Federal NSF	Federal	PI	5/23/2016	3	48.50%	100%	\$209,341	Submitted to Sponsor
		Totals for	<b>Quintanilla, Sandra</b>							<b>\$209,341</b>	
<b>Reinert, Tilo</b>											
<i>Reinert, T., Co-PI; Glass, G., PI; Physics</i>											
16-0052 Proposal: New	Effects of Roux-en-Y Gastric Bypass Surgery on Brain Oxidative Stress	Research - Applied	University of Louisiana at Monroe	Federal Flow Thru	Co-PI	4/1/2016	2	48.50%	50%	\$51,490	Submitted to Sponsor
		Totals for	<b>Reinert, Tilo</b>							<b>\$51,490</b>	
<b>Rostovtsev, Yuri</b>											
16-0133 Proposal: New	Fabrication of optical vortexes, atomic and molecular dark states near nanoparticles	Research - Basic	National Science Foundation - Federal NSF	Federal	PI	6/1/2016	3	48.50%	100%	\$270,119	Submitted to Sponsor
		Totals for	<b>Rostovtsev, Yuri</b>							<b>\$270,119</b>	
<b>Schultz, David</b>											
16-0125 Proposal: New	Dynamics of energy and angular momentum transfer in photoionization of one- and two-electron atoms and small molecules	Research - Applied	National Science Foundation - Federal NSF	Federal	PI	4/1/2016	3	48.50%	100%	\$264,977	Submitted to Sponsor
		Totals for	<b>Schultz, David</b>							<b>\$264,977</b>	
		Totals for	<b>Physics</b>							<b>\$2,689,826</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Psychology</b>											
<b>Wright, Rex</b>											
16-0017 Proposal: New	Circadian Congruency, Fatigue and Student Effort Deployment	Research - Applied	Spencer Foundation	Foundation	PI	6/1/2016	2	0.00%	100%	\$50,000	Submitted to Sponsor
Totals for <b>Wright, Rex</b>										<b>\$50,000</b>	
Totals for <b>Psychology</b>										<b>\$50,000</b>	
<b>Technical Communication</b>											
<b>Boettger, Ryan</b>											
<i>Boettger, R., PI; Lam, C., Co-PI; Technical Communication</i>											
16-0071 Proposal: New	Helping Students Learn How to Write: Creating an Online Interface for a Corpus of STEM Student Writing	Research - Applied	University of Florida	Industry Flow Thru	PI	9/1/2016	1	0.00%	60%	\$19,199	Submitted to Sponsor
<i>Boettger, R., PI; Technical Communication; Hoeninghaus, D., Co-PI; Roberts, A., Co-PI; Biological Sciences</i>											
16-0083 Proposal: New	Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research - Applied	National Science Foundation - Federal NSF		PI	9/1/2016	3	48.50%	60%	\$112,430	Submitted to Sponsor
Totals for <b>Boettger, Ryan</b>										<b>\$131,629</b>	
<b>Lam, Christopher</b>											
<i>Lam, C., Co-PI; Boettger, R., PI; Technical Communication</i>											
16-0071 Proposal: New	Helping Students Learn How to Write: Creating an Online Interface for a Corpus of STEM Student Writing	Research - Applied	University of Florida	Industry Flow Thru	Co-PI	9/1/2016	1	0.00%	40%	\$12,799	Submitted to Sponsor
Totals for <b>Lam, Christopher</b>										<b>\$12,799</b>	
Totals for <b>Technical Communication</b>										<b>\$144,428</b>	
Totals for <b>College of Arts &amp; Sciences</b>										<b>\$6,665,732</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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**College of Business**

**Marketing & Logistics**

**Pohlen, Terrance**

*Pohlen, T., Co-PI; Marketing & Logistics; Bomba, M., PI; Carroll, M.; Co-PI; Economics*

16-0101 Proposal: New	The Texas Freight Mobility Plan- A Synthesis of Best Practices in Implementing State Freight Plans	Research - Basic	Texas Department of Transportation	State of TX	Co-PI	1/1/2016	0	48.50%	5%	\$3,000	Submitted to Sponsor
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Totals for **Pohlen, Terrance** **\$3,000**

Totals for **Marketing & Logistics** **\$3,000**

Totals for **College of Business** **\$3,000**

**College of Education**

**Educational Psychology**

**Jacobson, Arminta**

*Jacobson, A., Co-PI; Mowell, C., PI; Educational Psychology*

16-0152 Proposal: New	Texas HIPPY Corps	Public Service	OneStar National Service Commission	Not for Profit	Co-PI	9/1/2016	1	26.00%	50%	\$552,936	Submitted to Sponsor
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Totals for **Jacobson, Arminta** **\$552,936**

**Mowell, Carla**

*Mowell, C., PI; Jacobson, A., Co-PI; Educational Psychology*

16-0152 Proposal: New	Texas HIPPY Corps	Public Service	OneStar National Service Commission	Not for Profit	PI	9/1/2016	1	26.00%	50%	\$552,936	Submitted to Sponsor
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Totals for **Mowell, Carla** **\$552,936**

Totals for **Educational Psychology** **\$1,105,872**

**Kinesiology, Health Promotion, and Recreation**

**McFarlin, Brian**

*McFarlin, B., Co-PI; Kinesiology, Health Promotion, and Recreation; Lund, A., PI; McFarlin, B., Co-PI; Biological Sciences*

16-0107 Proposal: New	Air Pollution-Mediated Alterations in Microbiome, Metabolomics, and Inflammation.	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	7/1/2016	2	48.50%	18%	\$72,495	Submitted to Sponsor
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>McFarlin, B., PI; Kinesiology, Health Promotion, and Recreation; McFarlin, B., Co-PI; Biological Sciences</i>											
16-0151 Proposal: New	Testing Efficacy of UA Recovery Shorts Following EIMD	Research - Basic	Under Armour, Inc.	Industry	PI	10/1/2015	1	12.00%	50%	\$39,101	Funded
		Totals for	<b>McFarlin, Brian</b>							<b>\$111,597</b>	
		Totals for	<b>Kinesiology, Health Promotion, and Recreation</b>							<b>\$111,597</b>	
<b>Teacher Education &amp; Administration</b>											
<b>Eddy, Colleen</b>											
<i>Eddy, C., Co-PI; Harrell, P., PI; Teacher Education &amp; Administration</i>											
16-0104 Proposal: New	Teacher Quality Grant	Public Service	Texas Higher Education Coordinating Board	State of TX	Co-PI	2/1/2016	1	8.00%	50%	\$326,832	Submitted to Sponsor
		Totals for	<b>Eddy, Colleen</b>							<b>\$326,832</b>	
<b>Harrell, Pamela</b>											
<i>Harrell, P., PI; Eddy, C., Co-PI; Teacher Education &amp; Administration</i>											
16-0104 Proposal: New	Teacher Quality Grant	Public Service	Texas Higher Education Coordinating Board	State of TX	PI	2/1/2016	1	8.00%	50%	\$326,832	Submitted to Sponsor
		Totals for	<b>Harrell, Pamela</b>							<b>\$326,832</b>	
<b>Wickstrom, Carol</b>											
16-0099 Proposal: New	Teacher Quality	Public Service	Texas Higher Education Coordinating Board	State of TX	PI	5/1/2016	1	8.00%	100%	\$274,899	Submitted to Sponsor
16-0100 Proposal: New	Travel to the Write for Texas state professional development Institutes and State Writing Coach meetings	Public Service	University of Texas at Austin	Not for Profit	PI	10/15/2015	2	0.00%	100%	\$3,600	Funded
		Totals for	<b>Wickstrom, Carol</b>							<b>\$278,499</b>	
		Totals for	<b>Teacher Education &amp; Administration</b>							<b>\$932,162</b>	
		Totals for	<b>College of Education</b>							<b>\$2,149,631</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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*College of Engineering*

*Computer Science & Engineering*

**Buckles, Bill**

*Buckles, B., PI; Huang, Y., Co-PI; Computer Science & Engineering*

16-0072 Proposal: New	Use of Lasers for Laboratory Measurements of Aggregate Shape, Angularity, and Texture	Research - Applied	Texas Department of Transportation	State of TX	PI	3/1/2016	1	48.50%	50%	\$87,452	Submitted to Sponsor
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Totals for **Buckles, Bill** **\$87,452**

**Fu, Song**

16-0090 Proposal: Supplement	Anomaly Detection in DOE High Performance Computing Systems Using Machine Learning	Research - Applied	Los Alamos National Laboratory - LANL	Federal	PI	9/30/2015	1	48.50%	100%	\$5,017	Funded
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Totals for **Fu, Song** **\$5,017**

**Huang, Yan**

*Huang, Y., Co-PI; Buckles, B., PI; Computer Science & Engineering*

16-0072 Proposal: New	Use of Lasers for Laboratory Measurements of Aggregate Shape, Angularity, and Texture	Research - Applied	Texas Department of Transportation	State of TX	Co-PI	3/1/2016	1	48.50%	50%	\$87,452	Submitted to Sponsor
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Totals for **Huang, Yan** **\$87,452**

**Kavi, Krishna**

16-0161 Proposal: Supplement	Supplemental Request to Net-Centric IUCRC to Support Innovative Managing Director Model	Research - Applied	National Science Foundation - NSF	Federal	PI	1/1/2016	0	47.00%	100%	\$202,278	Submitted to Sponsor
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Totals for **Kavi, Krishna** **\$202,278**

**Mohanty, Saraju**

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

16-0054 Proposal: New	RET Site: VSE-Nano: Visual-Simulation and Experiment based Nanoelectronics	Research - Applied	National Science Foundation - NSF	Federal	PI	7/1/2016	3	48.50%	60%	\$299,936	Submitted to Sponsor
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Totals for **Mohanty, Saraju** **\$299,936**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Oh, Junghwan</b>											
16-0047 Proposal: New	Real-Time Objective Scoring of Ulcerative Colitis Disease Activity	Research - Applied	National Institutes of Health - NIH	Federal	PI	5/1/2016	2	48.50%	100%	\$360,269	Submitted to Sponsor
16-0130 Proposal: Resubmissio	Real-Time Feedback to Improve Colonoscopy	Research - Applied	Mayo Clinic - Rochester	Federal Flow Thru	PI	7/1/2016	4	48.50%	100%	\$403,969	Submitted to Sponsor
		Totals for	<b>Oh, Junghwan</b>							<b>\$764,238</b>	
<b>Takabi, Hassan</b>											
<i>Takabi, H., Co-PI; Yuan, X., PI; Computer Science &amp; Engineering</i>											
16-0081 Proposal: New	Communicating Information For Traveling On Managed Lane Networks	Research - Applied	Texas Department of Transportation	State of TX	Co-PI	1/1/2016	1	48.50%	30%	\$30,000	Submitted to Sponsor
16-0143 Proposal: New	Student Travel Grant for ACM Conference on Computer and Communications Security (CCS) 2016	Research - Applied	National Science Foundation - NSF	Federal	PI	7/1/2016	0	48.50%	100%	\$25,000	Funded
		Totals for	<b>Takabi, Hassan</b>							<b>\$55,000</b>	
<b>Yuan, Xiaohui</b>											
<i>Yuan, X., PI; Takabi, H., Co-PI; Computer Science &amp; Engineering</i>											
16-0081 Proposal: New	Communicating Information For Traveling On Managed Lane Networks	Research - Applied	Texas Department of Transportation	State of TX	PI	1/1/2016	1	48.50%	70%	\$69,999	Submitted to Sponsor
		Totals for	<b>Yuan, Xiaohui</b>							<b>\$69,999</b>	
		Totals for	<b>Computer Science &amp; Engineering</b>							<b>\$1,571,371</b>	

### ***Electrical Engineering***

#### **Lin, Yuankun**

*Lin, Y., Co-PI; Zhang, H., PI; Electrical Engineering; Lin, Y., Co-PI; Physics*

16-0066 Proposal: New	Spectrum and Performance Engineered Metasurfaces	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	6/1/2016	3	48.50%	12.5%	\$47,809	Submitted to Sponsor
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Lin, Y., Co-PI; Electrical Engineering; Lin, Y., PI; Physics</i>											
16-0073 Proposal: New	Collaborative Research: Design and Scalable Manufacturing of Nano-materials and 3D photonic structures for High-efficient Solar Cells	Research - Applied	National Science Foundation - Federal NSF	Federal	Co-PI	7/1/2016	3	48.50%	25%	\$50,028	Submitted to Sponsor
<i>Lin, Y., Co-PI; Zhang, H., Co-PI; Electrical Engineering; Lin, Y., PI; Physics</i>											
16-0074 Proposal: New	Collaborative Research: Electrically Tunable Plasmonic Devices through Transparent Conducting Oxide	Research - Applied	National Science Foundation - Federal NSF	Federal	Co-PI	8/1/2016	3	48.50%	12.5%	\$38,664	Submitted to Sponsor
<i>Lin, Y., Co-PI; Electrical Engineering; Philipose, U., PI; Lin, Y., Co-PI; Physics</i>											
16-0106 Proposal: New	Nanowires integrated with photonic crystal resonant structures for photodetector applications	Research - Applied	National Science Foundation - Federal NSF	Federal	Co-PI	4/1/2016	3	48.50%	7.5%	\$27,471	Submitted to Sponsor
Totals for										<b>Lin, Yuankun</b>	<b>\$163,972</b>
<b>Zhang, Hualiang</b>											
<i>Zhang, H., PI; Lin, Y., Co-PI; Electrical Engineering; Lin, Y., Co-PI; Physics</i>											
16-0066 Proposal: New	Spectrum and Performance Engineered Metasurfaces	Research - Applied	National Science Foundation - Federal NSF	Federal	PI	6/1/2016	3	48.50%	50%	\$191,236	Submitted to Sponsor
<i>Zhang, H., Co-PI; Lin, Y., Co-PI; Electrical Engineering; Lin, Y., PI; Physics</i>											
16-0074 Proposal: New	Collaborative Research: Electrically Tunable Plasmonic Devices through Transparent Conducting Oxide	Research - Applied	National Science Foundation - Federal NSF	Federal	Co-PI	8/1/2016	3	48.50%	50%	\$154,656	Submitted to Sponsor
Totals for										<b>Zhang, Hualiang</b>	<b>\$345,891</b>
Totals for										<b>Electrical Engineering</b>	<b>\$509,863</b>

### Engineering Technology

#### Kougianos, Elias

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

16-0054 Proposal: New	RET Site: VSE-Nano: Visual-Simulation and Experiment based Nanoelectronics	Research - Applied	National Science Foundation - Federal NSF	Federal	Co-PI	7/1/2016	3	48.50%	40%	\$199,958	Submitted to Sponsor
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	<b>Kougianos, Elias</b>							<b>\$199,958</b>	
<b>Nasrazadani, Seifollah</b>											
16-0077 Proposal: New	Chemical Solutions to Concrete Durability Problems	Research - Applied	Texas Department of Transportation	State of TX	PI	1/1/2016	1	48.50%	100%	\$147,406	Submitted to Sponsor
		Totals for	<b>Nasrazadani, Seifollah</b>							<b>\$147,406</b>	
<b>Yu, Cheng</b>											
16-0062 Proposal: New	Investigation on bolted connections in cold-formed steel members using J429 SAE bolts	Research - Applied	American Iron and Steel Institute	Not for Profit	PI	1/1/2016	0	48.50%	100%	\$8,000	Submitted to Sponsor
16-0063 Proposal: New	Development of LOD Specification for Building Information Models of Metal Building Systems	Research - Applied	American Iron and Steel Institute	Not for Profit	PI	1/1/2016	0	0.00%	100%	\$6,000	Submitted to Sponsor
16-0076 Proposal: New	Seismic Vulnerability and Post-Event Actions	Research - Applied	University of Texas at Arlington	State of TX Flow Thru	PI	1/1/2016	2	48.50%	100%	\$144,647	Submitted to Sponsor
		Totals for	<b>Yu, Cheng</b>							<b>\$158,647</b>	
		Totals for	<b>Engineering Technology</b>							<b>\$506,010</b>	

### Materials Science & Engineering

#### Aouadi, Samir

*Aouadi, S., PI; Young, M., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics*

16-0134 Proposal: New	Collaborative Research: Surface Modification at the Nano- and Micro-scale for Improved Osseointegration	Research - Applied	National Science Foundation - Federal NSF		PI	9/1/2016	3	48.50%	40%	\$151,081	Submitted to Sponsor
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*Aouadi, S., Co-PI; Young, M., PI; Banerjee, R., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics*

16-0141 Proposal: New	Understanding Degradation Mechanisms of Silver-Plated Cultural Heritage Objects	Research - Applied	National Science Foundation - Federal NSF		Co-PI	9/1/2016	3	48.50%	20%	\$91,464	Submitted to Sponsor
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Totals for **Aouadi, Samir** **\$242,546**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Banerjee, Rajarshi</b>											
16-0122 Proposal: New	Effect of Cold Working and Intergranular Second Phase Precipitation on Long-term Structural Stability and Stress Corrosion Cracking Susceptibility of Alloy 690	Research - Applied	Colorado School of Mines	Federal Flow Thru	PI	12/1/2015	3	48.50%	100%	\$300,000	Submitted to Sponsor
<i>Banerjee, R., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Materials Science &amp; Engineering; Aouadi, S., Co-PI; Physics</i>											
16-0141 Proposal: New	Understanding Degradation Mechanisms of Silver-Plated Cultural Heritage Objects	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	9/1/2016	3	48.50%	10%	\$45,732	Submitted to Sponsor
16-0145 Proposal: New	Integration of ICME with Legacy and Novel TMP Processing for Assured Properties in Large Titanium Structures (TMP 3a)	Research - Applied	American Lightweight Materials Manufacturing Innov	Other Private	PI	10/8/2015	3	48.50%	100%	\$449,986	Funded
Totals for										<b>Banerjee, Rajarshi</b>	<b>\$795,718</b>
<b>Choi, Wonbong</b>											
<i>Choi, W., PI; Materials Science &amp; Engineering; Choi, W., Co-PI; Mechanical &amp; Energy Engineering</i>											
16-0085 Proposal: New	Mechanistic approach to design robust electrodes of lithium-sulfur batteries for long cycle life	Research - Applied	National Science Foundation - NSF	Federal	PI	6/1/2016	3	48.50%	50%	\$151,626	Submitted to Sponsor
<i>Choi, W., Co-PI; Materials Science &amp; Engineering; Zhao, W., PI; Choi, W., Co-PI; Mechanical &amp; Energy Engineering</i>											
16-0128 Proposal: New	Novel Photovoltaics (PV) System Based on Lens and Mirror Concentrated Electron Multiplication	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	6/1/2015	3	48.50%	40%	\$99,036	Submitted to Sponsor
Totals for										<b>Choi, Wonbong</b>	<b>\$250,661</b>
<b>D'souza, Francis</b>											
<i>D'souza, F., Co-PI; Materials Science &amp; Engineering; D'souza, F., PI; Chemistry</i>											
16-0102 Proposal: New	High Energy Triplet Sensitizer - Nanocarbon Hybrids for Long-Lived Charge Separation, and for Rational Design of Photocatalysts	Research - Basic	U.S. Department of Energy - DOE	Federal	Co-PI	6/1/2016	3	48.50%	20%	\$115,908	Submitted to Sponsor
Totals for										<b>D'souza, Francis</b>	<b>\$115,908</b>

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>Du, Jincheng</b>											
<i>Du, J., Co-PI; Mishra, R., PI; Xia, Z., Co-PI; Materials Science &amp; Engineering; Xia, Z., Co-PI; Chemistry</i>											
16-0142 Proposal: New	Engineered Materials and Materials Design of Engineered Materials.	Research - Applied	Northeastern University	Federal Flow Thru	Co-PI	8/31/2015	1	48.50%	45%	\$45,000	Funded
Totals for										<b>Du, Jincheng</b>	<b>\$45,000</b>
<b>Mishra, Rajiv</b>											
<i>Mishra, R., Co-PI; Mukherjee, S., PI; Materials Science &amp; Engineering</i>											
16-0113 Proposal: New	Reduced Activity Complex Concentrated Alloys for Generation IV Reactor Systems	Research - Applied	Materials Research Corporation	Electrochemical	Federal Flow Thru	Co-PI	1/1/2016	0	48.50%	50%	\$45,000 Submitted to Sponsor
<i>Mishra, R., Co-PI; Mukherjee, S., PI; Materials Science &amp; Engineering</i>											
16-0114 Proposal: New	Carbon Nanotube Reinforced Aluminum Matrix Composites by Friction Stir Processing	Research - Applied	Materials Research Corporation	Electrochemical	Federal Flow Thru	Co-PI	1/1/2016	0	48.50%	50%	\$45,000 Submitted to Sponsor
<i>Mishra, R., PI; Xia, Z., Co-PI; Du, J., Co-PI; Materials Science &amp; Engineering; Xia, Z., Co-PI; Chemistry</i>											
16-0142 Proposal: New	Engineered Materials and Materials Design of Engineered Materials.	Research - Applied	Northeastern University	Federal Flow Thru	PI	8/31/2015	1	48.50%	10%	\$10,000	Funded
Totals for										<b>Mishra, Rajiv</b>	<b>\$100,000</b>
<b>Mukherjee, Sundeep</b>											
16-0112 Proposal: New	Rapid Degradation Of Toxic Environmental Pollutants By Catalytic Amorphous Metals	Research - Applied	National Science Foundation - NSF	Federal	PI	7/1/2016	3	48.50%	100%	\$371,390	Submitted to Sponsor
<i>Mukherjee, S., PI; Mishra, R., Co-PI; Materials Science &amp; Engineering</i>											
16-0113 Proposal: New	Reduced Activity Complex Concentrated Alloys for Generation IV Reactor Systems	Research - Applied	Materials Research Corporation	Electrochemical	Federal Flow Thru	PI	1/1/2016	0	48.50%	50%	\$45,000 Submitted to Sponsor
<i>Mukherjee, S., PI; Mishra, R., Co-PI; Materials Science &amp; Engineering</i>											
16-0114 Proposal: New	Carbon Nanotube Reinforced Aluminum Matrix Composites by Friction Stir Processing	Research - Applied	Materials Research Corporation	Electrochemical	Federal Flow Thru	PI	1/1/2016	0	48.50%	50%	\$45,000 Submitted to Sponsor

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	<b>Mukherjee, Sundeep</b>							<b>\$461,390</b>	
<b>Wang, Zhiqiang</b>											
16-0110 Proposal: New	American Chemical Society Petroleum Research Fund Directorate (New Direction)	Research - Applied	American Chemical Society	Not for Profit	PI	9/1/2016	2	0.00%	100%	\$110,000	Submitted to Sponsor
		Totals for	<b>Wang, Zhiqiang</b>							<b>\$110,000</b>	
<b>Xia, Zhenhai</b>											
<i>Xia, Z., PI; Materials Science &amp; Engineering; Xia, Z., Co-PI; Chemistry</i>											
16-0080 Proposal: New	Collaborative Research: 3D Nanoarchitected Metal-free Bifunctional Catalysts for Oxygen Reduction and Evolution	Research - Applied	National Science Foundation - NSF	Federal	PI	7/1/2016	3	48.50%	80%	\$195,079	Submitted to Sponsor
<i>Xia, Z., PI; Materials Science &amp; Engineering; Xia, Z., Co-PI; Chemistry</i>											
16-0089 Proposal: New	Collaborative Research: Adhesive Carbon Nanotube Meshes as Conductive Binder for Battery Application	Research - Applied	National Science Foundation - NSF	Federal	PI	6/1/2016	3	48.50%	80%	\$120,000	Submitted to Sponsor
<i>Xia, Z., PI; Materials Science &amp; Engineering; Xia, Z., Co-PI; Chemistry</i>											
16-0103 Proposal: New	Carbon Nanomaterials for Metal-Free Photocatalysis	Research - Applied	Case Western Reserve University	Foundation Flow Thru	PI	7/1/2016	3	0.00%	80%	\$240,000	Submitted to Sponsor
<i>Xia, Z., Co-PI; Materials Science &amp; Engineering; Shi, S., PI; Mechanical &amp; Energy Engineering; Xia, Z., Co-PI; Chemistry</i>											
16-0129 Proposal: New	In situ magnetization during the carbonization of biomass for activated carbon	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	6/1/2016	3	48.50%	32%	\$123,576	Submitted to Sponsor
<i>Xia, Z., PI; Materials Science &amp; Engineering; Xia, Z., Co-PI; Chemistry</i>											
16-0140 Proposal: New	Collaborative Research: Exploring New Design Principles of Capacitors by Tuning Graphene Oxide Structures	Research - Applied	National Science Foundation - NSF	Federal	PI	6/1/2016	3	48.50%	80%	\$205,553	Submitted to Sponsor

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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*Xia, Z., Co-PI; Mishra, R., PI; Du, J., Co-PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry*

16-0142 Proposal: New	Engineered Materials and Materials Design of Engineered Materials.	Research - Applied	Northeastern University	Federal Flow Thru	Co-PI	8/31/2015	1	48.50%	36%	\$36,000	Funded
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Totals for **Xia, Zhenhai** **\$920,208**

### Young, Marcus

*Young, M., Co-PI; Aouadi, S., PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics*

16-0134 Proposal: New	Collaborative Research: Surface Modification at the Nano- and Micro-scale for Improved Osseointegration	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	9/1/2016	3	48.50%	50%	\$188,852	Submitted to Sponsor
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*Young, M., PI; Aouadi, S., Co-PI; Banerjee, R., Co-PI; Materials Science & Engineering; Aouadi, S., Co-PI; Physics*

16-0141 Proposal: New	Understanding Degradation Mechanisms of Silver-Plated Cultural Heritage Objects	Research - Applied	National Science Foundation - NSF	Federal	PI	9/1/2016	3	48.50%	65%	\$297,259	Submitted to Sponsor
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Totals for **Young, Marcus** **\$486,111**

Totals for **Materials Science & Engineering** **\$3,527,542**

### Mechanical & Energy Engineering

#### Choi, Tae-Youl

*Choi, T., PI; Horne, K., Co-PI; Mechanical & Energy Engineering*

16-0087 Proposal: New	Photothermal therapy characterization using an in vitro single-cell cancer model through experimental and computational techniques	Research - Applied	National Science Foundation - NSF	Federal	PI	6/1/2016	3	48.50%	50%	\$170,558	Submitted to Sponsor
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Totals for **Choi, Tae-Youl** **\$170,558**

#### Choi, Wonbong

*Choi, W., Co-PI; Mechanical & Energy Engineering; Choi, W., PI; Materials Science & Engineering*

16-0085 Proposal: New	Mechanistic approach to design robust electrodes of lithium-sulfur batteries for long cycle life	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	6/1/2016	3	48.50%	50%	\$151,626	Submitted to Sponsor
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<b>File Number</b>	<b>Title</b>	<b>Category</b>	<b>Sponsor</b>	<b>Sponsor Type</b>	<b>PI / Co-PI</b>	<b>Start Date</b>	<b>Duration in Years</b>	<b>FA Rate %</b>	<b>Recognition %</b>	<b>Distribution Amount</b>	<b>Status</b>
<i>Choi, W., Co-PI; Zhao, W., PI; Mechanical &amp; Energy Engineering; Choi, W., Co-PI; Materials Science &amp; Engineering</i>											
16-0128 Proposal: New	Novel Photovoltaics (PV) System Based on Lens and Mirror Concentrated Electron Multiplication	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	6/1/2015	3	48.50%	10%	\$24,759	Submitted to Sponsor
Totals for <b>Choi, Wonbong</b>										<b>\$176,384</b>	
<b>Horne, Kyle</b>											
<i>Horne, K., Co-PI; Choi, T., PI; Mechanical &amp; Energy Engineering</i>											
16-0087 Proposal: New	Photothermal therapy characterization using an in vitro single-cell cancer model through experimental and computational techniques	Research - Applied	National Science Foundation - NSF	Federal	Co-PI	6/1/2016	3	48.50%	50%	\$170,558	Submitted to Sponsor
Totals for <b>Horne, Kyle</b>										<b>\$170,558</b>	
<b>Shi, Sheldon</b>											
<i>Shi, S., PI; Mechanical &amp; Energy Engineering; Xia, Z., Co-PI; Materials Science &amp; Engineering; Xia, Z., Co-PI; Chemistry</i>											
16-0129 Proposal: New	In situ magnetization during the carbonization of biomass for activated carbon	Research - Applied	National Science Foundation - NSF	Federal	PI	6/1/2016	3	48.50%	60%	\$231,705	Submitted to Sponsor
Totals for <b>Shi, Sheldon</b>										<b>\$231,705</b>	
<b>Zhao, Weihuan</b>											
16-0120 Proposal: New	Novel Thermoelectrics Hot-Side Heat Exchanger For Vehicle Waste Heat Recovery	Research - Applied	National Science Foundation - NSF	Federal	PI	6/1/2016	3	48.50%	100%	\$273,162	Submitted to Sponsor
<i>Zhao, W., PI; Choi, W., Co-PI; Mechanical &amp; Energy Engineering; Choi, W., Co-PI; Materials Science &amp; Engineering</i>											
16-0128 Proposal: New	Novel Photovoltaics (PV) System Based on Lens and Mirror Concentrated Electron Multiplication	Research - Applied	U.S. Department of Energy - DOE	Federal	PI	6/1/2015	3	48.50%	50%	\$123,795	Submitted to Sponsor
Totals for <b>Zhao, Weihuan</b>										<b>\$396,957</b>	
Totals for <b>Mechanical &amp; Energy Engineering</b>										<b>\$1,146,161</b>	
Totals for <b>College of Engineering</b>										<b>\$7,260,948</b>	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<b>College of Information</b>											
<b>Library &amp; Information Sciences</b>											
<b>Gieringer, Morgan</b>											
16-0108 Proposal: New	Exploring Hidden Collections Sire Visit Exchange	Public Service	Council on Library and Information Resources	Not for Profit	PI	2/11/2016	0	0.00%	100%	\$1,296	Funded
Totals for <b>Gieringer, Morgan</b>										<b>\$1,296</b>	
Totals for <b>Library &amp; Information Sciences</b>										<b>\$1,296</b>	
<b>Linguistics</b>											
<b>Munshi, Sadaf</b>											
16-0109 Proposal: Resubmissio	Kashmir Manuscripts Preservation Project	Public Service	The British Library	Foreign	PI	1/1/2016	1	0.00%	100%	\$73,915	Submitted to Sponsor
Totals for <b>Munshi, Sadaf</b>										<b>\$73,915</b>	
Totals for <b>Linguistics</b>										<b>\$73,915</b>	
Totals for <b>College of Information</b>										<b>\$75,211</b>	
<b>College of Visual Arts &amp; Design</b>											
<b>Art Education &amp; Art History</b>											
<b>Lewis, Tyson</b>											
16-0150 Proposal: New	The Ethics of Education Beyond Learning Symposium	Public Service	University of Wisconsin - Madison	Not for Profit	PI	9/1/2015	1	0.00%	100%	\$30,204	Submitted to Sponsor
Totals for <b>Lewis, Tyson</b>										<b>\$30,204</b>	
Totals for <b>Art Education &amp; Art History</b>										<b>\$30,204</b>	
Totals for <b>College of Visual Arts &amp; Design</b>										<b>\$30,204</b>	
Totals for <b>UNT</b>										<b>\$16,184,726</b>	
<b>Totals for October FY2016:</b>										<b>\$16,184,726</b>	