

**Annual Expenditures Report FY2015**  
**Research Development and Services, University of North Texas**

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| Expenditures Total by College                                    | Cumulative FY2014   | Cumulative FY2015   |
|--|---------------------|---------------------|
| <a href="#">College of Arts and Sciences</a>                     | \$12,669,688        | \$12,253,985        |
| <a href="#">College of Business</a>                              | \$130,026           | \$65,371            |
| <a href="#">College of Education</a>                             | \$2,972,274         | \$3,890,503         |
| <a href="#">College of Engineering</a>                           | \$9,201,926         | \$8,201,055         |
| <a href="#">College of Information</a>                           | \$2,431,321         | \$2,530,064         |
| <a href="#">College of Merchandising Hospitality and Tourism</a> | \$6,891             | \$0                 |
| <a href="#">College of Music</a>                                 | \$14,153            | \$0                 |
| <a href="#">College of Public Affairs and Community Service</a>  | \$1,318,643         | \$1,151,084         |
| <a href="#">College of Visual Arts and Design</a>                | \$55,723            | \$26,504            |
| <a href="#">School of Journalism</a>                             | \$31,002            | \$24,317            |
| <a href="#">Other<sup>1</sup></a>                                | \$2,865,139         | \$2,924,623         |
| <b>Grand Total:</b>  | <b>\$31,696,786</b> | <b>\$31,067,505</b> |

| Expenditures Total by Category | Cumulative FY2014   | Cumulative FY2015   |
|--------------------------------|---------------------|---------------------|
| Instruction                    | \$6,246,260         | \$6,699,717         |
| Research                       | \$21,712,685        | \$20,713,414        |
| Public Service                 | \$3,701,757         | \$3,680,734         |
| Other <sup>2</sup>             | \$36,084            | -\$26,360           |
| <b>Grand Total:</b>            | <b>\$31,696,786</b> | <b>\$31,067,506</b> |

| Expenditures Total by Source of Funding | Cumulative FY2014   | Cumulative FY2015   |
|---|---------------------|---------------------|
| Federal                                 | \$23,834,218        | \$22,986,678        |
| Private                                 | \$6,070,642         | \$5,525,536         |
| State                                   | \$1,791,926         | \$2,555,292         |
| <b>Grand Total:</b>                     | <b>\$31,696,786</b> | <b>\$31,067,506</b> |

**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 Expenditures, FY2015

| Project ID  | Title   | Category       | Sponsor   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|---|----------------|---|----------------|------------|----------------------|---------------|--------------------|
| <b>UNT</b>  |   |                |   |                |            |                      |               |                    |
| <b>College of Arts &amp; Sciences</b>   |   |                |   |                |            |                      |               |                    |
| <b>Arts &amp; Sciences Student Services</b>   |   |                |   |                |            |                      |               |                    |
| <b>Beck,Debrah Ann</b>  |   |                |   |                |            |                      |               |                    |
| GS5196  | 2014-15 Joint Admission Medical Program   | Public Service | University of Texas at Austin Joint Admission Medical Program Council: Admissions Medical Program | State          | PI         | \$6,044              | 100%          | \$6,044            |
|   |   | Totals for     | <b>Beck,Debrah Ann</b>  |                |            |                      |               | <b>\$6,044</b>     |
|   |   | Totals for     | <b>Arts &amp; Sciences Student Services</b>   |                |            |                      |               | <b>\$6,044</b>     |
| <b>Biology</b>  |   |                |   |                |            |                      |               |                    |
| <b>Allen,Michael Shane</b>  |   |                |   |                |            |                      |               |                    |
| <i>Allen, M., Co-PI; Hughes, L., PI; Burlison, M., Co-PI; Thompson, R., Co-PI; Dzialowski, E., Co-PI; Chapman, K., Co-PI; Biology</i> |   |                |   |                |            |                      |               |                    |
| GP6150  | Undergraduate Science Education 2010 - Core Proposal  | Research       | Howard Hughes Medical Institute   | Private        | Co-PI      | \$93,081             | 15%           | \$13,962           |
|   |   | Totals for     | <b>Allen,Michael Shane</b>  |                |            |                      |               | <b>\$13,962</b>    |
| <b>Atkinson,Samuel F</b>  |   |                |   |                |            |                      |               |                    |
| G70933  | Aquatic Macrophyte Restoration Project, Lake Austin and Town Lake, Texas                              | Research       | City of Austin  | Private        | PI         | \$38,289             | 100%          | \$38,289           |
| <i>Atkinson, S., Co-PI; Biology; Nagaoka, L., PI; Wolverson, S., Co-PI; Pan, F., Co-PI; Geography</i>                                 |   |                |   |                |            |                      |               |                    |
| GF1711  | Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages        | Research       | National Science Foundation   | Federal        | Co-PI      | \$20,327             | 10%           | \$2,033            |
| GF2676  | USAE Research & Development Center  | Research       | U.S. Army Corps of Engineers  | Federal        | PI         | \$29,646             | 100%          | \$29,646           |
| GF2687  | IPA for Dian Smith, Involves the Planning and Conducting of Pond/Mesocosm Research Specifically       | Research       | U.S. Army Corps of Engineers  | Federal        | PI         | \$80,306             | 100%          | \$80,306           |
| GF4220  | Field Surveys to Assess the Persistence of Bumble Bee Species (Bombus spp.) in Northeast Texas        | Research       | Texas Parks and Wildlife Department   | Federal        | PI         | \$10,814             | 100%          | \$10,814           |
| GF4247  | Additional Deepwater Plantings  | Research       | Texas Adjutant Generals Department  | Federal        | PI         | \$2,250              | 100%          | \$2,250            |
| GP6274  | Native Plant Restoration of the Trinity River Trails and other Areas Along the Trinity River Corridor | Public Service | Trinity Commons Foundation  | Private        | PI         | \$10,528             | 100%          | \$10,528           |
| GP6437  | Gaylord Mitigation Pond   | Public Service | Tri Dal, Ltd  | Private        | PI         | \$7,321              | 100%          | \$7,321            |

| Project ID  | Title  | Category | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|----------|--|----------------|------------|----------------------|---------------|--------------------|
| GP7618  | Production and Management of a Diverse Native Plant Community for the Wetlands on the City of Grand Prairie's Landfill   | Research | City of Grand Prairie  | Private        | PI         | \$8,392              | 100%          | \$8,392            |
| GP7625  | Preservation of Big Spring-925 Pemberton   | Research | City of Dallas   | Private        | PI         | \$27,255             | 100%          | \$27,255           |
| GP7629  | Year 3 - Native Plant Communities for Wetlands on the City of Grand Prairie Landfill   | Research | City of Grand Prairie  | Private        | PI         | \$51,841             | 100%          | \$51,841           |
| GS5149  | Lake Conroe Task 2   | Research | San Jacinto River Authority                                    | State          | PI         | \$1,193              | 100%          | \$1,193            |
| GS5163  | Mitigation Benefits - Making a Difference with Strategic Inter-Resource Agency Planning  | Research | Texas Department of Transportation                             | State          | PI         | -\$995               | 100%          | (\$995)            |
| GS5178  | Lamar Lake and Lake Neff Aquatic Ecosystem Restoration - Camp Maxey, Texas   | Research | Texas Adjutant Generals Department                             | State          | PI         | \$26,294             | 100%          | \$26,294           |
| <i>Atkinson, S., Co-PI; Reyna, K., PI; Johnson, J., Co-PI; Steigman, K., Co-PI; Biology; Wolverson, S., Co-PI; Geography</i>                |  |          |  |                |            |                      |               |                    |
| GS6031  | Utility of a Soft-Release Technique for Restoring Northern Bobwhites while Quantifying Habitat and Genetic Diversity on Release Sites  | Research | Texas A&M AgriLife Extension Service                           | State          | Co-PI      | \$90,754             | 20%           | \$18,151           |
| Totals for  |  |          | <b>Atkinson, Samuel F</b>                                      |                |            |                      |               | <b>\$313,318</b>   |
| <b>Ayre, Brian G</b>  |  |          |  |                |            |                      |               |                    |
| <i>Ayre, B., Co-PI; Biology; D'Souza, N., PI; Mechanical &amp; Energy Engineering; D'Souza, N., PI; Materials Science &amp; Engineering</i> |  |          |  |                |            |                      |               |                    |
| GF1556  | Collaborative Research: Characterization and Modeling of Natural Fiber Polymer Matrix Composites for Correlating Natural Fiber/Matrix Morphology                             | Research | National Science Foundation                                    | Federal        | Co-PI      | \$3,258              | 50%           | \$1,629            |
| <i>Ayre, B., PI; Shulaev, V., Co-PI; Biology</i>  |  |          |  |                |            |                      |               |                    |
| GF1607  | Collaborative Research: Integrating Two Different Roles of the Proton-Pumping Pyrophosphatase in the Regulation and Efficiency of Carbon Utilization and Transport in Planta | Research | National Science Foundation                                    | Federal        | PI         | \$99,890             | 50%           | \$49,945           |
| <i>Ayre, B., PI; Chapman, K., Co-PI; Biology</i>  |  |          |  |                |            |                      |               |                    |
| GP6273  | Regulation of Growth Habit in Complex Sympodial Plants: Applying the Tomato Model to Cotton  | Research | US Israel Binational Agricultural Research & Development- BARD | Private        | PI         | \$66,290             | 90%           | \$59,661           |
| GP6374  | Virus Induced Flowering in Photoperiod-Sensitive Cotton to Facilitate Introgression of Ancestral Traits into Modern Breeding Lines   | Research | Cotton Incorporated  | Private        | PI         | \$26,950             | 100%          | \$26,950           |
| GP6457  | Virus Induced Flowering in Photoperiod-Sensitive Cotton: Advanced Genetic Tools for Testing Hypotheses and Manipulating Cotton Traits  | Research | Cotton Incorporated  | Private        | PI         | \$23,314             | 100%          | \$23,314           |
| GP6458  | Development of Virus-Induced Flowering to Benefit Breeding Between Domesticated and Photoperiodic Sorghum  | Research | United Sorghum Checkoff  | Private        | PI         | \$3,935              | 100%          | \$3,935            |

| Project ID  | Title  | Category   | Sponsor                                  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|------------|--|----------------|------------|----------------------|---------------|--------------------|
|   |  | Totals for | <b>Ayre,Brian G</b>                      |                |            |                      |               | <b>\$165,434</b>   |
| <b>Azad,Rajeev Kumar</b>  |  |            |  |                |            |                      |               |                    |
| <i>Azad, R., Co-PI; Mittler, R., PI; Shulaev, V., Co-PI; Biology; Azad, R., Co-PI; Mathematics</i>                                    |  |            |  |                |            |                      |               |                    |
| GF1681  | Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress  | Research   | National Science Foundation              | Federal        | Co-PI      | \$148,932            | 17.4%         | \$25,914           |
|   |  | Totals for | <b>Azad,Rajeev Kumar</b>                 |                |            |                      |               | <b>\$25,914</b>    |
| <b>Brumbley,Stevens M</b>   |  |            |  |                |            |                      |               |                    |
| GF1701  | Travel Grant for US Scientist to Attend the 14th Biannual International Symposium for Biopolymers                              | Research   | National Science Foundation              | Federal        | PI         | \$12,842             | 100%          | \$12,842           |
| <i>Brumbley, S., PI; Chen, F., Co-PI; Dixon, R., Co-PI; Biology</i>   |  |            |  |                |            |                      |               |                    |
| GF4238  | Plant-based Sesquiterpenes   | Research   | Chromatin, Inc.                          | Federal        | PI         | \$70,357             | 50%           | \$35,178           |
| GS5189  | Rainbow Plants- A Tool to Report on Signaling Pathways and Gene Expression in Automated High-Throughput Phenotyping Facilities | Research   | Texas A&M AgriLife Extension Service     | State          | PI         | \$12,191             | 100%          | \$12,191           |
|   |  | Totals for | <b>Brumbley,Stevens M</b>                |                |            |                      |               | <b>\$60,211</b>    |
| <b>Burggren,Warren W</b>  |  |            |  |                |            |                      |               |                    |
| GF1551  | Developmental Co-dependence and Embryonic Programming of Cardiac and Renal Systems Function in Vertebrates - II                | Research   | National Science Foundation              | Federal        | PI         | \$218,068            | 100%          | \$218,068          |
| <i>Burggren, W., Co-PI; Crossley II, D., PI; Roberts, A., Co-PI; Biology</i>  |  |            |  |                |            |                      |               |                    |
| GP6450  | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)                                | Research   | University of Miami - School of Medicine | Private        | Co-PI      | \$216,698            | 33%           | \$71,510           |
| <i>Burggren, W., Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Biology</i>  |  |            |  |                |            |                      |               |                    |
| GP6453  | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)                                | Research   | University of Miami - School of Medicine | Private        | Co-PI      | \$27,316             | 33%           | \$9,014            |
| GP6455  | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)                                | Research   | University of Miami - School of Medicine | Private        | PI         | \$10,420             | 100%          | \$10,420           |
|   |  | Totals for | <b>Burggren,Warren W</b>                 |                |            |                      |               | <b>\$309,013</b>   |
| <b>Burleson,Mark</b>  |  |            |  |                |            |                      |               |                    |
| <i>Burleson, M., Co-PI; Hughes, L., PI; Thompson, R., Co-PI; Dzialowski, E., Co-PI; Chapman, K., Co-PI; Allen, M., Co-PI; Biology</i> |  |            |  |                |            |                      |               |                    |
| GP6150  | Undergraduate Science Education 2010 - Core Proposal   | Research   | Howard Hughes Medical Institute          | Private        | Co-PI      | \$93,081             | 15%           | \$13,962           |
| GP6369  | In Vitro Metabolism of an Industrial Chemical  | Research   | Solvay Engineered Polymers               | Private        | PI         | \$8,559              | 100%          | \$8,559            |
|   |  | Totals for | <b>Burleson,Mark</b>                     |                |            |                      |               | <b>\$22,521</b>    |
| <b>Chapman,Kent D</b>   |  |            |  |                |            |                      |               |                    |
| G72501  | Amidase-mediated Modulation of N-Acylethanolamine (NAE) Signaling Pathway in Plants  | Research   | U.S. Department of Energy                | Federal        | PI         | \$177,052            | 100%          | \$177,052          |

| Project ID  | Title  | Category       | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|----------------|--|----------------|------------|----------------------|---------------|--------------------|
| GF1678  | NSF IPA  | Public Service | National Science Foundation                                    | Federal        | PI         | \$136,847            | 100%          | \$136,847          |
| <i>Chapman, K., PI; Thompson, R., Co-PI; Biology</i>  |  |                |  |                |            |                      |               |                    |
| GF2600  | Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants   | Research       | U.S. Department of Energy                                      | Federal        | PI         | \$173,356            | 75%           | \$130,017          |
| GF2689  | Regulation of Neutral Lipid Metabolism in Plants - Support for DOE Project GF2600  | Research       | U.S. Department of Agriculture                                 | Federal        | PI         | \$20,481             | 100%          | \$20,481           |
| <i>Chapman, K., Co-PI; Hughes, L., PI; Burluson, M., Co-PI; Thompson, R., Co-PI; Dzialowski, E., Co-PI; Allen, M., Co-PI; Biology</i> |  |                |  |                |            |                      |               |                    |
| GP6150  | Undergraduate Science Education 2010 - Core Proposal   | Research       | Howard Hughes Medical Institute                                | Private        | Co-PI      | \$93,081             | 10%           | \$9,308            |
| GP6158  | The Involvement of N-Acylethanolamines in Signal Transduction of Microbial Associated Molecular Pattern (MAMPs) Perception | Research       | US Israel Binational Agricultural Research & Development- BARD | Private        | PI         | -\$107               | 100%          | (\$107)            |
| <i>Chapman, K., Co-PI; Ayre, B., PI; Biology</i>  |  |                |  |                |            |                      |               |                    |
| GP6273  | Regulation of Growth Habit in Complex Sympodial Plants: Applying the Tomato Model to Cotton                                | Research       | US Israel Binational Agricultural Research & Development- BARD | Private        | Co-PI      | \$66,290             | 10%           | \$6,629            |
| GP6366  | Manipulation of Cottonseed Reserves  | Research       | Cotton Incorporated  | Private        | PI         | \$34,549             | 100%          | \$34,549           |
| GP6443  | Engineering Seed Value in Cotton - Strategies to Modify Seed Protein Reserves in Cotton                                    | Research       | Cotton Incorporated  | Private        | PI         | \$60,275             | 100%          | \$60,275           |
|   |  | Totals for     | <b>Chapman,Kent D</b>  |                |            |                      |               | <b>\$575,050</b>   |
| <b>Chen,Fang</b>  |  |                |  |                |            |                      |               |                    |
| <i>Chen, F., Co-PI; Dixon, R., PI; Biology</i>  |  |                |  |                |            |                      |               |                    |
| GF4183  | Bioenergy Sciences Center  | Research       | UT-Battelle, LLC   | Federal        | Co-PI      | \$283,374            | 50%           | \$141,687          |
| <i>Chen, F., Co-PI; Brumbley, S., PI; Dixon, R., Co-PI; Biology</i>   |  |                |  |                |            |                      |               |                    |
| GF4238  | Plant-based Sesquiterpenes   | Research       | Chromatin, Inc.  | Federal        | Co-PI      | \$267,455            | 25%           | \$66,864           |
|   |  | Totals for     | <b>Chen,Fang</b>   |                |            |                      |               | <b>\$208,551</b>   |
| <b>Crossley II,Dane Alan</b>  |  |                |  |                |            |                      |               |                    |
| GF1569  | Maturation of Cardiovascular Physiology in Embryonic Reptiles  | Research       | National Science Foundation                                    | Federal        | PI         | \$125,921            | 100%          | \$125,921          |
| <i>Crossley II, D., PI; Burggren, W., Co-PI; Roberts, A., Co-PI; Biology</i>  |  |                |  |                |            |                      |               |                    |
| GP6450  | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)                            | Research       | University of Miami - School of Medicine                       | Private        | PI         | \$216,698            | 33%           | \$71,510           |
| <i>Crossley II, D., Co-PI; Reyna, K., PI; Johnson, J., Co-PI; Biology</i>   |  |                |  |                |            |                      |               |                    |
| GP6453  | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)                            | Research       | University of Miami - School of Medicine                       | Private        | Co-PI      | \$27,316             | 33%           | \$9,014            |

| <b>Project ID</b>   | <b>Title</b>   | <b>Category</b> | <b>Sponsor</b>                             | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |                  |
|---|--|-----------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|------------------|
| <i>Crossley II, D., Co-PI; Reyna, K., PI; Johnson, J., Co-PI; Biology</i> |  |                 |  |                       |                   |                             |                      |                           |                  |
| GS6032  | Environmental Neonicotinoid Effects on Northern Bobwhites Integrating Functional Measurements Throughout Their Life History with Genomic Quantification. | Research        | Texas A&M AgriLife Extension Service       | State                 | Co-PI             | \$44,943                    | 33.3%                | \$14,966                  |                  |
|   |  | Totals for      | <b>Crossley II,Dane Alan</b>               |                       |                   |                             |                      |                           | <b>\$221,412</b> |
| <b>Dickstein,Rebecca</b>  |  |                 |  |                       |                   |                             |                      |                           |                  |
| GF1516  | Collaborative Research: Putative Nitrate Transporter Regulates Symbiotic Nodule Development  | Research        | National Science Foundation                | Federal               | PI                | \$51,403                    | 100%                 | \$51,403                  |                  |
| GF4131  | GEPR: Genetic and Cellular Dissection of Mutualistic Plant-Cicrobe Symbioses in Medicago Truncatula  | Research        | Samuel Roberts Noble Foundation, Inc.      | Federal               | PI                | \$169,273                   | 100%                 | \$169,273                 |                  |
| GF4174  | GEPR: Genetic and Cellular Dissection of Mutualistic Plant-Cicrobe Symbioses in Medicago Truncatula  | Research        | Samuel Roberts Noble Foundation, Inc.      | Federal               | PI                | \$32,883                    | 100%                 | \$32,883                  |                  |
|   |  | Totals for      | <b>Dickstein,Rebecca</b>                   |                       |                   |                             |                      |                           | <b>\$253,559</b> |
| <b>Dixon,Richard Arthur</b>   |  |                 |  |                       |                   |                             |                      |                           |                  |
| GF0502  | Deciphering Proanthocyanidin Biosynthesis in Alfalfa   | Research        | National Institute of Food and Agriculture | Federal               | PI                | \$37,078                    | 100%                 | \$37,078                  |                  |
| GF4171  | Brain Bioactive Polyphenols as Disease-Modifying Agents in Alzheimer's Disease   | Research        | Mount Sinai School of Medicine             | Federal               | PI                | \$102                       | 100%                 | \$102                     |                  |
| GF4181  | Metabolomics: Advancing the Scientific Promise to Better Understand Plant Specialized Metabolism for a Low Carbon Society                                | Research        | Samuel Roberts Noble Foundation, Inc.      | Federal               | PI                | \$85,590                    | 100%                 | \$85,590                  |                  |
| GF4182  | Plants Engineered to Replace Oil: Energy Plant Design  | Research        | University of California, Los Angeles      | Federal               | PI                | \$65,985                    | 100%                 | \$65,985                  |                  |
| <i>Dixon, R., PI; Chen, F., Co-PI; Biology</i>                            |  |                 |  |                       |                   |                             |                      |                           |                  |
| GF4183  | Bioenergy Sciences Center  | Research        | UT-Battelle, LLC                           | Federal               | PI                | \$283,374                   | 50%                  | \$141,687                 |                  |
| <i>Dixon, R., Co-PI; Brumbley, S., PI; Chen, F., Co-PI; Biology</i>       |  |                 |  |                       |                   |                             |                      |                           |                  |
| GF4238  | Plant-based Sesquiterpenes   | Research        | Chromatin, Inc.                            | Federal               | Co-PI             | \$70,357                    | 25%                  | \$17,589                  |                  |
| <i>Dixon, R., Co-PI; Brumbley, S., PI; Chen, F., Co-PI; Biology</i>       |  |                 |  |                       |                   |                             |                      |                           |                  |
| GF4238  | Plant-based Sesquiterpenes   | Research        | Chromatin, Inc.                            | Federal               | PI                | \$197,098                   | 75%                  | \$147,823                 |                  |
| GP6331  | Molecular Approaches to Improved Protein Utilization in Alfalfa  | Research        | Forage Genetics International              | Private               | PI                | \$142,632                   | 100%                 | \$142,632                 |                  |
| GP6433  | Condensed Tannin Expression in Row Crops   | Research        | Grasslanz Technology Limited (GTL)         | Private               | PI                | \$67,627                    | 100%                 | \$67,627                  |                  |
|   |  | Totals for      | <b>Dixon,Richard Arthur</b>                |                       |                   |                             |                      |                           | <b>\$706,113</b> |

**Dong,Qunfeng**

| Project ID   | Title   | Category | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------|--|----------------|------------|----------------------|---------------|--------------------|
| GF4034   | Lung Microbiome and Pulmonary Inflammation/Immunity in HIV Infection  | Research | Indiana University School of Medicine                    | Federal        | PI         | \$0                  | 100%          | \$0                |
| <i>Dong, Q., PI; Computer Science &amp; Engineering; Chemistry</i>   |   |          |  |                |            |                      |               |                    |
| GF4144   | Diversity of Dynamic Stability of the Ocular Surface Microbiome   | Research | University of Washington                                 | Federal        | PI         | \$207                | 100%          | \$124              |
| <i>Dong, Q., PI; Biology; Computer Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GF4176   | Natural Variation and Drought Response in Developing Maize Inflorescence                                      | Research | Iowa State University                                    | Federal        | Co-PI      | \$55,930             | 60%           | \$33,558           |
| <i>Dong, Q., PI; Biology; Computer Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GF4176   | Natural Variation and Drought Response in Developing Maize Inflorescence                                      | Research | Iowa State University                                    | Federal        | PI         | \$30,206             | 60%           | \$18,124           |
| <i>Dong, Q., PI; Biology; Computer Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GF4202   | Genomic Analysis of Immunity and Chronic Lung Inflammation in HIV Infection                                   | Research | Indiana University-Purdue University Indianapolis        | Federal        | PI         | -\$75                | 60%           | (\$45)             |
| <i>Dong, Q., PI; Biology; Computer Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GF4205   | Lung Microbiome Project 5 Year  | Research | Indiana University-Purdue University Indianapolis        | Federal        | PI         | -\$207               | 100%          | (\$124)            |
| <i>Dong, Q., PI; Biology; Computer Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GP6373   | Mechanism of Microbiome-included Insulin Resistance in Humans   | Research | University of Texas Health Science Center at San Antonio | Private        | PI         | -\$96                | 60%           | (\$58)             |
| Totals for <b>Dong, Qunfeng</b>  |   |          |  |                |            |                      |               | <b>\$51,579</b>    |
| <b>Dzialowski, Edward Michael</b>  |   |          |  |                |            |                      |               |                    |
| GF1622   | Ontogeny of Endothermy's Cellular Furnace   | Research | National Science Foundation                              | Federal        | PI         | \$237,826            | 100%          | \$237,826          |
| <i>Dzialowski, E., Co-PI; Hughes, L., PI; Bursleson, M., Co-PI; Thompson, R., Co-PI; Chapman, K., Co-PI; Allen, M., Co-PI; Biology</i> |   |          |  |                |            |                      |               |                    |
| GP6150   | Undergraduate Science Education 2010 - Core Proposal  | Research | Howard Hughes Medical Institute                          | Private        | Co-PI      | \$93,081             | 15%           | \$13,962           |
| Totals for <b>Dzialowski, Edward Michael</b>   |   |          |  |                |            |                      |               | <b>\$251,789</b>   |
| <b>Goven III, Arthur J</b>   |   |          |  |                |            |                      |               |                    |
| GF4176   | Natural Variation and Drought Response in Developing Maize Inflorescence                                      | Research | Iowa State University                                    | Federal        | PI         | -\$37                | 100%          | (\$37)             |
| GP6397   | Thailand Medical Plant Research Program   | Research | The Kanshi Ram Memorial Arora (KARMA) Foundation         | Private        | PI         | \$5,000              | 100%          | \$5,000            |
| Totals for <b>Goven III, Arthur J</b>  |   |          |  |                |            |                      |               | <b>\$4,963</b>     |
| <b>Hoeninghaus, David Joseph</b>   |   |          |  |                |            |                      |               |                    |
| GF4253   | Quantification of Alligator Gar Recruitment Dynamics Using a River Stage Specific Floodplain Inundation Model | Research | Wildlife Management Institute, Inc.                      | Federal        | PI         | \$23,027             | 100%          | \$23,027           |

| Project ID   | Title  | Category       | Sponsor   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |                 |
|--|--|----------------|---|----------------|------------|----------------------|---------------|--------------------|-----------------|
| <i>Hoeninghaus, D., Co-PI; Thompson, R., Co-PI; Biology; Wan, Y., PI; Acevedo, M., Co-PI; Fu, S., Co-PI; Electrical Engineering</i>              |  |                |   |                |            |                      |               |                    |                 |
| GP6333   | Summer Training Experience for K-12 Teachers in Control Engineering                                      | Instruction    | Institute of Electrical & Electronics Engineers         | Private        | Co-PI      | \$1,100              | 20%           | \$220              |                 |
|  |  | Totals for     | <b>Hoeninghaus,David Joseph</b>                         |                |            |                      |               |                    | <b>\$23,247</b> |
| <b>Huggett,Duane B</b>   |  |                |   |                |            |                      |               |                    |                 |
| GP6212   | In Vitro Metabolism of Siloxanes   | Research       | Dow Corning Corporation                                 | Private        | PI         | \$2,633              | 100%          | \$2,633            |                 |
| GP6309   | In Vitro Metabolism of AN2   | Research       | Wildlife International Ltd.                             | Private        | PI         | \$1,190              | 100%          | \$1,190            |                 |
| GP6402   | Non-GLP In Vitro Metabolism of HTQ   | Research       | Wildlife International Ltd.                             | Private        | PI         | \$1,789              | 100%          | \$1,789            |                 |
|  |  | Totals for     | <b>Huggett,Duane B</b>                                  |                |            |                      |               |                    | <b>\$5,612</b>  |
| <b>Hughes,Lee E</b>  |  |                |   |                |            |                      |               |                    |                 |
| <i>Hughes, L., Co-PI; Harrell, P., PI; Littler, K., Co-PI; Weller, K., Co-PI; Mason, D., Co-PI; Teacher Education &amp; Administration</i>       |  |                |   |                |            |                      |               |                    |                 |
| G72301   | Science and Mathematics Robert Noyce Scholarships  | Others         | National Science Foundation                             | Federal        | Co-PI      | -\$26,360            | 20%           | (\$5,272)          |                 |
| <i>Hughes, L., Co-PI; Biology; Eddy, C., PI; Harrell, P., Co-PI; Teacher Education &amp; Administration; Quintanilla, J., Co-PI; Mathematics</i> |  |                |   |                |            |                      |               |                    |                 |
| GF1557   | UNT Science and Mathematics Robert Noyce Scholarship   | Public Service | National Science Foundation                             | Federal        | Co-PI      | \$218,964            | 6%            | \$13,138           |                 |
| <i>Hughes, L., PI; Padilla, P., Co-PI; Biology; Wilson, A., Co-PI; Chemistry</i>   |  |                |   |                |            |                      |               |                    |                 |
| GF1673   | Fostering Outstanding Cohorts in Undergraduate Science II  | Instruction    | National Science Foundation                             | Federal        | PI         | \$104,345            | 33.34%        | \$34,789           |                 |
| <i>Hughes, L., PI; Burleson, M., Co-PI; Thompson, R., Co-PI; Dzialowski, E., Co-PI; Chapman, K., Co-PI; Allen, M., Co-PI; Biology</i>            |  |                |   |                |            |                      |               |                    |                 |
| GP6150   | Undergraduate Science Education 2010 - Core Proposal   | Research       | Howard Hughes Medical Institute                         | Private        | PI         | \$93,081             | 30%           | \$27,924           |                 |
|  |  | Totals for     | <b>Hughes,Lee E</b>                                     |                |            |                      |               |                    | <b>\$70,579</b> |
| <b>Hunt Von Herbing,Ione V</b>   |  |                |   |                |            |                      |               |                    |                 |
| GP6365   | Support for Continuing Research on a Genetically Modified Probiotic to Treat PKU                         | Research       | National Society for Phenylketonuria                    | Private        | PI         | \$1,018              | 100%          | \$1,018            |                 |
| GP6404   | Effect if PKU on the Gut Microbiome and Its Implications for Probiotic Therapy                           | Research       | University of North Texas Health Science at Forth Worth | Private        | PI         | \$8,647              | 100%          | \$8,647            |                 |
| GP6429   | Humanized GMO Probiotic for the Treatment of PKU   | Research       | University of North Texas Health Science at Forth Worth | Private        | PI         | \$27,272             | 100%          | \$27,272           |                 |
| GP6435   | Probiotics as an Alternative to Antibiotics to Improve Growth and Survival in Marine Finfish Aquaculture | Research       | New Venture Fund  | Private        | PI         | \$22,471             | 100%          | \$22,471           |                 |
|  |  | Totals for     | <b>Hunt Von Herbing,Ione V</b>                          |                |            |                      |               |                    | <b>\$59,408</b> |
| <b>Hunter,Bruce Allan</b>  |  |                |   |                |            |                      |               |                    |                 |



| Project ID   | Title   | Category       | Sponsor                              | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------------|--------------------------------------|----------------|------------|----------------------|---------------|--------------------|
| G70942   | Water Education -Upper Trinity Watershed Partners   | Public Service | City of Farmers Branch               | Private        | PI         | \$1,990              | 100%          | \$1,990            |
|  |   | Totals for     | <b>Hunter,Bruce Allan</b>            |                |            |                      |               | <b>\$1,990</b>     |
| <b>Johnson,Jeff A.</b>   |   |                |                                      |                |            |                      |               |                    |
| GF1530   | Collaborative Research: Balancing Selection and Major Histocompatibility Complex Variation in an Endangered Bird  | Research       | National Science Foundation          | Federal        | PI         | \$0                  | 100%          | \$0                |
| GF2690   | Use of Single Nucleotide Polymorphisms (SNPs) for Reconstructing the Attwater's Prairie-chicken (Tympanuchus Cupido Attwater) Captive Population Pedigree | Research       | U.S. Fish and Wildlife Service       | Federal        | PI         | \$53,108             | 100%          | \$53,108           |
| GP6343   | Phylogeography of Galapagos Short-Eared Owl (Asio Flammeus Galapagonensis) based on mtDNA Control Region Sequence Data                                    | Research       | Island Conservation                  | Private        | PI         | \$6,582              | 100%          | \$6,582            |
| GP6383   | Campus Ecology Grant  | Research       | Ecological Society of America        | Private        | PI         | \$153                | 100%          | \$153              |
| GP6399   | Assessment of Genetic Diversity in the Iowa Greater Prairie Chicken Population  | Research       | Iowa State University                | Private        | PI         | \$5,672              | 100%          | \$5,672            |
| <i>Johnson, J., Co-PI; Reyna, K., PI; Atkinson, S., Co-PI; Steigman, K., Co-PI; Biology; Wolverson, S., Co-PI; Geography</i> |   |                |                                      |                |            |                      |               |                    |
| GS6031   | Utility of a Soft-Release Technique for Restoring Northern Bobwhites while Quantifying Habitat and Genetic Diversity on Release Sites                     | Research       | Texas A&M AgriLife Extension Service | State          | Co-PI      | \$90,754             | 25%           | \$22,688           |
| <i>Johnson, J., Co-PI; Reyna, K., PI; Crossley II, D., Co-PI; Biology</i>  |   |                |                                      |                |            |                      |               |                    |
| GS6032   | Environmental Neonicotinoid Effects on Northern Bobwhites Integrating Functional Measurements Throughout Their Life History with Genomic Quantification.  | Research       | Texas A&M AgriLife Extension Service | State          | Co-PI      | \$44,943             | 33.3%         | \$14,966           |
|  |   | Totals for     | <b>Johnson,Jeff A.</b>               |                |            |                      |               | <b>\$103,169</b>   |
| <b>Kennedy,James H</b>   |   |                |                                      |                |            |                      |               |                    |
| GP6406   | Bioassessment and Habitat Assessment Monitoring Study on the Receiving Waters of Dallas/Ft. Worth International Airport                                   | Research       | DFW International Airport Board      | Private        | PI         | \$20,701             | 100%          | \$20,701           |
| GP6470   | Surveillance of Mosquito and Arbovirus/West Nile  | Research       | City of Denton                       | Private        | PI         | \$12,263             | 100%          | \$12,263           |
| GP7626   | Surveillance of mosquitoes and arboviruses including west nile virus in the City of Denton  | Research       | City of Denton                       | Private        | PI         | \$12,514             | 100%          | \$12,514           |
| GP7627   | Surveillance of Mosquitoes and arboviruses including west Nile virus in the city of Denton - student support only   | Research       | City of Denton                       | Private        | PI         | \$3,050              | 100%          | \$3,050            |
|  |   | Totals for     | <b>Kennedy,James H</b>               |                |            |                      |               | <b>\$48,528</b>    |

**Longo,Antonella**

| <b>Project ID</b>  | <b>Title</b>   | <b>Category</b> | <b>Sponsor</b>                                 | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|--|--|-----------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>Longo, A., Co-PI; Wang, X., PI; Biology</i>   |  |                 |  |                       |                   |                             |                      |                           |
| GF2695   | UGT Engineering for Detoxifying Anticancer Drug SN-38  | Research        | National Institutes of Health                  | Federal               | Co-PI             | \$15,415                    | 20%                  | \$3,083                   |
|  |  | Totals for      | <b>Longo,Antonella</b>                         |                       |                   |                             |                      | <b>\$3,083</b>            |
| <b>Mcfarlin,Brian Keith</b>  |  |                 |  |                       |                   |                             |                      |                           |
| <i>Mcfarlin, B., PI; Biology; Kinesiology, Health Promotion and Recreation</i>   |  |                 |  |                       |                   |                             |                      |                           |
| GP6300   | Do Individuals with Below Average Fitness Respond Differently to Wellmune WGP Supplementation Prior to Exercise in a Hot, Humid Environment? | Research        | Biothera, Inc.                                 | Private               | PI                | \$46,112                    | 10%                  | \$4,611                   |
| <i>Mcfarlin, B., PI; Biology; Kinesiology, Health Promotion and Recreation</i>   |  |                 |  |                       |                   |                             |                      |                           |
| GP6317   | Comparing the Metabolic Effects of Exercise on the Fish and Kangaroo Machine Versus Cycling?   | Research        | Fish and Kangaroo Machine                      | Private               | PI                | \$975                       | 10%                  | \$98                      |
| <i>Mcfarlin, B., PI; Vingren, J., Co-PI; Biology; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation</i> |  |                 |  |                       |                   |                             |                      |                           |
| GP6325   | To Determine the Dosing Pattern for IgY along with Appropriate Biomarkers for Detection in Serum   | Research        | IGY Immune Technologies & Life Sciences, Inc.  | Private               | PI                | \$114                       | 6%                   | \$7                       |
| <i>Mcfarlin, B., PI; Biology; Kinesiology, Health Promotion and Recreation</i>   |  |                 |  |                       |                   |                             |                      |                           |
| GP6328   | The Effect of Different Types of Under Armour Heat Shirts on Body Temperature and Heat Loss Potential in a Sustained Exercise Model          | Research        | Under Armour, Inc.                             | Private               | PI                | -\$10                       | 10%                  | (\$1)                     |
| <i>Mcfarlin, B., PI; Vingren, J., Co-PI; Biology; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation</i> |  |                 |  |                       |                   |                             |                      |                           |
| GP6413   | How Does Curcumin Alter Recovery and Inflammation After Muscle Damage?   | Research        | National Strength and Conditioning Association | Private               | PI                | \$13,750                    | 5%                   | \$688                     |
| <i>Mcfarlin, B., PI; Hill, D., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation</i>                               |  |                 |  |                       |                   |                             |                      |                           |
| GP6419   | Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure   | Research        | Bergstrom Nutrition                            | Private               | PI                | \$98,412                    | 5%                   | \$4,921                   |
| <i>Mcfarlin, B., PI; Biology;Mcfarlin, B., PI; Kinesiology, Health Promotion and Recreation</i>  |  |                 |  |                       |                   |                             |                      |                           |
| GP6467   | The Effects of 8-weeks of Vitamin K2 Supplementation on Cardiovascular Performance   | Research        | Nu Science                                     | Private               | PI                | \$3,798                     | 10%                  | \$380                     |
|  |  | Totals for      | <b>Mcfarlin,Brian Keith</b>                    |                       |                   |                             |                      | <b>\$10,702</b>           |
| <b>Mittler,Ron</b>   |  |                 |  |                       |                   |                             |                      |                           |
| GF1570   | NSF Grant IOS-1063287 - ROS as Mediators of Rapid Long-Distance Self-Propagating Signals   | Research        | National Science Foundation                    | Federal               | PI                | \$53,273                    | 100%                 | \$53,273                  |
| <i>Mittler, R., PI; Azad, R., Co-PI; Shulaev, V., Co-PI; Biology; Azad, R., Co-PI; Mathematics</i>                                       |  |                 |  |                       |                   |                             |                      |                           |
| GF1681   | Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress  | Research        | National Science Foundation                    | Federal               | PI                | \$148,932                   | 42%                  | \$62,551                  |
|  |  | Totals for      | <b>Mittler,Ron</b>                             |                       |                   |                             |                      | <b>\$115,825</b>          |
| <b>Padilla,Pamela A</b>  |  |                 |  |                       |                   |                             |                      |                           |
| G72398   | CAREER: Use of C. Elegans to Identify Alleles and Genotypes that Modulate Severe Anoxia Survival   | Research        | National Science Foundation                    | Federal               | PI                | \$464                       | 100%                 | \$464                     |

| Project ID   | Title  | Category                     | Sponsor                                  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|------------------------------|--|----------------|------------|----------------------|---------------|--------------------|
| <i>Padilla, P., Co-PI; Hughes, L., PI; Biology; Wilson, A., Co-PI; Chemistry</i>   |  |                              |  |                |            |                      |               |                    |
| GF1673   | Fostering Outstanding Cohorts in Undergraduate Science II  | Instruction                  | National Science Foundation              | Federal        | Co-PI      | \$104,345            | 33.33%        | \$34,778           |
| Totals for   |  | <b>Padilla,Pamela A</b>      |  |                |            |                      |               | <b>\$35,243</b>    |
| <b>Reyna,Kelly Shane</b>   |  |                              |  |                |            |                      |               |                    |
| GP6313   | UNT Quail: Conservation and Education of Grassland Birds and Habitat   | Research                     | Dixon Foundation                         | Private        | PI         | \$58,487             | 100%          | \$58,487           |
| GS5187   | Clay County Quail and Grassland Bird Habitat Corridor  | Research                     | Texas Parks and Wildlife Department      | State          | PI         | \$117,418            | 100%          | \$117,418          |
| <i>Reyna, K., PI; Johnson, J., Co-PI; Atkinson, S., Co-PI; Steigman, K., Co-PI; Biology; Wolverson, S., Co-PI; Geography</i> |  |                              |  |                |            |                      |               |                    |
| GS6031   | Utility of a Soft-Release Technique for Restoring Northern Bobwhites while Quantifying Habitat and Genetic Diversity on Release Sites                    | Research                     | Texas A&M AgriLife Extension Service     | State          | PI         | \$90,754             | 25%           | \$22,688           |
| <i>Reyna, K., PI; Johnson, J., Co-PI; Crossley II, D., Co-PI; Biology</i>  |  |                              |  |                |            |                      |               |                    |
| GS6032   | Environmental Neonicotinoid Effects on Northern Bobwhites Integrating Functional Measurements Throughout Their Life History with Genomic Quantification. | Research                     | Texas A&M AgriLife Extension Service     | State          | PI         | \$44,943             | 33.4%         | \$15,011           |
| Totals for   |  | <b>Reyna,Kelly Shane</b>     |  |                |            |                      |               | <b>\$213,604</b>   |
| <b>Roberts,Aaron Patrick</b>   |  |                              |  |                |            |                      |               |                    |
| GF4091   | Photoenhanced Toxicity of DWH Oil to fish and Zooplankton  | Research                     | Stratus Consulting                       | Federal        | PI         | \$202,218            | 100%          | \$202,218          |
| GP6392   | PAH Phototoxicity to Plankton  | Research                     | Stratus Consulting                       | Private        | PI         | \$64,477             | 100%          | \$64,477           |
| <i>Roberts, A., Co-PI; Crossley II, D., PI; Burggren, W., Co-PI; Biology</i>   |  |                              |  |                |            |                      |               |                    |
| GP6450   | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)  | Research                     | University of Miami - School of Medicine | Private        | Co-PI      | \$216,698            | 34%           | \$73,677           |
| <i>Roberts, A., PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Biology</i>   |  |                              |  |                |            |                      |               |                    |
| GP6453   | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER)  | Research                     | University of Miami - School of Medicine | Private        | PI         | \$27,316             | 34%           | \$9,288            |
| Totals for   |  | <b>Roberts,Aaron Patrick</b> |  |                |            |                      |               | <b>\$349,660</b>   |
| <b>Shah,Jyoti</b>  |  |                              |  |                |            |                      |               |                    |
| GF0501   | Targeting Host Defense Mechanism for Enhancing FHB Resistance in Wheat   | Research                     | U.S. Department of Agriculture           | Federal        | PI         | \$48,587             | 100%          | \$48,587           |
| GF1508   | Role of Arabidopsis Thaliana TPS11 Gene and Trehalose Metabolism in Defense Against Green Peach Aphid  | Research                     | National Science Foundation              | Federal        | PI         | -\$234               | 100%          | (\$234)            |
| GF1515   | Collaborative Research: Metabolomic Profiling and Functions of Oxidized Membrane Lipids in Plant Stress Responses  | Research                     | National Science Foundation              | Federal        | PI         | -\$9                 | 100%          | (\$9)              |

| Project ID   | Title  | Category                    | Sponsor                              | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|-----------------------------|--------------------------------------|----------------|------------|----------------------|---------------|--------------------|
| <i>Shah, J., PI; Venables, B., Co-PI; Biology; Petros, R., Co-PI; Chemistry</i>  |  |                             |                                      |                |            |                      |               |                    |
| GF1612   | Dehydroabietinal Signaling in Plant Defense  | Research                    | National Science Foundation          | Federal        | PI         | \$90,991             | 60%           | \$54,594           |
| GF1690   | Collaborative Research: Lipidomic Profiling, Dynamics, and Functions of Head-Group Acylation of Membrane Lipids in Plant Stress Responses                                    | Research                    | National Science Foundation          | Federal        | PI         | \$66,363             | 100%          | \$66,363           |
| Totals for   |  | <b>Shah,Jyoti</b>           |                                      |                |            |                      |               | <b>\$169,300</b>   |
| <b>Shulaev,Vladimir</b>  |  |                             |                                      |                |            |                      |               |                    |
| <i>Shulaev, V., Co-PI; Ayre, B., PI; Biology</i>   |  |                             |                                      |                |            |                      |               |                    |
| GF1607   | Collaborative Research: Integrating Two Different Roles of the Proton-Pumping Pyrophosphatase in the Regulation and Efficiency of Carbon Utilization and Transport in Planta | Research                    | National Science Foundation          | Federal        | Co-PI      | \$99,890             | 50%           | \$49,945           |
| <i>Shulaev, V., Co-PI; Mittler, R., PI; Azad, R., Co-PI; Biology; Azad, R., Co-PI; Mathematics</i>                           |  |                             |                                      |                |            |                      |               |                    |
| GF1681   | Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress  | Research                    | National Science Foundation          | Federal        | Co-PI      | \$148,932            | 29%           | \$43,190           |
| GP6386   | Metabolomic Investigation of Cotton Fiber Quality Biomarkers   | Research                    | Cotton Incorporated                  | Private        | PI         | \$25,992             | 100%          | \$25,992           |
| GP6456   | Metabolomic Investigation of Cotton Fiber Quality Biomarkers   | Research                    | Cotton Incorporated                  | Private        | PI         | \$8,706              | 100%          | \$8,706            |
| Totals for   |  | <b>Shulaev,Vladimir</b>     |                                      |                |            |                      |               | <b>\$127,834</b>   |
| <b>Steigman,Kenneth Lee</b>  |  |                             |                                      |                |            |                      |               |                    |
| G72118   | Wetland and Prairie Restoration  | Research                    | Denton County                        | Federal        | PI         | \$8,951              | 100%          | \$8,951            |
| G72212   | Ecosystem Research at Lake Lewisville Environmental Learning Area  | Research                    | City of Lewisville                   | Federal        | PI         | \$9,107              | 100%          | \$9,107            |
| <i>Steigman, K., Co-PI; Reyna, K., PI; Johnson, J., Co-PI; Atkinson, S., Co-PI; Biology; Wolverson, S., Co-PI; Geography</i> |  |                             |                                      |                |            |                      |               |                    |
| GS6031   | Utility of a Soft-Release Technique for Restoring Northern Bobwhites while Quantifying Habitat and Genetic Diversity on Release Sites  | Research                    | Texas A&M AgriLife Extension Service | State          | Co-PI      | \$90,754             | 5%            | \$4,538            |
| Totals for   |  | <b>Steigman,Kenneth Lee</b> |                                      |                |            |                      |               | <b>\$22,595</b>    |
| <b>Tam,Nicoladie D</b>   |  |                             |                                      |                |            |                      |               |                    |
| <i>Tam, N., Co-PI; Biology; Dantu, R., PI; Computer Science &amp; Engineering</i>  |  |                             |                                      |                |            |                      |               |                    |
| GF1646   | MRI: CloudCar: Development of a Diverse Distributed Instrument for Vehicles in the Cloud   | Research                    | National Science Foundation          | Federal        | Co-PI      | \$245,501            | 10%           | \$24,550           |
| Totals for   |  | <b>Tam,Nicoladie D</b>      |                                      |                |            |                      |               | <b>\$24,550</b>    |
| <b>Thompson,Ruthanne</b>   |  |                             |                                      |                |            |                      |               |                    |
| G70769   | Environmental Education Initiative   | Instruction                 | City of Dallas                       | Private        | PI         | \$571                | 100%          | \$571              |

| Project ID   | Title  | Category    | Sponsor   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|-------------|---|----------------|------------|----------------------|---------------|--------------------|
| <i>Thompson, R., Co-PI; Chapman, K., PI; Biology</i>   |  |             |   |                |            |                      |               |                    |
| GF2600   | Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants                           | Research    | U.S. Department of Energy                       | Federal        | Co-PI      | \$173,356            | 25%           | \$43,339           |
| <i>Thompson, R., Co-PI; Hughes, L., PI; Bureson, M., Co-PI; Dzialowski, E., Co-PI; Chapman, K., Co-PI; Allen, M., Co-PI; Biology</i>     |  |             |   |                |            |                      |               |                    |
| GP6150   | Undergraduate Science Education 2010 - Core Proposal   | Research    | Howard Hughes Medical Institute                 | Private        | Co-PI      | \$93,081             | 15%           | \$13,962           |
| <i>Thompson, R., Co-PI; Hoenghaus, D., Co-PI; Biology; Wan, Y., PI; Acevedo, M., Co-PI; Fu, S., Co-PI; Electrical Engineering</i>        |  |             |   |                |            |                      |               |                    |
| GP6333   | Summer Training Experience for K-12 Teachers in Control Engineering                              | Instruction | Institute of Electrical & Electronics Engineers | Private        | Co-PI      | \$1,100              | 20%           | \$220              |
| <i>Thompson, R., PI; Biology; Harrell, P., Co-PI; Teacher Education &amp; Administration</i>   |  |             |   |                |            |                      |               |                    |
| GP6415   | TI Foundation Grant III for Teach North Texas  | Instruction | Texas Instruments Foundation                    | Private        | PI         | \$5,462              | 50%           | \$2,731            |
| GP7624   | The Dallas Environmental Education Initiative  | Instruction | City of Dallas                                  | Private        | PI         | \$496,824            | 100%          | \$496,824          |
| Totals for <b>Thompson,Ruthanne</b>  |  |             |   |                |            |                      |               | <b>\$557,648</b>   |
| <b>Venables,Barney J</b>   |  |             |   |                |            |                      |               |                    |
| <i>Venables, B., Co-PI; Biology; Wolverson, S., PI; Ferring, C., Co-PI; Geography</i>  |  |             |   |                |            |                      |               |                    |
| GF1582   | Expanding Application of Proteomics-Based Research in Archaeological Residue Analysis            | Research    | National Science Foundation                     | Federal        | Co-PI      | \$4,926              | 25%           | \$1,231            |
| <i>Venables, B., Co-PI; Shah, J., PI; Biology; Petros, R., Co-PI; Chemistry</i>  |  |             |   |                |            |                      |               |                    |
| GF1612   | Dehydroabietinal Signaling in Plant Defense  | Research    | National Science Foundation                     | Federal        | Co-PI      | \$90,991             | 27%           | \$24,567           |
| Totals for <b>Venables,Barney J</b>  |  |             |   |                |            |                      |               | <b>\$25,799</b>    |
| <b>Vingren,Jakob Langberg</b>  |  |             |   |                |            |                      |               |                    |
| <i>Vingren, J., Co-PI; Biology; Mcfarlin, B., PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation</i> |  |             |   |                |            |                      |               |                    |
| GP6325   | To Determine the Dosing Pattern for IgY along with Appropriate Biomarkers for Detection in Serum | Research    | IGY Immune Technologies & Life Sciences, Inc.   | Private        | Co-PI      | \$114                | 40%           | \$5                |
| <i>Vingren, J., PI; Biology; Kinesiology, Health Promotion and Recreation</i>  |  |             |   |                |            |                      |               |                    |
| GP6347   | Effect of Alcohol Ingestion on Resistance Exercise Induced mTOR Signaling in Muscle              | Research    | National Strength and Conditioning Association  | Private        | PI         | \$5,290              | 10%           | \$529              |
| <i>Vingren, J., PI; Biology; Kinesiology, Health Promotion and Recreation</i>  |  |             |   |                |            |                      |               |                    |
| GP6411   | Master's Grant   | Research    | National Strength and Conditioning Association  | Private        | PI         | \$7,442              | 10%           | \$744              |
| <i>Vingren, J., PI; Biology; Kinesiology, Health Promotion and Recreation</i>  |  |             |   |                |            |                      |               |                    |
| GP6412   | Effect of Post-Resistance Exercise Alcohol Ingestion on Muscle Steroid Hormone Receptors         | Research    | National Strength and Conditioning Association  | Private        | PI         | \$24,000             | 10%           | \$2,400            |
| <i>Vingren, J., Co-PI; Mcfarlin, B., PI; Biology; Vingren, J., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion and Recreation</i> |  |             |   |                |            |                      |               |                    |
| GP6413   | How Does Curcumin Alter Recovery and Inflammation After Muscle Damage?                           | Research    | National Strength and Conditioning Association  | Private        | Co-PI      | \$13,750             | 5%            | \$688              |

| Project ID   | Title   | Category       | Sponsor                                  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------------|--|----------------|------------|----------------------|---------------|--------------------|
| <i>Vingren, J., Co-PI; Mcfarlin, B., PI; Hill, D., Co-PI; Kinesiology, Health Promotion and Recreation</i> |   |                |  |                |            |                      |               |                    |
| GP6419   | Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure  | Research       | Bergstrom Nutrition                      | Private        | Co-PI      | \$83,315             | 4%            | \$3,333            |
|  |   | Totals for     | <b>Vingren, Jakob Langberg</b>           |                |            |                      |               | <b>\$7,698</b>     |
| <b>Wang, Xiaoqiang</b>   |   |                |  |                |            |                      |               |                    |
| <i>Wang, X., PI; Longo, A., Co-PI; Biology</i>   |   |                |  |                |            |                      |               |                    |
| GF2695   | UGT Engineering for Detoxifying Anticancer Drug SN-38   | Research       | National Institutes of Health            | Federal        | PI         | \$15,415             | 80%           | \$12,332           |
|  |   | Totals for     | <b>Wang, Xiaoqiang</b>                   |                |            |                      |               | <b>\$12,332</b>    |
| <b>Wright, Amanda Joy</b>  |   |                |  |                |            |                      |               |                    |
| GF1691   | CAREER: Genetic Approach to Identifying Proteins Necessary for Division Plane Orientation During Plant Development                    | Research       | National Science Foundation              | Federal        | PI         | \$42,228             | 100%          | \$42,228           |
|  |   | Totals for     | <b>Wright, Amanda Joy</b>                |                |            |                      |               | <b>\$42,228</b>    |
|  |   | Totals for     | <b>Biology</b>                           |                |            |                      |               | <b>\$5,214,022</b> |
| <b>Center For Economic Development</b>   |   |                |  |                |            |                      |               |                    |
| <b>Bomba, Michael Stephen</b>  |   |                |  |                |            |                      |               |                    |
| <i>Bomba, M., Co-PI; Pohlen, T., PI; Center For Economic Development</i>                                   |   |                |  |                |            |                      |               |                    |
| GF4211   | TxDOT Demographic Handbook Update   | Public Service | Texas A & M University System            | Federal        | Co-PI      | -\$18                | 50%           | (\$9)              |
| <i>Bomba, M., Co-PI; Center For Economic Development; Clower, T., PI; Economics</i>                        |   |                |  |                |            |                      |               |                    |
| GP7622   | Strategic Economic Development Planning: Target Industries, Clusters, and Implementation  | Research       | Garland Economic Development Partnership | Private        | Co-PI      | \$3,876              | 10%           | \$388              |
| <i>Bomba, M., Co-PI; Pohlen, T., PI; Center For Economic Development</i>                                   |   |                |  |                |            |                      |               |                    |
| GS5179   | Interagency Contract to Assist TxDOT in Implementing the Requirements of MAP-21 (P.L. 112-141)  | Research       | Texas Department of Transportation       | State          | Co-PI      | \$65,424             | 100%          | \$65,424           |
| <i>Bomba, M., Co-PI; Center For Economic Development; Pohlen, T., PI; Marketing and Logistics</i>          |   |                |  |                |            |                      |               |                    |
| GS5194   | Update of the Economic, Fiscal, and Developmental Impacts of the North Texas Tollway Authority System                                 | Research       | North Texas Tollway Authority            | State          | Co-PI      | \$14,901             | 100%          | \$14,901           |
| <i>Bomba, M., Co-PI; Pohlen, T., PI; Center For Economic Development</i>                                   |   |                |  |                |            |                      |               |                    |
| GS5197   | Preparation of Texas Strategic Maritime Plan  | Research       | Texas A & M University System            | State          | Co-PI      | \$27,738             | 100%          | \$27,738           |
| <i>Bomba, M., Co-PI; Pohlen, T., PI; Center For Economic Development</i>                                   |   |                |  |                |            |                      |               |                    |
| GS5202   | Estimating the Potential Economic Development and Property Value Impacts of a Proposed Realignment of the Western Portion of Loop 335 | Research       | Texas Department of Transportation       | State          | Co-PI      | \$46,678             | 50%           | \$23,339           |
| <i>Bomba, M., Co-PI; Center For Economic Development; Pohlen, T., PI; Marketing and Logistics</i>          |   |                |  |                |            |                      |               |                    |
| GS5204   | NEPA Reporting Synthesis of State Practices   | Research       | Texas Department of Transportation       | State          | Co-PI      | \$22,410             | 50%           | \$11,205           |
| <i>Bomba, M., Co-PI; Pohlen, T., PI; Center For Economic Development</i>                                   |   |                |  |                |            |                      |               |                    |
| GS5206   | Understanding the Potential Impacts from Mexico's Petroleum Industry Reforms on Texas's Transportation Infrastructure                 | Research       | Texas Department of Transportation       | State          | Co-PI      | \$33,719             | 100%          | \$33,719           |

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|--|---|----------------|--|----------------|------------|----------------------|---------------|--------------------|
|  |   | Totals for     | <b>Bomba,Michael Stephen</b>           |                |            |                      |               | <b>\$176,705</b>   |
| <b>Pohlen,Terrance L</b>   |   |                |  |                |            |                      |               |                    |
| <i>Pohlen, T., PI; Bomba, M., Co-PI; Center For Economic Development</i> |   |                |  |                |            |                      |               |                    |
| GF4211   | TxDOT Demographic Handbook Update   | Public Service | Texas A & M University System          | Federal        | PI         | -\$18                | 50%           | (\$9)              |
| <i>Pohlen, T., PI; Bomba, M., Co-PI; Center For Economic Development</i> |   |                |  |                |            |                      |               |                    |
| GP7628   | Impacts of Great Homes Initiative   | Research       | City of Garland                        | Private        | PI         | \$2,833              | 100%          | \$2,833            |
| <i>Pohlen, T., PI; Bomba, M., Co-PI; Center For Economic Development</i> |   |                |  |                |            |                      |               |                    |
| GS5202   | Estimating the Potential Economic Development and Property Value Impacts of a Proposed Realignment of the Western Portion of Loop 335 | Research       | Texas Department of Transportation     | State          | PI         | \$46,678             | 50%           | \$23,339           |
|  |   | Totals for     | <b>Pohlen,Terrance L</b>               |                |            |                      |               | <b>\$26,163</b>    |
|  |   | Totals for     | <b>Center For Economic Development</b> |                |            |                      |               | <b>\$202,869</b>   |
| <b>Chemistry</b>   |   |                |  |                |            |                      |               |                    |
| <b>Bagus,Paul S</b>  |   |                |  |                |            |                      |               |                    |
| G72500   | Reaction and Transport of Toxic Metals in Rock-forming Silicates at 25 Degrees Celsius  | Research       | U.S. Department of Energy              | Federal        | PI         | \$57,435             | 100%          | \$57,435           |
| GP6368   | Electronic Structure of CeO2  | Research       | Saudi Basic Industries Corporation     | Private        | PI         | \$42,801             | 100%          | \$42,801           |
|  |   | Totals for     | <b>Bagus,Paul S</b>                    |                |            |                      |               | <b>\$100,236</b>   |
| <b>Buongiorno Nardelli,Marco</b>   |   |                |  |                |            |                      |               |                    |
| <i>Buongiorno Nardelli, M., PI; Chemistry; Physics</i>                   |   |                |  |                |            |                      |               |                    |
| GF4193   | Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies                         | Research       | Duke University                        | Federal        | PI         | \$94,953             | 20%           | \$18,991           |
| <i>Buongiorno Nardelli, M., PI; Chemistry; Physics</i>                   |   |                |  |                |            |                      |               |                    |
| GF4225   | Reciprocating Materials Design with the AFLOWLIB.org Repository   | Research       | Duke University                        | Federal        | PI         | \$15,870             | 20%           | \$3,174            |
|  |   | Totals for     | <b>Buongiorno Nardelli,Marco</b>       |                |            |                      |               | <b>\$22,165</b>    |
| <b>Chyan,Oliver M R</b>  |   |                |  |                |            |                      |               |                    |
| G70245   | Study of Bimetallic Corrosion at Dissimilar Metal Interfaces  | Research       | Semiconductor Research Corporation     | Private        | PI         | \$13,147             | 100%          | \$13,147           |
| GP6285   | Characterization of Plasma-Etch-Polymers Using MIR-IR Spectroscopy  | Research       | Semiconductor Research Corporation     | Private        | PI         | \$15,860             | 100%          | \$15,860           |
| GP6394   | Investigation of Al Pad Corrosion in the Cu Wire Bonded Semiconductor Device Assembly   | Research       | Semiconductor Research Corporation     | Private        | PI         | \$43,832             | 100%          | \$43,832           |
|  |   | Totals for     | <b>Chyan,Oliver M R</b>                |                |            |                      |               | <b>\$72,840</b>    |
| <b>Cundari,Thomas Richard</b>  |   |                |  |                |            |                      |               |                    |

| Project ID  | Title   | Category                      | Sponsor                       | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|---|-------------------------------|-------------------------------|----------------|------------|----------------------|---------------|--------------------|
| <i>Cundari, T., Co-PI; Wilson, A., PI; Chemistry</i>  |   |                               |                               |                |            |                      |               |                    |
| G72762  | Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCaM)                                       | Research                      | U.S. Department of Energy     | Federal        | Co-PI      | \$211,832            | 50%           | \$105,916          |
| G73184  | Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources   | Research                      | U.S. Department of Energy     | Federal        | PI         | \$50,710             | 100%          | \$50,710           |
| GF1601  | Modeling of Catalytic Bond Functionalization by Base and Noble Metal Catalysts  | Research                      | National Science Foundation   | Federal        | PI         | \$76,347             | 100%          | \$76,347           |
| <i>Cundari, T., PI; Chemistry; Du, J., Co-PI; Srivilliputhur, S., Co-PI; Materials Science &amp; Engineering</i>                                |   |                               |                               |                |            |                      |               |                    |
| GF4005  | Center for Hydrocarbon Functionalization  | Research                      | University of Virginia        | Federal        | PI         | \$27,887             | 34%           | \$9,481            |
| GF4159  | Center for Enabling New Technologies Through Catalysis (CENTC)  | Research                      | University of Washington      | Federal        | PI         | \$85,328             | 100%          | \$85,328           |
| <i>Cundari, T., PI; Drummond, M., Co-PI; Wilson, A., Co-PI; Chemistry</i>   |   |                               |                               |                |            |                      |               |                    |
| GP6211  | Computational Chemistry Research for Novel Anti-Inflammatory Medicines  | Research                      | Reata Pharmaceuticals         | Private        | PI         | \$678                | 34%           | \$231              |
| <i>Cundari, T., PI; Wilson, A., Co-PI; Chemistry</i>  |   |                               |                               |                |            |                      |               |                    |
| GP6407  | Computational Chemistry Research for Novel Anti-inflammatory Medicines  | Research                      | Reata Pharmaceuticals         | Private        | PI         | \$117,483            | 50%           | \$58,742           |
| Totals for  |   | <b>Cundari,Thomas Richard</b> |                               |                |            |                      |               | <b>\$386,755</b>   |
| <b>Drummond,Michael L</b>   |   |                               |                               |                |            |                      |               |                    |
| <i>Drummond, M., Co-PI; Cundari, T., PI; Wilson, A., Co-PI; Chemistry</i>   |   |                               |                               |                |            |                      |               |                    |
| GP6211  | Computational Chemistry Research for Novel Anti-Inflammatory Medicines  | Research                      | Reata Pharmaceuticals         | Private        | Co-PI      | \$678                | 33%           | \$224              |
| Totals for  |   | <b>Drummond,Michael L</b>     |                               |                |            |                      |               | <b>\$224</b>       |
| <b>D'souza,Francis</b>  |   |                               |                               |                |            |                      |               |                    |
| <i>D'souza, F., PI; Chemistry; Materials Science &amp; Engineering</i>  |   |                               |                               |                |            |                      |               |                    |
| GF1602  | Nanocarbon Based Supramolecular Assemblies for Electron Transfer Applicable to Solar Energy Harvesting  | Research                      | National Science Foundation   | Federal        | PI         | \$59,320             | 80%           | \$47,456           |
| <i>D'souza, F., PI; Chemistry; Materials Science &amp; Engineering</i>  |   |                               |                               |                |            |                      |               |                    |
| GF1692  | Light Harvesting Nanocarbon-Sensitizer Supramolecules   | Research                      | National Science Foundation   | Federal        | PI         | \$86,275             | 80%           | \$69,020           |
| Totals for  |   | <b>D'souza,Francis</b>        |                               |                |            |                      |               | <b>\$116,476</b>   |
| <b>Golden,Teresa D</b>  |   |                               |                               |                |            |                      |               |                    |
| <i>Golden, T., Co-PI; Verbeck IV, G., PI; Chemistry</i>   |   |                               |                               |                |            |                      |               |                    |
| GF2672  | Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks | Research                      | National Institute of Justice | Federal        | Co-PI      | \$187,322            | 50%           | \$93,661           |
| <i>Golden, T., Co-PI; Chemistry; D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Mechanical &amp; Energy Engineering</i> |   |                               |                               |                |            |                      |               |                    |
| GP6278  | Bioinspired Nanocomposite Coatings for Corrosion Protection   | Research                      | Qatar University              | Private        | Co-PI      | \$94,598             | 50%           | \$47,299           |



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|--|---|------------|------------------------------------|----------------|------------|----------------------|---------------|--------------------|
|  |   | Totals for | <b>Golden,Teresa D</b>             |                |            |                      |               | <b>\$140,960</b>   |
| <b>Kelber,Jeffry A</b>   |   |            |                                    |                |            |                      |               |                    |
| GF1732   | Collaborative Research: Spintronics Without Spin Injection  | Research   | National Science Foundation        | Federal        | PI         | \$24,418             | 100%          | \$24,418           |
| GF2648   | Doped Boron Carbide Polymers  | Research   | Defense Threat Reduction Agency    | Federal        | PI         | -\$366               | 100%          | (\$366)            |
| GF2686   | Doped Boron Carbide Polymers: Fundamental Studies of Novel Class Materials for Enhanced Radiation Detection | Research   | Defense Threat Reduction Agency    | Federal        | PI         | \$194,573            | 100%          | \$194,573          |
| GF4243   | Center for Spintronic Materials, Interfaces and Novel Architectures (C-SPIN)                                | Research   | University of Minnesota            | Federal        | PI         | \$167,488            | 100%          | \$167,488          |
| GP6135   | Establishment of a UNT-SRC Center for Electronic Materials Processing and Integration (CEMPI)               | Research   | Semiconductor Research Corporation | Private        | PI         | \$53,098             | 100%          | \$53,098           |
| GP6265   | Establishment of a UNT-SRC Center for Electronic Materials Processing and Integration (CEMPI)               | Research   | Semiconductor Research Corporation | Private        | PI         | \$19                 | 100%          | \$19               |
| GP6287   | Graphene Direct Growth on Oxides for Transport Measurements and Device Applications                         | Research   | Semiconductor Research Corporation | Private        | PI         | \$23,346             | 100%          | \$23,346           |
| GP6376   | De-wetting During Electrodeposition   | Research   | Applied Materials, Inc.            | Private        | PI         | \$7,208              | 100%          | \$7,208            |
|  |   | Totals for | <b>Kelber,Jeffry A</b>             |                |            |                      |               | <b>\$469,784</b>   |
| <b>Marshall,Paul</b>   |   |            |                                    |                |            |                      |               |                    |
| G70743   | Gas-phase Reactions Controlled by Long Range Forces   | Research   | Robert A. Welch Foundation         | Private        | PI         | \$11,731             | 100%          | \$11,731           |
| GP7632   | Kinetic and Product Studies of Complex-Forming Reactions in the Gas Phase                                   | Research   | Robert A. Welch Foundation         | Private        | PI         | \$32,176             | 100%          | \$32,176           |
|  |   | Totals for | <b>Marshall,Paul</b>               |                |            |                      |               | <b>\$43,907</b>    |
| <b>Mason,Diana S</b>   |   |            |                                    |                |            |                      |               |                    |
| <i>Mason, D., Co-PI; Harrell, P., PI; Hughes, L., Co-PI; Littler, K., Co-PI; Weller, K., Co-PI; Teacher Education &amp; Administration</i> |   |            |                                    |                |            |                      |               |                    |
| G72301   | Science and Mathematics Robert Noyce Scholarships   | Others     | National Science Foundation        | Federal        | Co-PI      | -\$26,360            | 20%           | (\$5,272)          |
|  |   | Totals for | <b>Mason,Diana S</b>               |                |            |                      |               | <b>(\$5,272)</b>   |
| <b>Omary,Mohammad A</b>  |   |            |                                    |                |            |                      |               |                    |
| G70550   | Photophysics and Photochemistry of Coordination Compound  | Research   | Robert A. Welch Foundation         | Private        | PI         | \$26,314             | 100%          | \$26,314           |

| <b>Project ID</b>   | <b>Title</b>   | <b>Category</b> | <b>Sponsor</b>                        | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |                  |
|---|--|-----------------|---------------------------------------|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|------------------|
| GF1704  | Macromolecular, Supramolecular and/or Nanomolecular Photophysics and Photochemistry of d10 and d8 Complexes                                  | Research        | National Science Foundation           | Federal               | PI                | \$179,242                   | 100%                 | \$179,242                 |                  |
| <i>Omary, M., PI; Petros, R., Co-PI; Chemistry</i>                              |  |                 |                                       |                       |                   |                             |                      |                           |                  |
| GP6381  | Photothermal Treatment of Cutaneous T-cell Lymphoma with Metallic Nanoparticles  | Research        | Baylor Research Institute             | Private               | PI                | \$3,917                     | 50%                  | \$1,959                   |                  |
| GP7631  | Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds  | Research        | Robert A. Welch Foundation            | Private               | PI                | \$27,031                    | 100%                 | \$27,031                  |                  |
|   |  | Totals for      | <b>Omary, Mohammad A</b>              |                       |                   |                             |                      |                           | <b>\$234,546</b> |
| <b>Petros, Robby Allen</b>  |  |                 |                                       |                       |                   |                             |                      |                           |                  |
| <i>Petros, R., Co-PI; Wilson, A., PI; Chemistry</i>                             |  |                 |                                       |                       |                   |                             |                      |                           |                  |
| GF1552  | REU Site: Opportunities in Chemistry   | Research        | National Science Foundation           | Federal               | Co-PI             | \$2,369                     | 50%                  | \$1,184                   |                  |
| <i>Petros, R., Co-PI; Chemistry; Shah, J., PI; Venables, B., Co-PI; Biology</i> |  |                 |                                       |                       |                   |                             |                      |                           |                  |
| GF1612  | Dehydroabietinal Signaling in Plant Defense  | Research        | National Science Foundation           | Federal               | Co-PI             | \$90,991                    | 13%                  | \$11,829                  |                  |
| <i>Petros, R., Co-PI; Omary, M., PI; Chemistry</i>                              |  |                 |                                       |                       |                   |                             |                      |                           |                  |
| GP6381  | Photothermal Treatment of Cutaneous T-cell Lymphoma with Metallic Nanoparticles  | Research        | Baylor Research Institute             | Private               | Co-PI             | \$3,917                     | 50%                  | \$1,959                   |                  |
| GP6382  | Nanoparticle Therapeutics Targeting c-Met for Treating Pancreatic Cancer   | Research        | Baylor Research Institute             | Private               | PI                | \$3,260                     | 100%                 | \$3,260                   |                  |
|   |  | Totals for      | <b>Petros, Robby Allen</b>            |                       |                   |                             |                      |                           | <b>\$18,231</b>  |
| <b>Richmond, Michael George</b>   |  |                 |                                       |                       |                   |                             |                      |                           |                  |
| G70571  | Synthesis and Reactivity Studies of Polynuclear Cluster  | Research        | Robert A. Welch Foundation            | Private               | PI                | \$45,363                    | 100%                 | \$45,363                  |                  |
| GP7633  | Synthesis and Reactivity Studies of Metal Clusters   | Research        | Robert A. Welch Foundation            | Private               | PI                | \$23,903                    | 100%                 | \$23,903                  |                  |
|   |  | Totals for      | <b>Richmond, Michael George</b>       |                       |                   |                             |                      |                           | <b>\$69,266</b>  |
| <b>Slaughter III, Legrande Mancel</b>   |  |                 |                                       |                       |                   |                             |                      |                           |                  |
| GF1680  | Harnessing Nonclassical Metal-Arene Interactions to Achieve Enantioselective Catalysis   | Research        | National Science Foundation           | Federal               | PI                | \$79,703                    | 100%                 | \$79,703                  |                  |
| <i>Slaughter III, L., Co-PI; Wilson, A., PI; Chemistry</i>                      |  |                 |                                       |                       |                   |                             |                      |                           |                  |
| GF1721  | REU Site: Undergraduate Research Opportunities at the Interface of Computational and Experimental Chemistry at the University of North Texas | Research        | National Science Foundation           | Federal               | Co-PI             | \$64,950                    | 50%                  | \$32,475                  |                  |
|   |  | Totals for      | <b>Slaughter III, Legrande Mancel</b> |                       |                   |                             |                      |                           | <b>\$112,178</b> |
| <b>Verbeck IV, Guido Fridolin</b>   |  |                 |                                       |                       |                   |                             |                      |                           |                  |

| Project ID   | Title   | Category                          | Sponsor   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|-----------------------------------|---|----------------|------------|----------------------|---------------|--------------------|
| G70710   | Development of a Deployable Miniature Mass Spectrometer and Peripheral Technology   | Research                          | SPACEHAB Trans, Inc.                              | Private        | PI         | \$480                | 100%          | \$480              |
| <i>Verbeck IV, G., PI; Golden, T., Co-PI; Chemistry</i>  |   |                                   |   |                |            |                      |               |                    |
| GF2672   | Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks | Research                          | National Institute of Justice                     | Federal        | PI         | \$187,322            | 50%           | \$93,661           |
| GS5184   | Single Organelle Analysis for Metabolite in Tumor Cells Using Microfluidic Devices Coupled to Direct Nanoextraction-Nanospray                       | Research                          | Cancer Prevention and Research Institute of Texas | State          | PI         | \$106,394            | 100%          | \$106,394          |
| Totals for   |   | <b>Verbeck IV, Guido Fridolin</b> |   |                |            |                      |               | <b>\$200,535</b>   |
| <b>Wilson, Angela Kay</b>  |   |                                   |   |                |            |                      |               |                    |
| <i>Wilson, A., PI; Cundari, T., Co-PI; Chemistry</i>   |   |                                   |   |                |            |                      |               |                    |
| G72762   | Environmental and Energy Research at the Texas Center for Advanced Scientific Computing and Modeling (CASCaM)                                       | Research                          | U.S. Department of Energy                         | Federal        | PI         | \$211,832            | 50%           | \$105,916          |
| <i>Wilson, A., Co-PI; Chemistry; Banerjee, R., PI; Needleman, A., Co-PI; Scharf, T., Co-PI; Materials Science &amp; Engineering</i>                              |   |                                   |   |                |            |                      |               |                    |
| G72763   | Institute for Science and Engineering Simulation  | Research                          | Air Force Research Laboratory                     | Federal        | Co-PI      | \$655,387            | 12.5%         | \$81,923           |
| <i>Wilson, A., PI; Petros, R., Co-PI; Chemistry</i>  |   |                                   |   |                |            |                      |               |                    |
| GF1552   | REU Site: Opportunities in Chemistry  | Research                          | National Science Foundation                       | Federal        | PI         | \$2,369              | 50%           | \$1,184            |
| GF1641   | Composite Methodologies for Quantitative Predictions Across the Periodic Table  | Research                          | National Science Foundation                       | Federal        | PI         | \$24,443             | 100%          | \$24,443           |
| <i>Wilson, A., Co-PI; Chemistry; Hughes, L., PI; Padilla, P., Co-PI; Biology</i>   |   |                                   |   |                |            |                      |               |                    |
| GF1673   | Fostering Outstanding Cohorts in Undergraduate Science II   | Instruction                       | National Science Foundation                       | Federal        | Co-PI      | \$104,345            | 33.33%        | \$34,778           |
| <i>Wilson, A., Co-PI; Chemistry; Oppong, J., PI; Briggie, A., Co-PI; Philosophy &amp; Religion Studies; John, K., Co-PI; Mechanical &amp; Energy Engineering</i> |   |                                   |   |                |            |                      |               |                    |
| GF1675   | Gaming Graduate Ethics Education in Science & Engineering   | Research                          | National Science Foundation                       | Federal        | Co-PI      | \$76,265             | 10%           | \$7,626            |
| <i>Wilson, A., PI; Slaughter III, L., Co-PI; Chemistry</i>   |   |                                   |   |                |            |                      |               |                    |
| GF1721   | REU Site: Undergraduate Research Opportunities at the Interface of Computational and Experimental Chemistry at the University of North Texas        | Research                          | National Science Foundation                       | Federal        | PI         | \$64,950             | 50%           | \$32,475           |
| <i>Wilson, A., Co-PI; Cundari, T., PI; Drummond, M., Co-PI; Chemistry</i>  |   |                                   |   |                |            |                      |               |                    |
| GP6211   | Computational Chemistry Research for Novel Anti-Inflammatory Medicines  | Research                          | Reata Pharmaceuticals                             | Private        | Co-PI      | \$678                | 33%           | \$224              |
| GP6332   | Scientific Research with Brewer Scientific  | Research                          | Brewer Science, Inc.                              | Private        | PI         | \$8,422              | 100%          | \$8,422            |
| <i>Wilson, A., Co-PI; Cundari, T., PI; Chemistry</i>   |   |                                   |   |                |            |                      |               |                    |
| GP6407   | Computational Chemistry Research for Novel Anti-inflammatory Medicines  | Research                          | Reata Pharmaceuticals                             | Private        | Co-PI      | \$117,483            | 50%           | \$58,742           |
| Totals for   |   | <b>Wilson, Angela Kay</b>         |   |                |            |                      |               | <b>\$355,734</b>   |

| Project ID  | Title  | Category | Sponsor                                    | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|----------|--|----------------|------------|----------------------|---------------|--------------------|
| <b>Xia,Zhenhai</b>  |  |          |  |                |            |                      |               |                    |
| <i>Xia, Z., PI; Chemistry; Materials Science &amp; Engineering</i>                  |  |          |  |                |            |                      |               |                    |
| GF1609  | Integrated Studies of Interfaces in Nanocomposites and Nanoimprinting  | Research | National Science Foundation                | Federal        | PI         | \$591                | 20%           | \$118              |
| <i>Xia, Z., PI; Chemistry; Materials Science &amp; Engineering</i>                  |  |          |  |                |            |                      |               |                    |
| GF1659  | Collaborative Research: Multifunctional Nanocomposites with Reversible Switch and Controlled Release Surfaces  | Research | National Science Foundation                | Federal        | PI         | \$49,483             | 20%           | \$9,897            |
| <i>Xia, Z., PI; Chemistry; Materials Science &amp; Engineering</i>                  |  |          |  |                |            |                      |               |                    |
| GF1684  | Nanomanufacturing of High-Performance Graphene-Based Catalytic Electrodes for Renewable Energy Production  | Research | National Science Foundation                | Federal        | PI         | \$20,654             | 20%           | \$4,131            |
| <i>Xia, Z., PI; Chemistry; Materials Science &amp; Engineering</i>                  |  |          |  |                |            |                      |               |                    |
| GF4147  | Nanofabrication of Tunable 3D Nanotube Architectures   | Research | Case Western Reserve University            | Federal        | PI         | \$142,357            | 20%           | \$28,471           |
| <i>Xia, Z., PI; Chemistry; Materials Science &amp; Engineering</i>                  |  |          |  |                |            |                      |               |                    |
| GF4204  | Low-cost, Metal-free, Carbon-based Oxygen Reduction Catalysts for Highly-efficient Fuel Cells  | Research | Case Western Reserve University            | Federal        | PI         | \$28,504             | 20%           | \$5,701            |
| Totals for <b>Xia,Zhenhai</b>   |  |          |  |                |            |                      |               | <b>\$48,318</b>    |
| Totals for <b>Chemistry</b>   |  |          |  |                |            |                      |               | <b>\$2,386,882</b> |
| <b>Communication Studies</b>  |  |          |  |                |            |                      |               |                    |
| <b>Ahmed,Iftekhar</b>   |  |          |  |                |            |                      |               |                    |
| GF1648  | VOSS: Research on the Process of Virtual Environment   | Research | National Science Foundation                | Federal        | PI         | \$42,053             | 100%          | \$42,053           |
| GF4245  | GECAT- Global Initiative to Enhance @ Scale and Distributed Computing and Analysis Technologies to Address Grand Challenge Problems Around the World | Research | University of Illinois at Urbana-Champaign | Federal        | PI         | \$12,783             | 100%          | \$12,783           |
| Totals for <b>Ahmed,Iftekhar</b>  |  |          |  |                |            |                      |               | <b>\$54,836</b>    |
| Totals for <b>Communication Studies</b>   |  |          |  |                |            |                      |               | <b>\$54,836</b>    |
| <b>Economic</b>   |  |          |  |                |            |                      |               |                    |
| <b>Clower,Terry Lee</b>   |  |          |  |                |            |                      |               |                    |
| GP6341  | Economic, Fiscal, and Developmental Impacts of Business Activities in Fort Worth South, Inc, Area  | Research | Fort Worth South, Inc.                     | Private        | PI         | \$568                | 100%          | \$568              |
| <i>Clower, T., PI; Economics; Bomba, M., Co-PI; Center For Economic Development</i> |  |          |  |                |            |                      |               |                    |
| GP7622  | Strategic Economic Development Planning: Target Industries, Clusters, and Implementation   | Research | Garland Economic Development Partnership   | Private        | PI         | \$3,876              | 90%           | \$3,489            |
| Totals for <b>Clower,Terry Lee</b>  |  |          |  |                |            |                      |               | <b>\$4,057</b>     |
| Totals for <b>Economic</b>  |  |          |  |                |            |                      |               | <b>\$4,057</b>     |
| <b>English</b>  |  |          |  |                |            |                      |               |                    |
| <b>Raja,Masood Ashraf</b>   |  |          |  |                |            |                      |               |                    |

| Project ID | Title  | Category                  | Sponsor                  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|------------|--|---------------------------|--------------------------|----------------|------------|----------------------|---------------|--------------------|
| GF2656     | UNT-NUML Partnership to Enhance English Linguistics, Literature, and Teaching                        | Instruction               | U.S. Department of State | Federal        | PI         | \$259,531            | 100%          | \$259,531          |
| GF2688     | Department of State Best Practices Workshop and Conference for Public Diplomacy Programs in Pakistan | Public Service            | U.S. Department of State | Federal        | PI         | \$54,697             | 100%          | \$54,697           |
| Totals for |  | <b>Raja,Masood Ashraf</b> |                          |                |            |                      |               | <b>\$314,228</b>   |
| Totals for |  | <b>English</b>            |                          |                |            |                      |               | <b>\$314,228</b>   |

### Foreign Languages & Literatures

#### Boggiano-barbieri,Aymara

*Boggiano-barbieri, A., Co-PI; Foreign Languages & Literatures; Barbieri, E., PI; Engineering Technology; Albarran, A., Co-PI; Radio/TV/Film (KNTU-FM)*

|            |  |                                 |                               |         |       |          |     |                 |
|------------|--|---------------------------------|-------------------------------|---------|-------|----------|-----|-----------------|
| GP6303     | "Inventiones de la Inventiva": Employing KUHF's "Engines of Our Ingenuity" to Increase Engineering Education Opportunities in the Hispanic Community | Research                        | United Engineering Foundation | Private | Co-PI | \$18,176 | 70% | \$12,723        |
| Totals for |  | <b>Boggiano-barbieri,Aymara</b> |                               |         |       |          |     | <b>\$12,723</b> |

#### Costabile-Heming,Carol Anne Theresa

|            |   |  |  |         |    |         |      |                 |
|------------|---|--|--|---------|----|---------|------|-----------------|
| GP6410     | Remembering the Fall of 1989- UNT German Campus Weeks | Public Service                             | Embassy of the Federal Republic of Germany | Private | PI | \$3,986 | 100% | \$3,986         |
| Totals for |   | <b>Costabile-Heming,Carol Anne Theresa</b> |  |         |    |         |      | <b>\$3,986</b>  |
| Totals for |   | <b>Foreign Languages &amp; Literatures</b> |  |         |    |         |      | <b>\$16,709</b> |

### Geography

#### Ferring,C R

|   |   |                    |                             |         |       |         |      |                |
|---|---|--------------------|-----------------------------|---------|-------|---------|------|----------------|
| GF1542  | Archaeological Investigations at Dmanisi, Republic of Georgia                         | Research           | National Science Foundation | Federal | PI    | \$0     | 100% | \$0            |
| <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 | Research           | National Science Foundation | Federal | Co-PI | \$4,926 | 25%  | \$1,231        |
| Totals for  |   | <b>Ferring,C R</b> |                             |         |       |         |      | <b>\$1,231</b> |

#### Fry,Matthew Joseph

|            |  |                           |                             |         |    |         |      |                |
|------------|--|---------------------------|-----------------------------|---------|----|---------|------|----------------|
| GF1655     | Collaborative Research: New Geographics of Shale Gas: Distance Regulation and Policy Mobilities in Texas | Research                  | National Science Foundation | Federal | PI | \$3,147 | 100% | \$3,147        |
| Totals for |  | <b>Fry,Matthew Joseph</b> |                             |         |    |         |      | <b>\$3,147</b> |

#### Nagaoka,Lisa A

*Nagaoka, L., PI; Wolverton, S., Co-PI; Pan, F., Co-PI; Geography; Atkinson, S., Co-PI; Biology*

|            |  |                       |                             |         |    |          |     |                |
|------------|--|-----------------------|-----------------------------|---------|----|----------|-----|----------------|
| GF1711     | Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages | Research              | National Science Foundation | Federal | PI | \$20,327 | 35% | \$7,115        |
| Totals for |  | <b>Nagaoka,Lisa A</b> |                             |         |    |          |     | <b>\$7,115</b> |

#### Oppong,Joseph R

| <b>Project ID</b>   | <b>Title</b>   | <b>Category</b>                 | <b>Sponsor</b>                | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|---|--|---------------------------------|-------------------------------|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| GF1522  | Climatic Extremes, Mining, and Mycobacterium Ulcerans: A Coupled Systems Perspective   | Research                        | National Science Foundation   | Federal               | PI                | \$1,572                     | 100%                 | \$1,572                   |
| <i>Oppong, J., Co-PI; Geography; Ishiyama, J., PI; Political Science</i>  |  |                                 |                               |                       |                   |                             |                      |                           |
| GF1682  | REU Site: Civil Conflict Management and Peace Science  | Research                        | National Science Foundation   | Federal               | Co-PI             | \$129,851                   | 20%                  | \$25,970                  |
| Totals for  |  | <b>Oppong,Joseph R</b>          |                               |                       |                   |                             |                      | <b>\$27,542</b>           |
| <b>Pan,Feifei</b>   |  |                                 |                               |                       |                   |                             |                      |                           |
| <i>Pan, F., Co-PI; Ponette, A., PI; Geography</i>   |  |                                 |                               |                       |                   |                             |                      |                           |
| GF1594  | Collaborative Research: Afforestation Effects on Nitrogen Cycling in Mexico's Eastern Highlands                                  | Research                        | National Science Foundation   | Federal               | Co-PI             | \$9,454                     | 20%                  | \$1,891                   |
| <i>Pan, F., Co-PI; Nagaoka, L., PI; Wolverton, S., Co-PI; Geography; Atkinson, S., Co-PI; Biology</i>                           |  |                                 |                               |                       |                   |                             |                      |                           |
| GF1711  | Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages                                   | Research                        | National Science Foundation   | Federal               | Co-PI             | \$20,327                    | 35%                  | \$7,115                   |
| Totals for  |  | <b>Pan,Feifei</b>               |                               |                       |                   |                             |                      | <b>\$9,006</b>            |
| <b>Ponette,Alexandra Gisela</b>   |  |                                 |                               |                       |                   |                             |                      |                           |
| <i>Ponette, A., PI; Pan, F., Co-PI; Geography</i>   |  |                                 |                               |                       |                   |                             |                      |                           |
| GF1594  | Collaborative Research: Afforestation Effects on Nitrogen Cycling in Mexico's Eastern Highlands                                  | Research                        | National Science Foundation   | Federal               | PI                | \$9,454                     | 80%                  | \$7,564                   |
| GF4126  | Socio-Economic and Political Drivers of Oil Palm Expansion in Indonesia: Effects on Rural Livelihoods, Carbon Emissions and REDD | Research                        | Stanford University           | Federal               | PI                | \$917                       | 100%                 | \$917                     |
| Totals for  |  | <b>Ponette,Alexandra Gisela</b> |                               |                       |                   |                             |                      | <b>\$8,480</b>            |
| <b>Rice,Murray D</b>  |  |                                 |                               |                       |                   |                             |                      |                           |
| <i>Rice, M., PI; Tiwari, C., Co-PI; Geography</i>   |  |                                 |                               |                       |                   |                             |                      |                           |
| GP6430  | Defining the Record of Fast-Growing Firms as Members of Regional Business Communities: A Tracking Analysis                       | Research                        | Kauffman Foundation           | Private               | PI                | \$3,945                     | 80%                  | \$3,156                   |
| Totals for  |  | <b>Rice,Murray D</b>            |                               |                       |                   |                             |                      | <b>\$3,156</b>            |
| <b>Tiwari,Chetan</b>  |  |                                 |                               |                       |                   |                             |                      |                           |
| <i>Tiwari, C., Co-PI; Geography; Mikler, A., PI; Computer Science &amp; Engineering</i>   |  |                                 |                               |                       |                   |                             |                      |                           |
| GF1706  | Computational Methods for Quantifying Regional Ebola-Specific Resource Coverage  | Research                        | National Science Foundation   | Federal               | Co-PI             | \$87,034                    | 50%                  | \$43,517                  |
| <i>Tiwari, C., Co-PI; Geography; Mikler, A., PI; Schneider, T., Co-PI; Bryce, R., Co-PI; Computer Science &amp; Engineering</i> |  |                                 |                               |                       |                   |                             |                      |                           |
| GF2667  | Minimizing Access Disparities in Bio-Emergency Response Planning   | Research                        | National Institutes of Health | Federal               | Co-PI             | \$270,117                   | 35%                  | \$94,541                  |
| <i>Tiwari, C., Co-PI; Rice, M., PI; Geography</i>   |  |                                 |                               |                       |                   |                             |                      |                           |
| GP6430  | Defining the Record of Fast-Growing Firms as Members of Regional Business Communities: A Tracking Analysis                       | Research                        | Kauffman Foundation           | Private               | Co-PI             | \$3,945                     | 20%                  | \$789                     |
| Totals for  |  | <b>Tiwari,Chetan</b>            |                               |                       |                   |                             |                      | <b>\$138,847</b>          |
| <b>Williams,Harry F L</b>   |  |                                 |                               |                       |                   |                             |                      |                           |

| Project ID   | Title   | Category                      | Sponsor                                   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|-------------------------------|---|----------------|------------|----------------------|---------------|--------------------|
| GF1651   | Catalyzing US - Thailand Collaboration: Geologic Records of Tropical Cyclone Strikes on the Gulf of Thailand Coast                    | Research                      | National Science Foundation               | Federal        | PI         | \$1,790              | 100%          | \$1,790            |
| Totals for   |   | <b>Williams,Harry F L</b>     |   |                |            |                      |               | <b>\$1,790</b>     |
| <b>Wolverton,Steven John</b>   |   |                               |   |                |            |                      |               |                    |
| <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   | Research                      | National Science Foundation               | Federal        | PI         | \$4,926              | 50%           | \$2,463            |
| <i>Wolverton, S., Co-PI; Nagaoka, L., PI; Pan, F., Co-PI; Geography; Atkinson, S., Co-PI; Biology</i>                        |   |                               |   |                |            |                      |               |                    |
| GF1711   | Collaborative Research: Modeling Crop Failure Potential in Late Pueblo III Mesa Verde Villages  | Research                      | National Science Foundation               | Federal        | Co-PI      | \$20,327             | 20%           | \$4,065            |
| <i>Wolverton, S., Co-PI; Geography; Reyna, K., PI; Johnson, J., Co-PI; Atkinson, S., Co-PI; Steigman, K., Co-PI; Biology</i> |   |                               |   |                |            |                      |               |                    |
| GS6031   | Utility of a Soft-Release Technique for Restoring Northern Bobwhites while Quantifying Habitat and Genetic Diversity on Release Sites | Research                      | Texas A&M AgriLife Extension Service      | State          | Co-PI      | \$90,754             | 25%           | \$22,688           |
| Totals for   |   | <b>Wolverton,Steven John</b>  |   |                |            |                      |               | <b>\$29,217</b>    |
| Totals for   |   | <b>Geography</b>              |   |                |            |                      |               | <b>\$229,530</b>   |
| <b>History</b>   |   |                               |   |                |            |                      |               |                    |
| <b>Citino,Robert Michael</b>   |   |                               |   |                |            |                      |               |                    |
| GF2666   | Visiting Professor Under the Intergovernmental Personnel Act (IPA)  | Instruction                   | US Army War College and Carlisle Barracks | Federal        | PI         | \$135,107            | 100%          | \$135,107          |
| Totals for   |   | <b>Citino,Robert Michael</b>  |   |                |            |                      |               | <b>\$135,107</b>   |
| <b>Moye,Todd</b>   |   |                               |   |                |            |                      |               |                    |
| GS6029   | NMPW Oral History Transcribing  | Public Service                | National Museum of the Pacific War        | State          | PI         | \$172                | 100%          | \$172              |
| Totals for   |   | <b>Moye,Todd</b>              |   |                |            |                      |               | <b>\$172</b>       |
| <b>Torget,Andrew Jonathan</b>  |   |                               |   |                |            |                      |               |                    |
| GP6422   | Day at UNT  | Public Service                | The Summerlee Foundation                  | Private        | PI         | \$6,679              | 100%          | \$6,679            |
| Totals for   |   | <b>Torget,Andrew Jonathan</b> |   |                |            |                      |               | <b>\$6,679</b>     |
| Totals for   |   | <b>History</b>                |   |                |            |                      |               | <b>\$141,959</b>   |
| <b>Mathematics</b>   |   |                               |   |                |            |                      |               |                    |
| <b>Azad,Rajeev Kumar</b>   |   |                               |   |                |            |                      |               |                    |
| <i>Azad, R., Co-PI; Mathematics; Mittler, R., PI; Azad, R., Co-PI; Shulaev, V., Co-PI; Biology</i>                           |   |                               |   |                |            |                      |               |                    |
| GF1681   | Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress   | Research                      | National Science Foundation               | Federal        | Co-PI      | \$148,932            | 11.6%         | \$17,276           |
| Totals for   |   | <b>Azad,Rajeev Kumar</b>      |   |                |            |                      |               | <b>\$17,276</b>    |
| <b>Conley,Charles H</b>  |   |                               |   |                |            |                      |               |                    |

| Project ID   | Title   | Category  | Sponsor                      | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|---|------------------------------|----------------|------------|----------------------|---------------|--------------------|
| GP6191   | Lie Algebra Cohomology and Invariant Differential Operators         | Research  | Simons Foundation            | Private        | PI         | \$6,109              | 100%          | \$6,109            |
|  |   | Totals for  | <b>Conley,Charles H</b>      |                |            |                      |               | <b>\$6,109</b>     |
| <b>Douglass,J Matthew</b>  |   |   |                              |                |            |                      |               |                    |
| GP6292   | Geometric Aspects of the Representation Theory of Reductive Groups  | Research  | Simons Foundation            | Private        | PI         | \$2,285              | 100%          | \$2,285            |
|  |   | Totals for  | <b>Douglass,J Matthew</b>    |                |            |                      |               | <b>\$2,285</b>     |
| <b>Fishman,Lior</b>  |   |   |                              |                |            |                      |               |                    |
| GP6290   | Diophantine Approximation on Fractals                               | Research  | Simons Foundation            | Private        | PI         | \$5,961              | 100%          | \$5,961            |
|  |   | Totals for  | <b>Fishman,Lior</b>          |                |            |                      |               | <b>\$5,961</b>     |
| <b>Gao,Su</b>  |   |   |                              |                |            |                      |               |                    |
| <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                       | Research  | National Science Foundation  | Federal        | PI         | \$389,811            | 25%           | \$97,453           |
|  |   | <i>Gao, S., PI; Jackson, S., Co-PI; Mathematics</i> |                              |                |            |                      |               |                    |
| GF1624   | Equivalence Relations, Symbolic Dynamics and Descriptive Set Theory | Research  | National Science Foundation  | Federal        | PI         | \$68,583             | 50%           | \$34,291           |
| GP6205   | Lie Algebra Cohomology and Invariant Differential Operators         | Research  | Simons Foundation            | Private        | PI         | \$1,000              | 100%          | \$1,000            |
| GP6206   | Jacobi Forms and Applications                                       | Research  | Simons Foundation            | Private        | PI         | \$799                | 100%          | \$799              |
| GP6291   | Diophantine Approximation on Fractals                               | Research  | Simons Foundation            | Private        | PI         | \$1,459              | 100%          | \$1,459            |
| GP6293   | Geometric Aspects of the Representation Theory of Reductive Groups  | Research  | Simons Foundation            | Private        | PI         | \$2,430              | 100%          | \$2,430            |
|  |   | Totals for  | <b>Gao,Su</b>                |                |            |                      |               | <b>\$137,432</b>   |
| <b>Jackson,Stephen Craig</b>   |   |   |                              |                |            |                      |               |                    |
| <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                       | Research  | National Science Foundation  | Federal        | Co-PI      | \$389,811            | 25%           | \$97,453           |
|  |   | <i>Jackson, S., Co-PI; Gao, S., PI; Mathematics</i> |                              |                |            |                      |               |                    |
| GF1624   | Equivalence Relations, Symbolic Dynamics and Descriptive Set Theory | Research  | National Science Foundation  | Federal        | Co-PI      | \$68,583             | 50%           | \$34,291           |
|  |   | Totals for  | <b>Jackson,Stephen Craig</b> |                |            |                      |               | <b>\$131,744</b>   |
| <b>Mauldin,Richard D</b>   |   |   |                              |                |            |                      |               |                    |



| Project ID   | Title   | Category                        | Sponsor                      | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |                  |
|--|---|---------------------------------|------------------------------|----------------|------------|----------------------|---------------|--------------------|------------------|
| <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                   | Research                        | National Science Foundation  | Federal        | Co-PI      | \$389,811            | 25%           | \$97,453           |                  |
| Totals for   |   | <b>Mauldin,Richard D</b>        |                              |                |            |                      |               |                    | <b>\$97,453</b>  |
| <b>Quintanilla,John Anthony</b>  |   |                                 |                              |                |            |                      |               |                    |                  |
| <i>Quintanilla, J., Co-PI; Mathematics; Eddy, C., PI; Harrell, P., Co-PI; Teacher Education &amp; Administration; Hughes, L., Co-PI; Biology</i> |   |                                 |                              |                |            |                      |               |                    |                  |
| GF1557   | UNT Science and Mathematics Robert Noyce Scholarship            | Public Service                  | National Science Foundation  | Federal        | Co-PI      | \$218,964            | 8%            | \$17,517           |                  |
| <i>Quintanilla, J., PI; Mathematics; Harris, M., Co-PI; Teacher Education &amp; Administration</i>   |   |                                 |                              |                |            |                      |               |                    |                  |
| GP6213   | Teach North Texas   | Public Service                  | Texas Instruments Foundation | Private        | PI         | \$1,920              | 50%           | \$960              |                  |
| <i>Quintanilla, J., PI; Mathematics; Harrell, P., Co-PI; Teacher Education &amp; Administration</i>  |   |                                 |                              |                |            |                      |               |                    |                  |
| GP6415   | TI Foundation Grant III for Teach North Texas                   | Instruction                     | Texas Instruments Foundation | Private        | PI         | \$194,259            | 50%           | \$97,129           |                  |
| Totals for   |   | <b>Quintanilla,John Anthony</b> |                              |                |            |                      |               |                    | <b>\$115,606</b> |
| <b>Richter,Olav K</b>  |   |                                 |                              |                |            |                      |               |                    |                  |
| GP6192   | Jacobi Forms and Applications                                   | Research                        | Simons Foundation            | Private        | PI         | \$4,819              | 100%          | \$4,819            |                  |
| Totals for   |   | <b>Richter,Olav K</b>           |                              |                |            |                      |               |                    | <b>\$4,819</b>   |
| <b>Sari,Bunyamin</b>   |   |                                 |                              |                |            |                      |               |                    |                  |
| GP6207   | Problems in Linear and Nonlinear Geometry of Banach Spaces      | Research                        | Simons Foundation            | Private        | PI         | \$8,946              | 100%          | \$8,946            |                  |
| Totals for   |   | <b>Sari,Bunyamin</b>            |                              |                |            |                      |               |                    | <b>\$8,946</b>   |
| <b>Shepler,Anne V</b>  |   |                                 |                              |                |            |                      |               |                    |                  |
| GF1589   | Collaborative Research: Cohomology and Deformations of Algebras | Research                        | National Science Foundation  | Federal        | PI         | \$2,676              | 100%          | \$2,676            |                  |
| Totals for   |   | <b>Shepler,Anne V</b>           |                              |                |            |                      |               |                    | <b>\$2,676</b>   |
| <b>Urbanski,Mariusz</b>  |   |                                 |                              |                |            |                      |               |                    |                  |
| <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                   | Research                        | National Science Foundation  | Federal        | Co-PI      | \$389,811            | 25%           | \$97,453           |                  |
| GF1697   | Thermodynamic Formalism, Dynamics and Dimensions                | Research                        | National Science Foundation  | Federal        | PI         | \$80,274             | 100%          | \$80,274           |                  |
| Totals for   |   | <b>Urbanski,Mariusz</b>         |                              |                |            |                      |               |                    | <b>\$177,727</b> |
| <b>Weller,Kirk Edward</b>  |   |                                 |                              |                |            |                      |               |                    |                  |
| <i>Weller, K., Co-PI; Harrell, P., PI; Hughes, L., Co-PI; Littler, K., Co-PI; Mason, D., Co-PI; Teacher Education &amp; Administration</i>       |   |                                 |                              |                |            |                      |               |                    |                  |
| G72301   | Science and Mathematics Robert Noyce Scholarships               | Others                          | National Science Foundation  | Federal        | Co-PI      | -\$26,360            | 20%           | (\$5,272)          |                  |
| Totals for   |   | <b>Weller,Kirk Edward</b>       |                              |                |            |                      |               |                    | <b>(\$5,272)</b> |
| Totals for   |   | <b>Mathematics</b>              |                              |                |            |                      |               |                    | <b>\$702,761</b> |

| Project ID   | Title  | Category | Sponsor                          | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------|----------------------------------|----------------|------------|----------------------|---------------|--------------------|
| <b>Philosophy &amp; Religion Studies</b>   |  |          |                                  |                |            |                      |               |                    |
| <b>Briggle,Adam Robert Dryden</b>  |  |          |                                  |                |            |                      |               |                    |
| <i>Briggle, A., Co-PI; Oppong, J., PI; Philosophy &amp; Religion Studies; John, K., Co-PI; Mechanical &amp; Energy Engineering; Wilson, A., Co-PI; Chemistry</i> |  |          |                                  |                |            |                      |               |                    |
| GF1675   | Gaming Graduate Ethics Education in Science & Engineering  | Research | National Science Foundation      | Federal        | Co-PI      | \$76,265             | 30%           | \$22,879           |
| <i>Briggle, A., PI; Frodeman, R., Co-PI; Philosophy &amp; Religion Studies</i>   |  |          |                                  |                |            |                      |               |                    |
| GF1683   | Understanding the Policy Relevance of 21st Century Philosophy  | Research | National Science Foundation      | Federal        | PI         | \$42,355             | 50%           | \$21,177           |
| <i>Briggle, A., Co-PI; Frodeman, R., PI; Philosophy &amp; Religion Studies</i>   |  |          |                                  |                |            |                      |               |                    |
| GF1687   | EAGER: Research on the Broader Impacts of Basic Science: Gauging the State of the Art  | Research | National Science Foundation      | Federal        | Co-PI      | \$80,082             | 30%           | \$24,025           |
| Totals for <b>Briggle,Adam Robert Dryden</b>   |  |          |                                  |                |            |                      |               | <b>\$68,081</b>    |
| <b>Frodeman,Robert Lee</b>   |  |          |                                  |                |            |                      |               |                    |
| <i>Frodeman, R., Co-PI; Briggle, A., PI; Philosophy &amp; Religion Studies</i>   |  |          |                                  |                |            |                      |               |                    |
| GF1683   | Understanding the Policy Relevance of 21st Century Philosophy  | Research | National Science Foundation      | Federal        | Co-PI      | \$42,355             | 50%           | \$21,177           |
| <i>Frodeman, R., PI; Briggle, A., Co-PI; Philosophy &amp; Religion Studies</i>   |  |          |                                  |                |            |                      |               |                    |
| GF1687   | EAGER: Research on the Broader Impacts of Basic Science: Gauging the State of the Art  | Research | National Science Foundation      | Federal        | PI         | \$80,082             | 70%           | \$56,058           |
| Totals for <b>Frodeman,Robert Lee</b>  |  |          |                                  |                |            |                      |               | <b>\$77,235</b>    |
| <b>Oppong,Joseph R</b>   |  |          |                                  |                |            |                      |               |                    |
| <i>Oppong, J., PI; Briggle, A., Co-PI; Philosophy &amp; Religion Studies; John, K., Co-PI; Mechanical &amp; Energy Engineering; Wilson, A., Co-PI; Chemistry</i> |  |          |                                  |                |            |                      |               |                    |
| GF1675   | Gaming Graduate Ethics Education in Science & Engineering  | Research | National Science Foundation      | Federal        | PI         | \$76,265             | 50%           | \$38,132           |
| Totals for <b>Oppong,Joseph R</b>  |  |          |                                  |                |            |                      |               | <b>\$38,132</b>    |
| <b>Rozzi,Ricardo</b>   |  |          |                                  |                |            |                      |               |                    |
| GP6377   | Linking Long-Term Socio-Ecological Research and Sustainable Development through Novel US-Chilean Interdisciplinary International Exchanges | Research | Partners of the Americas         | Private        | PI         | \$35,763             | 100%          | \$35,763           |
| Totals for <b>Rozzi,Ricardo</b>  |  |          |                                  |                |            |                      |               | <b>\$35,763</b>    |
| Totals for <b>Philosophy &amp; Religion Studies</b>  |  |          |                                  |                |            |                      |               | <b>\$219,211</b>   |
| <b>Physics</b>   |  |          |                                  |                |            |                      |               |                    |
| <b>Aouadi,Samir M</b>  |  |          |                                  |                |            |                      |               |                    |
| <i>Aouadi, S., PI; Physics; Aouadi, S., PI; Young, M., Co-PI; Materials Science &amp; Engineering</i>  |  |          |                                  |                |            |                      |               |                    |
| GF1708   | REU Site: Advanced Processing and Materials Characterization   | Research | National Science Foundation      | Federal        | PI         | \$109,129            | 10%           | \$10,913           |
| <i>Aouadi, S., PI; Physics; Materials Science &amp; Engineering</i>  |  |          |                                  |                |            |                      |               |                    |
| GF4173   | Atomic-Scale Tuning of Layered Binary Metal Oxides for High Temperature Moving Assemblies  | Research | University of California, Merced | Federal        | PI         | \$3,392              | 20%           | \$678              |
| Totals for <b>Aouadi,Samir M</b>   |  |          |                                  |                |            |                      |               | <b>\$11,591</b>    |
| <b>Buongiorno Nardelli,Marco</b>   |  |          |                                  |                |            |                      |               |                    |

| <b>Project ID</b>   | <b>Title</b>  | <b>Category</b>                      | <b>Sponsor</b>                          | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|---|---|--------------------------------------|---|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>Buongiorno Nardelli, M., PI; Physics; Chemistry</i>                                |   |                                      |   |                       |                   |                             |                      |                           |
| GF4193  | Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies                               | Research                             | Duke University                         | Federal               | PI                | \$94,953                    | 80%                  | \$75,962                  |
| <i>Buongiorno Nardelli, M., PI; Physics; Chemistry</i>                                |   |                                      |   |                       |                   |                             |                      |                           |
| GF4225  | Reciprocating Materials Design with the AFLOWLIB.org Repository   | Research                             | Duke University                         | Federal               | PI                | \$132,362                   | 80%                  | \$129,188                 |
| Totals for  |   | <b>Buongiorno Nardelli,Marco</b>     |   |                       |                   |                             |                      | <b>\$205,151</b>          |
| <b>Drachev,Vladimir Prokopievich</b>  |   |                                      |   |                       |                   |                             |                      |                           |
| GF4213  | Nanofabrication and Characterization of Metamaterials for Spin Optics   | Research                             | State University of New York at Buffalo | Federal               | PI                | \$70,378                    | 100%                 | \$70,378                  |
| Totals for  |   | <b>Drachev,Vladimir Prokopievich</b> |   |                       |                   |                             |                      | <b>\$70,378</b>           |
| <b>Glass,Gary Alan</b>  |   |                                      |   |                       |                   |                             |                      |                           |
| <i>Glass, G., PI; Reinert, T., Co-PI; Physics</i>                                     |   |                                      |   |                       |                   |                             |                      |                           |
| GF4249  | PIXE Spectrometric Mapping of Metabolic Pathway Input to GnRH Neurons   | Research                             | University of Louisiana at Monroe       | Federal               | PI                | \$31,387                    | 50%                  | \$15,694                  |
| Totals for  |   | <b>Glass,Gary Alan</b>               |   |                       |                   |                             |                      | <b>\$15,694</b>           |
| <b>Grigolini,Paolo</b>  |   |                                      |   |                       |                   |                             |                      |                           |
| G70525  | Spectroscopy of Single Molecules and Single Quantum Dots  | Research                             | Robert A. Welch Foundation              | Private               | PI                | \$77,638                    | 100%                 | \$77,638                  |
| GF2644  | From Complexity Management to Artificial Intelligence   | Research                             | Army Research Office                    | Federal               | PI                | \$5,401                     | 100%                 | \$5,401                   |
| GF2696  | Behavioral Constraints on Game Theory   | Research                             | U.S. Army                               | Federal               | PI                | \$58,971                    | 100%                 | \$58,971                  |
| GP7634  | Ergodicity Breaking in Chemical, Biological and Cooperative Systems   | Research                             | Robert A. Welch Foundation              | Private               | PI                | \$317                       | 100%                 | \$317                     |
| Totals for  |   | <b>Grigolini,Paolo</b>               |   |                       |                   |                             |                      | <b>\$142,327</b>          |
| <b>Lin,Yuankun</b>  |   |                                      |   |                       |                   |                             |                      |                           |
| <i>Lin, Y., Co-PI; Physics; Zhang, H., PI; Lin, Y., Co-PI; Electrical Engineering</i> |   |                                      |   |                       |                   |                             |                      |                           |
| GF1590  | Tunable Plasmonic Devices Enabled by Holographically-Formed Polymer Dispersed Liquid Crystals   | Research                             | National Science Foundation             | Federal               | Co-PI             | \$69,005                    | 37.5%                | \$25,877                  |
| <i>Lin, Y., PI; Physics;Lin, Y., PI; Zhang, H., Co-PI; Electrical Engineering</i>     |   |                                      |   |                       |                   |                             |                      |                           |
| GF1660  | Collaborative Research: Digitally Addressable and Scalable Laser Fabrication of 3D Gradient Index Nanostructures and Nanophotonics Circuits | Research                             | National Science Foundation             | Federal               | PI                | \$175,417                   | 37.5%                | \$65,781                  |
| <i>Lin, Y., PI; Physics; Electrical Engineering</i>                                   |   |                                      |   |                       |                   |                             |                      |                           |
| GF4098  | Science and Engineering of Polymeric and Nanoparticle-based Materials for Electronic and Structural Applications                            | Research                             | University of Texas Pan American        | Federal               | PI                | \$127                       | 75%                  | \$95                      |

| Project ID   | Title  | Category                          | Sponsor                            | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|-----------------------------------|------------------------------------|----------------|------------|----------------------|---------------|--------------------|
| <i>Lin, Y., PI; Physics; Electrical Engineering</i>  |  |                                   |                                    |                |            |                      |               |                    |
| GF4228   | Low Threshold Lasing and Selective Sensing Devices Based on Organic Dyes Stabilized in Nanopores and Polymer Photonic Crystals                         | Research                          | University of Texas at San Antonio | Federal        | PI         | \$47,866             | 75%           | \$35,899           |
| Totals for   |  | <b>Lin,Yuankun</b>                |                                    |                |            |                      |               | <b>\$127,653</b>   |
| <b>Littler,Christopher Leslie</b>  |  |                                   |                                    |                |            |                      |               |                    |
| <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                                 | Research                          | Army Research Office               | Federal        | Co-PI      | \$80,004             | 33.33%        | \$26,665           |
| GF2683   | ARO Undergraduate Research Apprenticeship Program (URAP): Electrical Transport in Amorphous Silicon Relevant to Microbolometer IR Imaging Applications | Research                          | Army Research Office               | Federal        | PI         | \$1,682              | 100%          | \$1,682            |
| Totals for   |  | <b>Littler,Christopher Leslie</b> |                                    |                |            |                      |               | <b>\$28,347</b>    |
| <b>Littler,Kay Hansen</b>  |  |                                   |                                    |                |            |                      |               |                    |
| <i>Littler, K., Co-PI; Harrell, P., PI; Hughes, L., Co-PI; Weller, K., Co-PI; Mason, D., Co-PI; Teacher Education &amp; Administration</i> |  |                                   |                                    |                |            |                      |               |                    |
| G72301   | Science and Mathematics Robert Noyce Scholarships  | Others                            | National Science Foundation        | Federal        | Co-PI      | -\$26,360            | 20%           | (\$5,272)          |
| Totals for   |  | <b>Littler,Kay Hansen</b>         |                                    |                |            |                      |               | <b>(\$5,272)</b>   |
| <b>Mueller,Dennis William</b>  |  |                                   |                                    |                |            |                      |               |                    |
| GF1600   | Kinematically Complete Measurements for Positron Impact Ionization of Atoms and Simple Molecules   | Research                          | National Science Foundation        | Federal        | PI         | \$100,642            | 100%          | \$100,642          |
| Totals for   |  | <b>Mueller,Dennis William</b>     |                                    |                |            |                      |               | <b>\$100,642</b>   |
| <b>Neogi,Arup</b>  |  |                                   |                                    |                |            |                      |               |                    |
| GF1669   | Light Modulated Acoustic Devices   | Research                          | National Science Foundation        | Federal        | PI         | \$26,844             | 100%          | \$26,844           |
| Totals for   |  | <b>Neogi,Arup</b>                 |                                    |                |            |                      |               | <b>\$26,844</b>    |
| <b>Ordonez,Carlos A</b>  |  |                                   |                                    |                |            |                      |               |                    |
| G72735   | Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping                               | Research                          | U.S. Department of Energy          | Federal        | PI         | \$40,090             | 100%          | \$40,090           |
| GF1640   | Collaborative Research: Experimental and Theoretical Study of the Plasma of Antihydrogen Generation and Trapping                                       | Research                          | National Science Foundation        | Federal        | PI         | \$2,760              | 100%          | \$2,760            |
| Totals for   |  | <b>Ordonez,Carlos A</b>           |                                    |                |            |                      |               | <b>\$42,850</b>    |
| <b>Philipose,Usha</b>  |  |                                   |                                    |                |            |                      |               |                    |
| <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                                 | Research                          | Army Research Office               | Federal        | Co-PI      | \$80,004             | 33.33%        | \$26,665           |
| Totals for   |  | <b>Philipose,Usha</b>             |                                    |                |            |                      |               | <b>\$26,665</b>    |
| <b>Reinert,Tilo</b>  |  |                                   |                                    |                |            |                      |               |                    |

| Project ID  | Title  | Category    | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|-------------|--|----------------|------------|----------------------|---------------|--------------------|
| <i>Reinert, T., Co-PI; Glass, G., PI; Physics</i> |  |             |  |                |            |                      |               |                    |
| GF4249  | PIXE Spectrometric Mapping of Metabolic Pathway Input to GnRH Neurons                                    | Research    | University of Louisiana at Monroe                            | Federal        | Co-PI      | \$31,387             | 50%           | \$15,694           |
|   |  | Totals for  | <b>Reinert,Tilo</b>  |                |            |                      |               | <b>\$15,694</b>    |
| <b>Roberts,James Andrew</b>                       |  |             |  |                |            |                      |               |                    |
| GF4185  | The Regional Collaborative for Excellence in Science and Teaching  | Instruction | University of Texas at Austin                                | Federal        | PI         | \$1,230              | 100%          | \$1,230            |
| GF4221  | Texas Regional Collaborative for Excellence in Science and Mathematics Teaching                          | Instruction | University of Texas at Austin                                | Federal        | PI         | \$93,159             | 100%          | \$93,159           |
| GF4250  | Texas Regional Collaborative UT Austin   | Instruction | University of Texas at Austin                                | Federal        | PI         | \$2,321              | 100%          | \$2,321            |
|   |  | Totals for  | <b>Roberts,James Andrew</b>                                  |                |            |                      |               | <b>\$96,710</b>    |
| <b>Rostovtsev,Yuri</b>                            |  |             |  |                |            |                      |               |                    |
| GS5193  | Cooperative Resonance in a Cavity and Free Space   | Research    | Texas A&M University - College Station                       | State          | PI         | \$4,629              | 100%          | \$4,629            |
|   |  | Totals for  | <b>Rostovtsev,Yuri</b>                                       |                |            |                      |               | <b>\$4,629</b>     |
| <b>Schultz,David Robert</b>                       |  |             |  |                |            |                      |               |                    |
| GF4177  | An Ion-Neutral Collision Database for Astrophysics   | Research    | The University of Georgia                                    | Federal        | PI         | \$36,277             | 100%          | \$36,277           |
| GF4222  | Energy Deposition in the Upper Atmosphere of Jupiter and Saturn by Energetic Particles: The Polar Aurora | Research    | University of Kansas Center for Research                     | Federal        | PI         | \$24,379             | 100%          | \$24,379           |
|   |  | Totals for  | <b>Schultz,David Robert</b>                                  |                |            |                      |               | <b>\$60,655</b>    |
| <b>Shemmer,Ohad</b>                               |  |             |  |                |            |                      |               |                    |
| GF4100  | Sensitive Spitzer Photometry of Supermassive Black Holes at the Final Stage of Adolescence               | Research    | California Institute of Technology-Jet Propulsion Laboratory | Federal        | PI         | -\$130               | 100%          | (\$130)            |
| GF4117  | Exploratory X-Ray Monitoring of z>4 Radio-Quiet Quasars  | Research    | Smithsonian Astrophysical Observatory                        | Federal        | PI         | -\$200               | 100%          | (\$200)            |
|   |  | Totals for  | <b>Shemmer,Ohad</b>  |                |            |                      |               | <b>(\$330)</b>     |
| <b>Shiner,David C</b>                             |  |             |  |                |            |                      |               |                    |
| GF1598  | Precision Laser Studies of Basic Atoms and Nuclei  | Research    | National Science Foundation                                  | Federal        | PI         | \$121,198            | 100%          | \$121,198          |
| GF1694  | Precision Laser Studies of Basic Atoms and Nuclei  | Research    | National Science Foundation                                  | Federal        | PI         | \$11,148             | 100%          | \$11,148           |

| Project ID  | Title  | Category                        | Sponsor                                    | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|---------------------------------|--|----------------|------------|----------------------|---------------|--------------------|
| GF1726  | Convenient Visible and UV Laser Sources using Nonlinear Conversion   | Research                        | National Science Foundation                | Federal        | PI         | \$9,607              | 100%          | \$9,607            |
| Totals for  |  | <b>Shiner,David C</b>           |  |                |            |                      |               | <b>\$141,954</b>   |
| <b>Syllaios,Athanasios John</b>   |  |                                 |  |                |            |                      |               |                    |
| <i>Syllaios, A., PI; Philipose, U., Co-PI; Littler, C., Co-PI; Physics</i>  |  |                                 |  |                |            |                      |               |                    |
| GF2627  | Analysis of Electrical Transport Mechanisms In Amorphous Silicon Relevant to Uncooled Microbolometer Sensor Technology | Research                        | Army Research Office                       | Federal        | PI         | \$80,004             | 33.34%        | \$26,673           |
| Totals for  |  | <b>Syllaios,Athanasios John</b> |  |                |            |                      |               | <b>\$26,673</b>    |
| Totals for  |  | <b>Physics</b>                  |  |                |            |                      |               | <b>\$1,138,855</b> |
| <b>Political Science</b>  |  |                                 |  |                |            |                      |               |                    |
| <b>Breuning,Marijke</b>   |  |                                 |  |                |            |                      |               |                    |
| <i>Breuning, M., Co-PI; Ishiyama, J., PI; Martinez-Ebers, V., Co-PI; Forde, S., Co-PI; Political Science</i>      |  |                                 |  |                |            |                      |               |                    |
| GP6230  | Editorship for the American Political Science Review   | Public Service                  | The American Political Science Association | Private        | Co-PI      | \$246,478            | 25%           | \$61,620           |
| Totals for  |  | <b>Breuning,Marijke</b>         |  |                |            |                      |               | <b>\$61,620</b>    |
| <b>Forde,Steven Paul</b>  |  |                                 |  |                |            |                      |               |                    |
| <i>Forde, S., Co-PI; Ishiyama, J., PI; Breuning, M., Co-PI; Martinez-Ebers, V., Co-PI; Political Science</i>      |  |                                 |  |                |            |                      |               |                    |
| GP6230  | Editorship for the American Political Science Review   | Public Service                  | The American Political Science Association | Private        | Co-PI      | \$246,478            | 25%           | \$61,620           |
| GP6426  | Guest Speaker for Steven Forde's PSCI 4330 Honors Class  | Instruction                     | Charles Koch Foundation                    | Private        | PI         | \$3,000              | 100%          | \$3,000            |
| GP6462  | Speaker Series for Students of Classical Texts of Political Thought  | Public Service                  | Charles Koch Foundation                    | Private        | PI         | \$585                | 100%          | \$585              |
| Totals for  |  | <b>Forde,Steven Paul</b>        |  |                |            |                      |               | <b>\$65,204</b>    |
| <b>Gibson,Michael R</b>   |  |                                 |  |                |            |                      |               |                    |
| <i>Gibson, M., Co-PI; Ishiyama, J., Co-PI; Political Science; Nader, R., PI; International Studies &amp; Prog</i> |  |                                 |  |                |            |                      |               |                    |
| GF4258  | Making an Impact in Policy Analysis in Georgia: Improving Research, Education, and Engagement                          | Instruction                     | Free University of Tbilisi                 | Federal        | Co-PI      | \$14,981             | 40%           | \$5,992            |
| Totals for  |  | <b>Gibson,Michael R</b>         |  |                |            |                      |               | <b>\$5,992</b>     |
| <b>Ishiyama,John T.</b>   |  |                                 |  |                |            |                      |               |                    |
| <i>Ishiyama, J., PI; Political Science; Oppong, J., Co-PI; Geography</i>  |  |                                 |  |                |            |                      |               |                    |
| GF1682  | REU Site: Civil Conflict Management and Peace Science  | Research                        | National Science Foundation                | Federal        | PI         | \$129,851            | 80%           | \$103,881          |
| <i>Ishiyama, J., Co-PI; Gibson, M., Co-PI; Political Science; Nader, R., PI; International Studies &amp; Prog</i> |  |                                 |  |                |            |                      |               |                    |
| GF4258  | Making an Impact in Policy Analysis in Georgia: Improving Research, Education, and Engagement                          | Instruction                     | Free University of Tbilisi                 | Federal        | Co-PI      | \$14,981             | 50%           | \$7,490            |
| <i>Ishiyama, J., PI; Breuning, M., Co-PI; Martinez-Ebers, V., Co-PI; Forde, S., Co-PI; Political Science</i>      |  |                                 |  |                |            |                      |               |                    |
| GP6230  | Editorship for the American Political Science Review   | Public Service                  | The American Political Science Association | Private        | PI         | \$246,478            | 25%           | \$61,620           |
| Totals for  |  | <b>Ishiyama,John T.</b>         |  |                |            |                      |               | <b>\$172,990</b>   |

| Project ID   | Title   | Category                            | Sponsor   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|-------------------------------------|---|----------------|------------|----------------------|---------------|--------------------|
| <b>Martinez-Ebers, Valerie Jane</b>  |   |                                     |   |                |            |                      |               |                    |
| <i>Martinez-Ebers, V., Co-PI; Ishiyama, J., PI; Breuning, M., Co-PI; Forde, S., Co-PI; Political Science</i> |   |                                     |   |                |            |                      |               |                    |
| GP6230   | Editorship for the American Political Science Review  | Public Service                      | The American Political Science Association                    | Private        | Co-PI      | \$246,478            | 25%           | \$61,620           |
| Totals for   |   | <b>Martinez-Ebers, Valerie Jane</b> |   |                |            |                      |               | <b>\$61,620</b>    |
| <b>Salehyan, Idean</b>   |   |                                     |   |                |            |                      |               |                    |
| GF4006   | Program on Climate Change, State Stability, and Political Risk in Africa  | Research                            | University Texas at Austin                                    | Federal        | PI         | \$53,435             | 100%          | \$53,435           |
| Totals for   |   | <b>Salehyan, Idean</b>              |   |                |            |                      |               | <b>\$53,435</b>    |
| Totals for   |   | <b>Political Science</b>            |   |                |            |                      |               | <b>\$420,861</b>   |
| <b>Psychology</b>  |   |                                     |   |                |            |                      |               |                    |
| <b>Boals, Adriel</b>   |   |                                     |   |                |            |                      |               |                    |
| GP6294   | Expressive Writing Study  | Research                            | Aarhus University   | Private        | PI         | \$2,600              | 100%          | \$2,600            |
| GP6295   | Veterans and Coping Study   | Research                            | Aarhus University   | Private        | PI         | \$290                | 100%          | \$290              |
| Totals for   |   | <b>Boals, Adriel</b>                |   |                |            |                      |               | <b>\$2,890</b>     |
| <b>Callahan, Jennifer Lynn</b>   |   |                                     |   |                |            |                      |               |                    |
| <i>Callahan, J., Co-PI; Petrie, T., PI; Psychology</i>   |   |                                     |   |                |            |                      |               |                    |
| GP6425   | SMART Brain Training and the Cognitive and Psychosocial Functioning of College Student Athletes                                   | Research                            | University of Texas at Dallas                                 | Private        | Co-PI      | \$7,395              | 50%           | \$3,698            |
| GP6482   | Assessment of Profession-Wide Competencies in Health Service Psychology: Pre-Practicum, Internal Practicum, and Externship Levels | Research                            | Association of Psychology Postdoctoral and Internship Centers | Private        | PI         | \$2,558              | 100%          | \$2,558            |
| GP6484   | Assessment of Competencies Among Doctoral Students in Psychology  | Research                            | American Psychological Foundation                             | Private        | PI         | \$1,486              | 100%          | \$1,486            |
| Totals for   |   | <b>Callahan, Jennifer Lynn</b>      |   |                |            |                      |               | <b>\$7,742</b>     |
| <b>Hook, Joshua Nord</b>   |   |                                     |   |                |            |                      |               |                    |
| GP6286   | Relational Humility: An Interdisciplinary Approach to the Study of Humility   | Research                            | Virginia Commonwealth University                              | Private        | PI         | \$13,665             | 100%          | \$13,665           |
| GP6324   | Intellectual Humility in Religious Leaders  | Research                            | Fuller Theological Seminary                                   | Private        | PI         | \$74,887             | 100%          | \$74,887           |
| GP6334   | A Model of Bullying Based on Gratitude and its Effects on Social Bonds  | Research                            | Georgia State University                                      | Private        | PI         | -\$135               | 100%          | (\$135)            |
| GP6393   | Behavioral Measure of Humility in Couples   | Research                            | Georgia State University                                      | Private        | PI         | \$5,583              | 100%          | \$5,583            |

| <b>Project ID</b>                                      | <b>Title</b>  | <b>Category</b>             | <b>Sponsor</b>                           | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|--|---|-----------------------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| GP6444   | Does Knowledge of Science and World Religions Lead to Representations of God as Transcendent?                                   | Research                    | Arizona State University                 | Private               | PI                | \$6,187                     | 100%                 | \$6,187                   |
| Totals for   |   | <b>Hook,Joshua Nord</b>     |  |                       |                   |                             |                      | <b>\$100,188</b>          |
| <b>Neumann,Craig S</b>                                 |   |                             |  |                       |                   |                             |                      |                           |
| GF4088   | Comparing Interventions to Improve the Well-Being of Custodial Grandfamilies  | Research                    | Kent State University                    | Federal               | PI                | \$72,676                    | 100%                 | \$72,676                  |
| GP6360   | Examining Cognitive Processes in Psychopaths in a Population-Based Sample   | Research                    | The William H. Donner Foundation, Inc.   | Private               | PI                | \$835                       | 100%                 | \$835                     |
| Totals for   |   | <b>Neumann,Craig S</b>      |  |                       |                   |                             |                      | <b>\$73,512</b>           |
| <b>Parsons,Thomas David</b>                            |   |                             |  |                       |                   |                             |                      |                           |
| GF4208   | Advanced Automated Assessment of Cognitive Changes Associated with Brain Injury and Neurological Disease                        | Research                    | SoarTech                                 | Federal               | PI                | \$1,057                     | 100%                 | \$1,057                   |
| GF4248   | Advanced Automated Assessment of Cognitive Changes Associated with Brain Injury and Neurological Disease                        | Research                    | SoarTech                                 | Federal               | PI                | \$14,114                    | 100%                 | \$14,114                  |
| Totals for   |   | <b>Parsons,Thomas David</b> |  |                       |                   |                             |                      | <b>\$15,171</b>           |
| <b>Petrie,Trent A</b>                                  |   |                             |  |                       |                   |                             |                      |                           |
| GP6362   | Psychological Well-Being of Female Collegiate Athletes Post Career: A Longitudinal Investigation                                | Research                    | Association for Applied Sport Psychology | Private               | PI                | \$40                        | 100%                 | \$40                      |
| GP6423   | Psychological Well-Being of Female Collegiate Athletes: A Longitudinal Investigation  | Research                    | National Collegiate Athletic Association | Private               | PI                | \$13,269                    | 100%                 | \$13,269                  |
| <i>Petrie, T., PI; Callahan, J., Co-PI; Psychology</i> |   |                             |  |                       |                   |                             |                      |                           |
| GP6425   | SMART Brain Training and the Cognitive and Psychosocial Functioning of College Student Athletes                                 | Research                    | University of Texas at Dallas            | Private               | PI                | \$7,395                     | 50%                  | \$3,698                   |
| GP6475   | Psychological Well-Being and the Help Seeking Attitudes and Behaviors of Male and Female Collegiate Athletes                    | Research                    | Association for Applied Sport Psychology | Private               | PI                | \$900                       | 100%                 | \$900                     |
| Totals for   |   | <b>Petrie,Trent A</b>       |  |                       |                   |                             |                      | <b>\$17,907</b>           |
| <b>Rogers,Richard</b>                                  |   |                             |  |                       |                   |                             |                      |                           |
| GF1638   | Juvenile Miranda Warnings: Comprehension and Invocation of Constitutional Safeguards  | Research                    | National Science Foundation              | Federal               | PI                | \$135,909                   | 100%                 | \$135,909                 |
| Totals for   |   | <b>Rogers,Richard</b>       |  |                       |                   |                             |                      | <b>\$135,909</b>          |
| <b>Ruggero,Camilo</b>                                  |   |                             |  |                       |                   |                             |                      |                           |
| GF4237   | The Daily Burden of Post-Traumatic Stress Disorder (PTSD) and Lower Respiratory Symptoms (LRS) in World Trade Center Responders | Research                    | Stony Brook University                   | Federal               | PI                | \$60,588                    | 100%                 | \$60,588                  |



| Project ID   | Title  | Category                       | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|--------------------------------|--|----------------|------------|----------------------|---------------|--------------------|
| GP6330   | Improving the Assessment of Bipolar Disorder Among Spanish-Speaking Hispanics in Texas   | Research                       | Hogg Foundation for Mental Health                      | Private        | PI         | \$1,199              | 100%          | \$1,199            |
| GP6330   | Improving the Assessment of Bipolar Disorder Among Spanish-Speaking Hispanics in Texas   | Research                       | Hogg Foundation for Mental Health                      | Private        | PI         | \$39                 | 4%            | \$39               |
|  | Totals for   | <b>Ruggero,Camilo</b>          |  |                |            |                      |               | <b>\$61,826</b>    |
| <b>Ruiz,John M.</b>  |  |                                |  |                |            |                      |               |                    |
| GF2651   | Social Vigilance and Atherosclerotic Risk  | Research                       | National Institutes of Health                          | Federal        | PI         | \$392,336            | 100%          | \$392,336          |
|  | Totals for   | <b>Ruiz,John M.</b>            |  |                |            |                      |               | <b>\$392,336</b>   |
| <b>Taylor,Daniel</b>   |  |                                |  |                |            |                      |               |                    |
| GF2630   | Comparing Internet and In-person Brief Cognitive Behavioral Therapy of Insomnia  | Research                       | U.S. Department of Defense                             | Federal        | PI         | \$265,119            | 100%          | \$265,119          |
| GF2651   | Social Vigilance and Atherosclerotic Risk  | Research                       | National Institutes of Health                          | Federal        | PI         | \$48,398             | 100%          | \$48,398           |
|  | Totals for   | <b>Taylor,Daniel</b>           |  |                |            |                      |               | <b>\$313,517</b>   |
| <b>Trost,Zina</b>  |  |                                |  |                |            |                      |               |                    |
| GP6323   | The Impact of Perceived Injustice among Individuals with Chronic Low Back Pain   | Research                       | International Association for the Study of Pail (IASP) | Private        | PI         | \$13,148             | 100%          | \$13,148           |
|  | Totals for   | <b>Trost,Zina</b>              |  |                |            |                      |               | <b>\$13,148</b>    |
|  | Totals for   | <b>Psychology</b>              |  |                |            |                      |               | <b>\$1,134,145</b> |
| <b>Radio/TV/Film (KNTU-FM)</b>   |  |                                |  |                |            |                      |               |                    |
| <b>Albarran,Alan B</b>   |  |                                |  |                |            |                      |               |                    |
| <i>Albarran, A., Co-PI; Radio/TV/Film (KNTU-FM); Barbieri, E., PI; Engineering Technology; Boggiano-barbieri, A., Co-PI; Foreign Languages &amp; Literatures</i> |  |                                |  |                |            |                      |               |                    |
| GP6303   | "Inventiones de la Inventiva": Employing KUHF's "Engines of Our Ingenuity" to Increase Engineering Education Opportunities in the Hispanic Community               | Research                       | United Engineering Foundation                          | Private        | Co-PI      | \$18,176             | 20%           | \$3,635            |
|  | Totals for   | <b>Albarran,Alan B</b>         |  |                |            |                      |               | <b>\$3,635</b>     |
|  | Totals for   | <b>Radio/TV/Film (KNTU-FM)</b> |  |                |            |                      |               | <b>\$3,635</b>     |
| <b>Sociology</b>   |  |                                |  |                |            |                      |               |                    |
| <b>Cready,Cynthia M</b>  |  |                                |  |                |            |                      |               |                    |
| GP6409   | Research Design Creation for Observational Pilot Study - Effect of Packaging on Timeliness of Oral Medication Preparation in the Skilled Nursing Community Setting | Research                       | Symbria  | Private        | PI         | \$5,872              | 100%          | \$5,872            |
| GP6487   | Effect of Packaging on Timeliness of Oral Medication Preparation in the Skilled Nursing Community Setting  | Research                       | Symbria  | Private        | PI         | \$2,722              | 100%          | \$2,722            |
|  | Totals for   | <b>Cready,Cynthia M</b>        |  |                |            |                      |               | <b>\$8,594</b>     |

| Project ID  | Title  | Category  | Sponsor                                 | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount  |
|---|--|---|---|----------------|------------|----------------------|---------------|---------------------|
| <b>Williamson,David Allen</b>   |  |   |   |                |            |                      |               |                     |
| GP6359  | Sociology Masters of Sociology in Jerusalem, Israel  | Instruction   | Mercatz Lelimudim Michutz Laaretz-Amuta | Private        | PI         | -\$46,802            | 100%          | (\$46,802)          |
| Totals for  |  | <b>Williamson,David Allen</b>                         |   |                |            |                      |               | <b>(\$46,802)</b>   |
| Totals for  |  | <b>Sociology</b>                                      |   |                |            |                      |               | <b>(\$38,208)</b>   |
| <b>Technical Communication</b>  |  |   |   |                |            |                      |               |                     |
| <b>Montler,Timothy Robert</b>   |  |   |   |                |            |                      |               |                     |
| GF2653  | Saanich Dictionary and Electronic Text Archive   | Research  | National Endowment for the Humanities   | Federal        | PI         | \$101,590            | 100%          | \$101,590           |
| Totals for  |  | <b>Montler,Timothy Robert</b>                         |   |                |            |                      |               | <b>\$101,590</b>    |
| Totals for  |  | <b>Technical Communication</b>                        |   |                |            |                      |               | <b>\$101,590</b>    |
| Totals for  |  | <b>College of Arts &amp; Sciences</b>                 |   |                |            |                      |               | <b>\$12,253,985</b> |
| <b>College of Business</b>  |  |   |   |                |            |                      |               |                     |
| <b>Information Technology &amp; Decision Sciences</b>   |  |   |   |                |            |                      |               |                     |
| <b>Kim,Dan Jong</b>   |  |   |   |                |            |                      |               |                     |
| <i>Kim, D., Co-PI; Information Technology &amp; Decision Sciences; Dantu, R., PI; Computer Science &amp; Engineering; Hawamdeh, S., Co-PI; Library &amp; Information Sciences</i>               |  |   |   |                |            |                      |               |                     |
| GF1634  | SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance | Instruction   | National Science Foundation             | Federal        | Co-PI      | \$149,900            | 25%           | \$37,475            |
| <i>Kim, D., Co-PI; Information Technology &amp; Decision Sciences; Dantu, R., PI; Computer Science &amp; Engineering; Hawamdeh, S., Co-PI; Library &amp; Information Sciences</i>               |  |   |   |                |            |                      |               |                     |
| GF1634  | SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance | Research  | National Science Foundation             | Federal        | Co-PI      | \$1,410              | 25%           | \$352               |
| Totals for  |  | <b>Kim,Dan Jong</b>                                   |   |                |            |                      |               | <b>\$37,828</b>     |
| <b>Kulkarni,Shailesh S</b>  |  |   |   |                |            |                      |               |                     |
| <i>Kulkarni, S., Co-PI; Nowicki, D., PI; Information Technology &amp; Decision Sciences; Nowicki, D., PI; Sauser, B., Co-PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Marketing and Logistics</i> |  |   |   |                |            |                      |               |                     |
| GP6356  | Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas                 | Research  | Greyhound Lines, Inc                    | Private        | Co-PI      | \$16,338             | 20%           | \$3,268             |
| Totals for  |  | <b>Kulkarni,Shailesh S</b>                            |   |                |            |                      |               | <b>\$3,268</b>      |
| <b>Nowicki,David Richard</b>  |  |   |   |                |            |                      |               |                     |
| <i>Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology &amp; Decision Sciences; Nowicki, D., PI; Sauser, B., Co-PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Marketing and Logistics</i> |  |   |   |                |            |                      |               |                     |
| GP6356  | Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas                 | Research  | Greyhound Lines, Inc                    | Private        | PI         | \$16,338             | 8%            | \$1,307             |
| Totals for  |  | <b>Nowicki,David Richard</b>                          |   |                |            |                      |               | <b>\$1,307</b>      |
| Totals for  |  | <b>Information Technology &amp; Decision Sciences</b> |   |                |            |                      |               | <b>\$42,402</b>     |
| <b>Management</b>   |  |   |   |                |            |                      |               |                     |
| <b>Mendes,Anthony Manuel</b>  |  |   |   |                |            |                      |               |                     |

| Project ID | Title                                    | Category   | Sponsor                               | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |            |
|------------|--|------------|---------------------------------------|----------------|------------|----------------------|---------------|--------------------|------------|
| GF4170     | CASA Warning System Innovation Institute | Research   | University of Massachusetts - Amherst | Federal        | PI         | \$0                  | 100%          | \$0                |            |
|            |  | Totals for | <b>Mendes,Anthony Manuel</b>          |                |            |                      |               |                    | <b>\$0</b> |
|            |  | Totals for | <b>Management</b>                     |                |            |                      |               |                    | <b>\$0</b> |

### Marketing and Logistics

#### Nowicki,David Richard

*Nowicki, D., PI; Sauser, B., Co-PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences*

|        |  |            |                              |         |    |          |     |         |                |
|--------|--|------------|------------------------------|---------|----|----------|-----|---------|----------------|
| GP6356 | Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas | Research   | Greyhound Lines, Inc         | Private | PI | \$16,338 | 32% | \$5,228 |                |
|        |  | Totals for | <b>Nowicki,David Richard</b> |         |    |          |     |         | <b>\$5,228</b> |

#### Pohlen,Terrance L

*Pohlen, T., Co-PI; Nowicki, D., PI; Sauser, B., Co-PI; Randall, W., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences*

|        |  |   |                                    |         |       |          |     |          |                 |
|--------|--|---|------------------------------------|---------|-------|----------|-----|----------|-----------------|
| GP6356 | Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas | Research  | Greyhound Lines, Inc               | Private | Co-PI | \$16,338 | 10% | \$1,634  |                 |
|        |  | <i>Pohlen, T., PI; Marketing and Logistics; Bomba, M., Co-PI; Center For Economic Development</i> |                                    |         |       |          |     |          |                 |
| GS5204 | NEPA Reporting Synthesis of State Practices  | Research  | Texas Department of Transportation | State   | PI    | \$22,410 | 50% | \$11,205 |                 |
|        |  | Totals for  | <b>Pohlen,Terrance L</b>           |         |       |          |     |          | <b>\$12,839</b> |

#### Randall,Wesley Spencer

*Randall, W., Co-PI; Nowicki, D., PI; Sauser, B., Co-PI; Pohlen, T., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences*

|        |  |            |                               |         |       |          |     |         |                |
|--------|--|------------|-------------------------------|---------|-------|----------|-----|---------|----------------|
| GP6356 | Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas | Research   | Greyhound Lines, Inc          | Private | Co-PI | \$16,338 | 20% | \$3,268 |                |
|        |  | Totals for | <b>Randall,Wesley Spencer</b> |         |       |          |     |         | <b>\$3,268</b> |

#### Sauser,Brian Joseph

*Sauser, B., Co-PI; Nowicki, D., PI; Randall, W., Co-PI; Pohlen, T., Co-PI; Marketing and Logistics; Nowicki, D., PI; Kulkarni, S., Co-PI; Information Technology & Decision Sciences*

|        |  |            |                                |         |       |          |     |         |                 |
|--------|--|------------|--------------------------------|---------|-------|----------|-----|---------|-----------------|
| GP6356 | Establishing a Long-Standing, Collaborative Relationship between Greyhound and the University of North Texas | Research   | Greyhound Lines, Inc           | Private | Co-PI | \$16,338 | 10% | \$1,634 |                 |
|        |  | Totals for | <b>Sauser,Brian Joseph</b>     |         |       |          |     |         | <b>\$1,634</b>  |
|        |  | Totals for | <b>Marketing and Logistics</b> |         |       |          |     |         | <b>\$22,969</b> |
|        |  | Totals for | <b>College of Business</b>     |         |       |          |     |         | <b>\$65,371</b> |

### College of Education

#### Child Development Lab

#### Hagen,Carol K

*Hagen, C., Co-PI; Child Development Lab; Collins, S., PI; AVP Enrollment Management*

|        |  |                |                              |         |       |           |     |           |                  |
|--------|--|----------------|------------------------------|---------|-------|-----------|-----|-----------|------------------|
| GF0602 | Child Care Access Means Parents In School (CCAMPIS) 2009 | Public Service | U.S. Department of Education | Federal | Co-PI | -\$25,565 | 20% | (\$5,113) |                  |
|        |  | Totals for     | <b>Hagen,Carol K</b>         |         |       |           |     |           | <b>(\$5,113)</b> |
|        |  | Totals for     | <b>Child Development Lab</b> |         |       |           |     |           | <b>(\$5,113)</b> |

#### COE Autism Center

| Project ID   | Title  | Category       | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------------|--|----------------|------------|----------------------|---------------|--------------------|
| <b>Callahan, Kevin John</b>  |  |                |  |                |            |                      |               |                    |
| <i>Callahan, K., Co-PI; COE Autism Center; Mehta, S., PI; Combes, B., Co-PI; Boesch, M., Co-PI; Educational Psychology</i> |  |                |  |                |            |                      |               |                    |
| GF0614   | Project STArT: Systematic Training of Autism Teachers  | Instruction    | U.S. Department of Education                                     | Federal        | Co-PI      | \$255,286            | 13.33%        | \$34,030           |
| GF4259   | Adventures in Autism Intervention and Research   | Public Service | Texas Council for Developmental Disabilities (TCDD)              | Federal        | PI         | \$5,400              | 100%          | \$5,400            |
| GS5201   | Evaluation of the Innovative Services  | Public Service | Texas Department of Assistive and Rehabilitative Services (DARS) | State          | PI         | \$15,226             | 100%          | \$15,226           |
| Totals for   | <b>Callahan, Kevin John</b>  |                |  |                |            |                      |               | <b>\$54,656</b>    |
| Totals for   | <b>COE Autism Center</b>   |                |  |                |            |                      |               | <b>\$54,656</b>    |
| <b>Counseling &amp; Higher Education</b>   |  |                |  |                |            |                      |               |                    |
| <b>Bower, Beverly</b>  |  |                |  |                |            |                      |               |                    |
| GP6306   | Council for the Study of Community Colleges  | Research       | Council for the Study of Community Colleges                      | Private        | PI         | \$6,179              | 100%          | \$6,179            |
| Totals for   | <b>Bower, Beverly</b>  |                |  |                |            |                      |               | <b>\$6,179</b>     |
| <b>Bratton, Sue C</b>  |  |                |  |                |            |                      |               |                    |
| <i>Bratton, S., Co-PI; Ray, D., PI; Counseling &amp; Higher Education</i>  |  |                |  |                |            |                      |               |                    |
| GP6372   | Mental Health Services for Low-Income Children, Family and Adult Residents of Denton County  | Public Service | Flow Health Care Foundation, Inc.                                | Private        | Co-PI      | \$3,908              | 20%           | \$782              |
| <i>Bratton, S., Co-PI; Ray, D., PI; Counseling &amp; Higher Education</i>  |  |                |  |                |            |                      |               |                    |
| GP6439   | Mental Health Services for Low-Income Children, Family and Adult Residents of Denton County  | Public Service | Flow Health Care Foundation, Inc.                                | Private        | Co-PI      | \$8,313              | 20%           | \$1,663            |
| Totals for   | <b>Bratton, Sue C</b>  |                |  |                |            |                      |               | <b>\$2,444</b>     |
| <b>Chen, Pu-Shih Daniel</b>  |  |                |  |                |            |                      |               |                    |
| <i>Chen, P., PI; Counseling &amp; Higher Education; Simon, J., Co-PI; AVP Planning &amp; Inst Research</i>                 |  |                |  |                |            |                      |               |                    |
| GP6478   | What Does Direct Evidence Via Card Swipe Tell Us About Student Engagement and Retention?: A Study of the Engagement Research Index Project | Research       | NASPA-Student Affairs Administrators in Higher Education         | Private        | PI         | \$503                | 50%           | \$252              |
| Totals for   | <b>Chen, Pu-Shih Daniel</b>  |                |  |                |            |                      |               | <b>\$252</b>       |
| <b>Ray, Deanne C</b>   |  |                |  |                |            |                      |               |                    |
| <i>Ray, D., PI; Bratton, S., Co-PI; Counseling &amp; Higher Education</i>  |  |                |  |                |            |                      |               |                    |
| GP6372   | Mental Health Services for Low-Income Children, Family and Adult Residents of Denton County  | Public Service | Flow Health Care Foundation, Inc.                                | Private        | PI         | \$3,908              | 80%           | \$3,126            |
| <i>Ray, D., PI; Bratton, S., Co-PI; Counseling &amp; Higher Education</i>  |  |                |  |                |            |                      |               |                    |
| GP6439   | Mental Health Services for Low-Income Children, Family and Adult Residents of Denton County  | Public Service | Flow Health Care Foundation, Inc.                                | Private        | PI         | \$8,313              | 80%           | \$6,650            |
| Totals for   | <b>Ray, Deanne C</b>   |                |  |                |            |                      |               | <b>\$9,776</b>     |
| <b>Taylor, Barrett Jay</b>   |  |                |  |                |            |                      |               |                    |

| Project ID | Title  | Category                                 | Sponsor                   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|------------|--|--|---------------------------|----------------|------------|----------------------|---------------|--------------------|
| GF4175     | The Executive Science Network: University Trustees and the Organization of University Industry Exchanges | Research                                 | The University of Georgia | Federal        | PI         | \$32,683             | 100%          | \$32,683           |
|            | Totals for   | <b>Taylor,Barrett Jay</b>                |                           |                |            |                      |               | <b>\$32,683</b>    |
|            | Totals for   | <b>Counseling &amp; Higher Education</b> |                           |                |            |                      |               | <b>\$51,333</b>    |

### Educational Psychology

#### Boesch,Miriam Chacon

*Boesch, M., Co-PI; Mehta, S., PI; Combes, B., Co-PI; Educational Psychology; Callahan, K., Co-PI; COE Autism Center*

|        |   |                             |                              |         |       |           |        |                 |
|--------|---|-----------------------------|------------------------------|---------|-------|-----------|--------|-----------------|
| GF0614 | Project STArT: Systematic Training of Autism Teachers | Instruction                 | U.S. Department of Education | Federal | Co-PI | \$255,286 | 13.33% | \$34,030        |
|        | Totals for  | <b>Boesch,Miriam Chacon</b> |                              |         |       |           |        | <b>\$34,030</b> |

#### Bullock,Lyndal M

*Bullock, L., PI; Estes, M., Co-PI; Educational Psychology*

|        |  |                         |                              |         |    |           |      |                  |
|--------|--|-------------------------|------------------------------|---------|----|-----------|------|------------------|
| GF0600 | Graduate Preparation for Transition and Instructional Leadership for Services to Students with Low Incidence Disabilities: Emphasis on Academic and Social Success in LRE through Implementation of Evidence-based Practices and Instructional Programming   | Instruction             | U.S. Department of Education | Federal | PI | \$109,929 | 50%  | \$54,965         |
| GF0606 | Preparing Personnel to Provide Secondary Transition Services to Adolescents with Disabilities Designed to Increase Their Academic Outcomes and Options for Postsecondary Success: Emphasis on Adolescents with or At-Risk for Emotional/Behavioral Difficult | Instruction             | U.S. Department of Education | Federal | PI | \$316,253 | 100% | \$316,253        |
|        | Totals for   | <b>Bullock,Lyndal M</b> |                              |         |    |           |      | <b>\$371,217</b> |

#### Combes,Bertina H

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

|        |  |                         |                              |         |       |           |        |                  |
|--------|--|-------------------------|------------------------------|---------|-------|-----------|--------|------------------|
| GF0609 | Project TELL: Training Effective Leaders for High-Needs Schools Through Local Partnerships                                 | Instruction             | U.S. Department of Education | Federal | PI    | \$225,346 | 34%    | \$76,618         |
|        | <i>Combes, B., Co-PI; Mehta, S., PI; Boesch, M., Co-PI; Educational Psychology; Callahan, K., Co-PI; COE Autism Center</i> |                         |                              |         |       |           |        |                  |
| GF0614 | Project STArT: Systematic Training of Autism Teachers  | Instruction             | U.S. Department of Education | Federal | Co-PI | \$255,286 | 13.34% | \$34,055         |
|        | Totals for   | <b>Combes,Bertina H</b> |                              |         |       |           |        | <b>\$110,673</b> |

#### Estes,Mary C Bailey

*Estes, M., Co-PI; Bullock, L., PI; Educational Psychology*

|        |  |                            |                              |         |       |           |     |                 |
|--------|--|----------------------------|------------------------------|---------|-------|-----------|-----|-----------------|
| GF0600 | Graduate Preparation for Transition and Instructional Leadership for Services to Students with Low Incidence Disabilities: Emphasis on Academic and Social Success in LRE through Implementation of Evidence-based Practices and Instructional Programming | Instruction                | U.S. Department of Education | Federal | Co-PI | \$109,929 | 50% | \$54,965        |
|        | Totals for   | <b>Estes,Mary C Bailey</b> |                              |         |       |           |     | <b>\$54,965</b> |

#### Jacobson,Arminta Lee

| <b>Project ID</b>  | <b>Title</b>  | <b>Category</b> | <b>Sponsor</b>   | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|--|---|-----------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>Jacobson, A., Co-PI; Mowell, C., PI; Educational Psychology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GF4125   | HIPPY HHSC Technical Assistance Grant   | Public Service  | Texas Health and Human Services Commission                       | Federal               | Co-PI             | \$52,633                    | 50%                  | \$26,317                  |
| <i>Jacobson, A., Co-PI; Mowell, C., PI; Educational Psychology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GF4190   | Texas HIPPYCorps  | Instruction     | AmeriCorps   | Federal               | Co-PI             | \$80,749                    | 50%                  | \$40,375                  |
| <i>Jacobson, A., Co-PI; Mowell, C., PI; Educational Psychology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GF4212   | HIPPY HHSC Technical Assistance Grant   | Public Service  | Texas Health and Human Services Commission                       | Federal               | Co-PI             | \$105,852                   | 50%                  | \$52,926                  |
| <i>Jacobson, A., Co-PI; Mowell, C., PI; Educational Psychology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GF4236   | Texas HIPPY Corps   | Instruction     | AmeriCorps   | Federal               | Co-PI             | \$370,261                   | 50%                  | \$185,131                 |
| GP6299   | Impact of HIPPY on Material Self-Efficacy   | Research        | Timberlawn Psychiatric Research Foundation                       | Private               | PI                | \$1,807                     | 100%                 | \$1,807                   |
| <i>Jacobson, A., Co-PI; Mowell, C., PI; Educational Psychology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GP6438   | HIPPY Technical Assistance  | Public Service  | Home Instruction for Parents of Preschool Youngsters (HIPPY) USA | Private               | Co-PI             | \$12,100                    | 50%                  | \$6,050                   |
| Totals for <b>Jacobson,Arminta Lee</b>   |   |                 |  |                       |                   |                             |                      | <b>\$312,605</b>          |
| <b>Lindo,Endia Jones</b>   |   |                 |  |                       |                   |                             |                      |                           |
| <i>Lindo, E., Co-PI; Mehta, S., Co-PI; Combes, B., PI; Educational Psychology</i>  |   |                 |  |                       |                   |                             |                      |                           |
| GF0609   | Project TELL: Training Effective Leaders for High-Needs Schools Through Local Partnerships                              | Instruction     | U.S. Department of Education                                     | Federal               | Co-PI             | \$225,346                   | 33%                  | \$74,364                  |
| Totals for <b>Lindo,Endia Jones</b>  |   |                 |  |                       |                   |                             |                      | <b>\$74,364</b>           |
| <b>Mehta,Smita</b>   |   |                 |  |                       |                   |                             |                      |                           |
| <i>Mehta, S., Co-PI; Combes, B., PI; Lindo, E., Co-PI; Educational Psychology</i>  |   |                 |  |                       |                   |                             |                      |                           |
| GF0609   | Project TELL: Training Effective Leaders for High-Needs Schools Through Local Partnerships                              | Instruction     | U.S. Department of Education                                     | Federal               | Co-PI             | \$225,346                   | 33%                  | \$74,364                  |
| <i>Mehta, S., PI; Combes, B., Co-PI; Boesch, M., Co-PI; Educational Psychology; Callahan, K., Co-PI; COE Autism Center</i> |   |                 |  |                       |                   |                             |                      |                           |
| GF0614   | Project STARt: Systematic Training of Autism Teachers   | Instruction     | U.S. Department of Education                                     | Federal               | PI                | \$255,286                   | 60%                  | \$153,171                 |
| Totals for <b>Mehta,Smita</b>  |   |                 |  |                       |                   |                             |                      | <b>\$227,535</b>          |
| <b>Middlemiss,Wendy</b>  |   |                 |  |                       |                   |                             |                      |                           |
| GP6459   | Infants Perceptions of Maternal Technological Distractions: Is Mothers' Cellphone Use Generating the Still Face Effect? | Research        | Timberlawn Psychiatric Research Foundation                       | Private               | PI                | \$1,000                     | 100%                 | \$1,000                   |
| Totals for <b>Middlemiss,Wendy</b>   |   |                 |  |                       |                   |                             |                      | <b>\$1,000</b>            |
| <b>Mowell,Carla M</b>  |   |                 |  |                       |                   |                             |                      |                           |
| <i>Mowell, C., PI; Jacobson, A., Co-PI; Educational Psychology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GF4125   | HIPPY HHSC Technical Assistance Grant   | Public Service  | Texas Health and Human Services Commission                       | Federal               | PI                | \$52,633                    | 50%                  | \$26,317                  |

| <b>Project ID</b>  | <b>Title</b>                          | <b>Category</b>               | <b>Sponsor</b>   | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|--|---------------------------------------|-------------------------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>Mowell, C., PI; Jacobson, A., Co-PI; Educational Psychology</i> |                                       |                               |  |                       |                   |                             |                      |                           |
| GF4190   | Texas HIPPYCorps                      | Instruction                   | AmeriCorps   | Federal               | PI                | \$80,749                    | 50%                  | \$40,375                  |
| <i>Mowell, C., PI; Jacobson, A., Co-PI; Educational Psychology</i> |                                       |                               |  |                       |                   |                             |                      |                           |
| GF4212   | HIPPY HHSC Technical Assistance Grant | Public Service                | Texas Health and Human Services Commission                       | Federal               | PI                | \$105,852                   | 50%                  | \$52,926                  |
| <i>Mowell, C., PI; Jacobson, A., Co-PI; Educational Psychology</i> |                                       |                               |  |                       |                   |                             |                      |                           |
| GF4236   | Texas HIPPY Corps                     | Instruction                   | AmeriCorps   | Federal               | PI                | \$370,261                   | 50%                  | \$185,131                 |
| <i>Mowell, C., PI; Jacobson, A., Co-PI; Educational Psychology</i> |                                       |                               |  |                       |                   |                             |                      |                           |
| GP6438   | HIPPY Technical Assistance            | Public Service                | Home Instruction for Parents of Preschool Youngsters (HIPPY) USA | Private               | PI                | \$12,100                    | 50%                  | \$6,050                   |
| Totals for   |                                       | <b>Mowell,Carla M</b>         |  |                       |                   |                             |                      | <b>\$310,798</b>          |
| Totals for   |                                       | <b>Educational Psychology</b> |  |                       |                   |                             |                      | <b>\$1,497,187</b>        |

### ***Kinesiology, Health Promotion and Recreation***

#### **Gu,Xiangli**

|            |  |                   |  |         |    |         |      |                |
|------------|--|-------------------|--|---------|----|---------|------|----------------|
| GP6387     | Do Physically Literate Adolescents Have Better Academic Performance? | Research          | Society of Health and Physical Educators (SHAPE America) | Private | PI | \$4,794 | 100% | \$4,794        |
| Totals for |  | <b>Gu,Xiangli</b> |  |         |    |         |      | <b>\$4,794</b> |

#### **Hill,David Wilfred**

*Hill, D., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation*

|            |  |                           |                     |         |       |           |     |                 |
|------------|--|---------------------------|---------------------|---------|-------|-----------|-----|-----------------|
| GP6419     | Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure | Research                  | Bergstrom Nutrition | Private | Co-PI | \$121,703 | 10% | \$12,170        |
| Totals for |  | <b>Hill,David Wilfred</b> |                     |         |       |           |     | <b>\$12,170</b> |

#### **Keller,Marian Jean**

|            |   |                           |   |       |    |           |      |                  |
|------------|---|---------------------------|---|-------|----|-----------|------|------------------|
| GA4400     | AVATAR  | Public Service            | Texas Higher Education Coordinating Board | State | PI | \$221,691 | 100% | \$221,691        |
| GS5165     | Allied Health Pathway: A Minority Male Initiative | Research                  | Texas Higher Education Coordinating Board | State | PI | \$164,400 | 100% | \$164,400        |
| GS6028     | 2013-2014 Vertical Alignment Training Grant       | Public Service            | Texas Woman's University                  | State | PI | -\$148    | 100% | (\$148)          |
| Totals for |   | <b>Keller,Marian Jean</b> |   |       |    |           |      | <b>\$385,943</b> |

#### **Mcfarlin,Brian Keith**

*Mcfarlin, B., PI; Biology; Kinesiology, Health Promotion and Recreation*

|        |  |          |                |         |    |          |     |          |
|--------|--|----------|----------------|---------|----|----------|-----|----------|
| GP6300 | Do Individuals with Below Average Fitness Respond Differently to Wellmune WGP Supplementation Prior to Exercise in a Hot, Humid Environment? | Research | Biothera, Inc. | Private | PI | \$46,112 | 90% | \$41,501 |
|--------|--|----------|----------------|---------|----|----------|-----|----------|

| Project ID   | Title   | Category | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------|--|----------------|------------|----------------------|---------------|--------------------|
| GP6317   | Comparing the Metabolic Effects of Exercise on the Fish and Kangaroo Machine Versus Cycling?  | Research | Fish and Kangaroo Machine                      | Private        | PI         | \$11,410             | 100%          | \$11,410           |
| <i>Mcfarlin, B., PI; Kinesiology, Health Promotion and Recreation; Biology</i>   |   |          |  |                |            |                      |               |                    |
| GP6317   | Comparing the Metabolic Effects of Exercise on the Fish and Kangaroo Machine Versus Cycling?  | Research | Fish and Kangaroo Machine                      | Private        | PI         | \$975                | 90%           | \$878              |
| <i>Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biology</i> |   |          |  |                |            |                      |               |                    |
| GP6325   | To Determine the Dosing Pattern for IgY along with Appropriate Biomarkers for Detection in Serum                                    | Research | IGY Immune Technologies & Life Sciences, Inc.  | Private        | PI         | \$114                | 56%           | \$62               |
| <i>Mcfarlin, B., PI; Kinesiology, Health Promotion and Recreation; Biology</i>   |   |          |  |                |            |                      |               |                    |
| GP6328   | The Effect of Different Types of Under Armour Heat Shirts on Body Temperature and Heat Loss Potential in a Sustained Exercise Model | Research | Under Armour, Inc.                             | Private        | PI         | -\$10                | 90%           | (\$9)              |
| GP6329   | Comparison of Blood Biomarkers Between Traditional Blood Spots, Hemaspots, and Serum in Women of Differing Obesity Status           | Research | Spot on Sciences, Inc.                         | Private        | PI         | \$2,338              | 100%          | \$2,338            |
| <i>Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biology</i> |   |          |  |                |            |                      |               |                    |
| GP6413   | How Does Curcumin Alter Recovery and Inflammation After Muscle Damage?  | Research | National Strength and Conditioning Association | Private        | PI         | \$13,750             | 45%           | \$6,188            |
| <i>Mcfarlin, B., PI; Hill, D., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation</i>                               |   |          |  |                |            |                      |               |                    |
| GP6419   | Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure  | Research | Bergstrom Nutrition                            | Private        | PI         | \$98,412             | 45%           | \$44,285           |
| <i>Mcfarlin, B., PI; Hill, D., Co-PI; Vingren, J., Co-PI; Kinesiology, Health Promotion and Recreation</i>                               |   |          |  |                |            |                      |               |                    |
| GP6419   | Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure  | Research | Bergstrom Nutrition                            | Private        | PI         | \$23,291             | 50%           | \$11,646           |
| GP6424   | Treatment with Longvida: Potential to Modulate Inflammation and Reduce Muscle Recovery Time Following Injury                        | Research | Verdure Sciences                               | Private        | PI         | \$49,091             | 100%          | \$49,091           |
| <i>Mcfarlin, B., PI; Mcfarlin, B., PI; Kinesiology, Health Promotion and Recreation</i>  |   |          |  |                |            |                      |               |                    |
| GP6424   | Treatment with Longvida: Potential to Modulate Inflammation and Reduce Muscle Recovery Time Following Injury                        | Research | Verdure Sciences                               | Private        | PI         | -\$1,484             | 10%           | (\$148)            |
| <i>Mcfarlin, B., PI; Mcfarlin, B., PI; Kinesiology, Health Promotion and Recreation</i>  |   |          |  |                |            |                      |               |                    |
| GP6424   | Treatment with Longvida: Potential to Modulate Inflammation and Reduce Muscle Recovery Time Following Injury                        | Research | Verdure Sciences                               | Private        | PI         | -\$1,484             | 90%           | (\$1,336)          |
| GP6467   | The Effects of 8-weeks of Vitamin K2 Supplementation on Cardiovascular Performance  | Research | Nu Science                                     | Private        | PI         | \$7,005              | 100%          | \$7,005            |
| <i>Mcfarlin, B., PI; Kinesiology, Health Promotion and Recreation;Mcfarlin, B., PI; Biology</i>  |   |          |  |                |            |                      |               |                    |
| GP6467   | The Effects of 8-weeks of Vitamin K2 Supplementation on Cardiovascular Performance  | Research | Nu Science                                     | Private        | PI         | \$3,798              | 90%           | \$3,418            |
| Totals for <b>Mcfarlin,Brian Keith</b>   |   |          |  |                |            |                      |               | <b>\$176,328</b>   |

**Thomas,Katherine T**



| Project ID   | Title  | Category | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------|--|----------------|------------|----------------------|---------------|--------------------|
| <i>Thomas, K., Co-PI; Zhang, T., PI; Kinesiology, Health Promotion and Recreation</i>  |  |          |  |                |            |                      |               |                    |
| GP6388   | Social Ecological Analysis of Physical Activity and Health-related Quality of Life in Low-Income Hispanic Children | Research | Society of Health and Physical Educators (SHAPE America) | Private        | Co-PI      | \$4,493              | 50%           | \$2,247            |
| Totals for <b>Thomas,Katherine T</b>   |  |          |  |                |            |                      |               | <b>\$2,247</b>     |
| <b>Vingren,Jakob Langberg</b>  |  |          |  |                |            |                      |               |                    |
| <i>Vingren, J., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion and Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biology</i> |  |          |  |                |            |                      |               |                    |
| GP6325   | To Determine the Dosing Pattern for IgY along with Appropriate Biomarkers for Detection in Serum                   | Research | IGY Immune Technologies & Life Sciences, Inc.            | Private        | Co-PI      | \$114                | 36%           | \$41               |
| GP6346   | Effect of Post-Resistance Exercise Alcohol Ingestion on the Acute Hormonal Response in Women                       | Research | National Strength and Conditioning Association           | Private        | PI         | \$4,396              | 100%          | \$4,396            |
| <i>Vingren, J., PI; Biology; Kinesiology, Health Promotion and Recreation</i>  |  |          |  |                |            |                      |               |                    |
| GP6347   | Effect of Alcohol Ingestion on Resistance Exercise Induced mTOR Signaling in Muscle                                | Research | National Strength and Conditioning Association           | Private        | PI         | \$5,290              | 90%           | \$4,761            |
| <i>Vingren, J., PI; Biology; Kinesiology, Health Promotion and Recreation</i>  |  |          |  |                |            |                      |               |                    |
| GP6411   | Master's Grant   | Research | National Strength and Conditioning Association           | Private        | PI         | \$7,442              | 90%           | \$6,698            |
| <i>Vingren, J., PI; Biology; Kinesiology, Health Promotion and Recreation</i>  |  |          |  |                |            |                      |               |                    |
| GP6412   | Effect of Post-Resistance Exercise Alcohol Ingestion on Muscle Steroid Hormone Receptors                           | Research | National Strength and Conditioning Association           | Private        | PI         | \$24,000             | 90%           | \$21,600           |
| <i>Vingren, J., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion and Recreation; Vingren, J., Co-PI; Mcfarlin, B., PI; Biology</i> |  |          |  |                |            |                      |               |                    |
| GP6413   | How Does Curcumin Alter Recovery and Inflammation After Muscle Damage?   | Research | National Strength and Conditioning Association           | Private        | Co-PI      | \$13,750             | 45%           | \$6,188            |
| <i>Vingren, J., Co-PI; Mcfarlin, B., PI; Hill, D., Co-PI; Kinesiology, Health Promotion and Recreation</i>                               |  |          |  |                |            |                      |               |                    |
| GP6419   | Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure   | Research | Bergstrom Nutrition                                      | Private        | Co-PI      | \$98,412             | 36%           | \$35,428           |
| <i>Vingren, J., Co-PI; Mcfarlin, B., PI; Hill, D., Co-PI; Kinesiology, Health Promotion and Recreation</i>                               |  |          |  |                |            |                      |               |                    |
| GP6419   | Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure   | Research | Bergstrom Nutrition                                      | Private        | Co-PI      | \$15,097             | 4%            | \$604              |
| <i>Vingren, J., Co-PI; Mcfarlin, B., PI; Hill, D., Co-PI; Kinesiology, Health Promotion and Recreation</i>                               |  |          |  |                |            |                      |               |                    |
| GP6419   | Evaluation OptiMSM and Glucosamine HCL as Tissue Damage Countermeasure   | Research | Bergstrom Nutrition                                      | Private        | Co-PI      | \$23,291             | 40%           | \$9,316            |
| Totals for <b>Vingren,Jakob Langberg</b>   |  |          |  |                |            |                      |               | <b>\$89,032</b>    |
| <b>Zhang,Tao</b>   |  |          |  |                |            |                      |               |                    |
| <i>Zhang, T., PI; Thomas, K., Co-PI; Kinesiology, Health Promotion and Recreation</i>  |  |          |  |                |            |                      |               |                    |
| GP6388   | Social Ecological Analysis of Physical Activity and Health-related Quality of Life in Low-Income Hispanic Children | Research | Society of Health and Physical Educators (SHAPE America) | Private        | PI         | \$4,493              | 50%           | \$2,247            |
| Totals for <b>Zhang,Tao</b>  |  |          |  |                |            |                      |               | <b>\$2,247</b>     |
| Totals for <b>Kinesiology, Health Promotion and Recreation</b>   |  |          |  |                |            |                      |               | <b>\$672,760</b>   |

**Teacher Education & Administration**

| Project ID   | Title   | Category       | Sponsor                                   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------------|---|----------------|------------|----------------------|---------------|--------------------|
| <b>Boyd,Rossana R</b>  |   |                |   |                |            |                      |               |                    |
| GA4504   | Alonzo Scholarship 2014-2015  | Instruction    | Texas Higher Education Coordinating Board | State          | PI         | \$154,985            | 100%          | \$154,985          |
| <i>Boyd, R., PI; Subramaniam, K., Co-PI; Teacher Education &amp; Administration</i>  |   |                |   |                |            |                      |               |                    |
| GF0610   | Title III: National Professional Development Program - Project NEXUS                                      | Instruction    | U.S. Department of Education              | Federal        | PI         | \$132,131            | 50%           | \$66,066           |
| Totals for <b>Boyd,Rossana R</b>   |   |                |   |                |            |                      |               | <b>\$221,051</b>   |
| <b>Eddy,Colleen M</b>  |   |                |   |                |            |                      |               |                    |
| <i>Eddy, C., PI; Harrell, P., Co-PI; Teacher Education &amp; Administration; Quintanilla, J., Co-PI; Mathematics; Hughes, L., Co-PI; Biology</i> |   |                |   |                |            |                      |               |                    |
| GF1557   | UNT Science and Mathematics Robert Noyce Scholarship  | Public Service | National Science Foundation               | Federal        | PI         | \$218,964            | 51%           | \$111,671          |
| <i>Eddy, C., Co-PI; Harrell, P., PI; Teacher Education &amp; Administration</i>  |   |                |   |                |            |                      |               |                    |
| GF4130   | Ft. Worth/Dallas XTreem Science and Math Institute  | Instruction    | Texas Higher Education Coordinating Board | Federal        | Co-PI      | \$4                  | 49%           | \$2                |
| <i>Eddy, C., PI; Harrell, P., Co-PI; Teacher Education &amp; Administration</i>  |   |                |   |                |            |                      |               |                    |
| GF4178   | An Examination of the Professional Growth of Teachers Participating in a Professional Development Program | Instruction    | Texas Christian University                | Federal        | PI         | -\$2,870             | 50%           | (\$1,435)          |
| <i>Eddy, C., Co-PI; Harrell, P., PI; Teacher Education &amp; Administration</i>  |   |                |   |                |            |                      |               |                    |
| GF4214   | North Texas Collaborative for Science, Math and Writing   | Instruction    | Texas Higher Education Coordinating Board | Federal        | Co-PI      | \$584,748            | 50%           | \$292,374          |
| <i>Eddy, C., Co-PI; Harrell, P., PI; Teacher Education &amp; Administration</i>  |   |                |   |                |            |                      |               |                    |
| GF4217   | An Examination of the Professional Growth of Teachers in a Professional Development Program               | Instruction    | Texas Christian University                | Federal        | PI         | \$40,588             | 51%           | \$20,700           |
| Totals for <b>Eddy,Colleen M</b>   |   |                |   |                |            |                      |               | <b>\$423,313</b>   |
| <b>Gonzalez-Carriedo,Ricardo</b>   |   |                |   |                |            |                      |               |                    |
| GP6396   | Improving Adult Literacy through Extensive Reading in North Texas: City of Denton                         | Public Service | Dollar General Foundation                 | Private        | PI         | \$8,000              | 100%          | \$8,000            |
| Totals for <b>Gonzalez-Carriedo,Ricardo</b>  |   |                |   |                |            |                      |               | <b>\$8,000</b>     |
| <b>Harrell,Pamela Esprivalo</b>  |   |                |   |                |            |                      |               |                    |
| <i>Harrell, P., PI; Hughes, L., Co-PI; Littler, K., Co-PI; Weller, K., Co-PI; Mason, D., Co-PI; Teacher Education &amp; Administration</i>       |   |                |   |                |            |                      |               |                    |
| G72301   | Science and Mathematics Robert Noyce Scholarships   | Others         | National Science Foundation               | Federal        | PI         | -\$26,360            | 20%           | (\$5,272)          |
| <i>Harrell, P., Co-PI; Eddy, C., PI; Teacher Education &amp; Administration; Quintanilla, J., Co-PI; Mathematics; Hughes, L., Co-PI; Biology</i> |   |                |   |                |            |                      |               |                    |
| GF1557   | UNT Science and Mathematics Robert Noyce Scholarship  | Public Service | National Science Foundation               | Federal        | Co-PI      | \$218,964            | 35%           | \$76,637           |
| <i>Harrell, P., PI; Eddy, C., Co-PI; Teacher Education &amp; Administration</i>  |   |                |   |                |            |                      |               |                    |
| GF4130   | Ft. Worth/Dallas XTreem Science and Math Institute  | Instruction    | Texas Higher Education Coordinating Board | Federal        | PI         | \$4                  | 51%           | \$2                |

| Project ID  | Title   | Category       | Sponsor                                   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|---|----------------|---|----------------|------------|----------------------|---------------|--------------------|
| <i>Harrell, P., Co-PI; Eddy, C., PI; Teacher Education &amp; Administration</i>                     |   |                |   |                |            |                      |               |                    |
| GF4178  | An Examination of the Professional Growth of Teachers Participating in a Professional Development Program | Instruction    | Texas Christian University                | Federal        | Co-PI      | -\$2,870             | 50%           | (\$1,435)          |
| <i>Harrell, P., PI; Eddy, C., Co-PI; Teacher Education &amp; Administration</i>                     |   |                |   |                |            |                      |               |                    |
| GF4214  | North Texas Collaborative for Science, Math and Writing   | Instruction    | Texas Higher Education Coordinating Board | Federal        | PI         | \$584,748            | 50%           | \$292,374          |
| <i>Harrell, P., PI; Eddy, C., Co-PI; Teacher Education &amp; Administration</i>                     |   |                |   |                |            |                      |               |                    |
| GF4217  | An Examination of the Professional Growth of Teachers in a Professional Development Program               | Instruction    | Texas Christian University                | Federal        | Co-PI      | \$40,588             | 49%           | \$19,888           |
| <i>Harrell, P., Co-PI; Teacher Education &amp; Administration; Quintanilla, J., PI; Mathematics</i> |   |                |   |                |            |                      |               |                    |
| GP6415  | TI Foundation Grant III for Teach North Texas   | Instruction    | Texas Instruments Foundation              | Private        | Co-PI      | \$194,259            | 50%           | \$97,129           |
| <i>Harrell, P., Co-PI; Teacher Education &amp; Administration; Thompson, R., PI; Biology</i>        |   |                |   |                |            |                      |               |                    |
| GP6415  | TI Foundation Grant III for Teach North Texas   | Instruction    | Texas Instruments Foundation              | Private        | Co-PI      | \$5,462              | 50%           | \$2,731            |
| Totals for <b>Harrell,Pamela Esprivalo</b>  |   |                |   |                |            |                      |               | <b>\$482,055</b>   |
| <b>Harris,Mary M</b>  |   |                |   |                |            |                      |               |                    |
| <i>Harris, M., Co-PI; Quintanilla, J., PI; Mathematics; Teacher Education &amp; Administration</i>  |   |                |   |                |            |                      |               |                    |
| GP6213  | Teach North Texas   | Public Service | Texas Instruments Foundation              | Private        | Co-PI      | \$1,920              | 50%           | \$960              |
| Totals for <b>Harris,Mary M</b>   |   |                |   |                |            |                      |               | <b>\$960</b>       |
| <b>Subramaniam,Karthigeyan</b>  |   |                |   |                |            |                      |               |                    |
| <i>Subramaniam, K., Co-PI; Boyd, R., PI; Teacher Education &amp; Administration</i>                 |   |                |   |                |            |                      |               |                    |
| GF0610  | Title III: National Professional Development Program - Project NEXUS                                      | Instruction    | U.S. Department of Education              | Federal        | Co-PI      | \$132,131            | 50%           | \$66,066           |
| Totals for <b>Subramaniam,Karthigeyan</b>   |   |                |   |                |            |                      |               | <b>\$66,066</b>    |
| <b>Wickstrom,Carol D</b>  |   |                |   |                |            |                      |               |                    |
| GF4219  | National Writing Project 2014   | Public Service | National Writing Project                  | Federal        | PI         | \$1,584              | 100%          | \$1,584            |
| GF4227  | National Writing Project High Needs Schools   | Public Service | National Writing Project                  | Federal        | PI         | \$19,654             | 100%          | \$19,654           |
| GS6033  | Write for Texas   | Instruction    | University of Texas at Austin             | State          | PI         | \$379,804            | 100%          | \$379,804          |
| GS6035  | Write for Texas   | Instruction    | University of Texas at Austin             | State          | PI         | \$17,194             | 100%          | \$17,194           |
| Totals for <b>Wickstrom,Carol D</b>   |   |                |   |                |            |                      |               | <b>\$418,236</b>   |
| Totals for <b>Teacher Education &amp; Administration</b>  |   |                |   |                |            |                      |               | <b>\$1,619,680</b> |
| Totals for <b>College of Education</b>  |   |                |   |                |            |                      |               | <b>\$3,890,503</b> |

**College of Engineering**

| Project ID  | Title  | Category       | Sponsor                                   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|----------------|---|----------------|------------|----------------------|---------------|--------------------|
| <b>Computer Science &amp; Engineering</b>   |  |                |   |                |            |                      |               |                    |
| <b>Akl,Robert</b>   |  |                |   |                |            |                      |               |                    |
| <i>Akl, R., PI; Keathly, D., Co-PI; Computer Science &amp; Engineering</i>  |  |                |   |                |            |                      |               |                    |
| GA4521  | App Design Summer Camp   | Public Service | Texas Higher Education Coordinating Board | State          | PI         | \$4,395              | 70%           | \$3,076            |
| GA4522  | App Design Summer Camp   | Public Service | Texas Higher Education Coordinating Board | State          | PI         | \$13,071             | 100%          | \$13,071           |
|   |  | Totals for     | <b>Akl,Robert</b>                         |                |            |                      |               | <b>\$16,147</b>    |
| <b>Blanco Villar,Eduardo</b>  |  |                |   |                |            |                      |               |                    |
| GF1717  | Extra-Propositional Aspects of Meaning in Computational Linguistics Workshop   | Research       | National Science Foundation               | Federal        | PI         | \$1,500              | 100%          | \$1,500            |
|   |  | Totals for     | <b>Blanco Villar,Eduardo</b>              |                |            |                      |               | <b>\$1,500</b>     |
| <b>Bryce,Renee Cathryn</b>  |  |                |   |                |            |                      |               |                    |
| GF1643  | CAP-Bugs: A Process to Capture, Analyze and Prevent Bugs   | Research       | National Science Foundation               | Federal        | PI         | \$12,423             | 100%          | \$12,423           |
| GF1650  | CAP-Bugs: A Process to Capture, Analyze and Prevent Bugs   | Research       | National Science Foundation               | Federal        | PI         | \$59,712             | 100%          | \$59,712           |
| GF1652  | REU Site: Bug Wars: A Collaborative Software Testing Research Experience for Undergraduates                                | Research       | National Science Foundation               | Federal        | PI         | \$4,645              | 100%          | \$4,645            |
| GF1664  | REU Site: Bug Wars: A Collaborative Software Testing Research Experience for Undergraduates                                | Research       | National Science Foundation               | Federal        | PI         | \$12,837             | 100%          | \$12,837           |
| <i>Bryce, R., PI; Takabi, H., Co-PI; Computer Science &amp; Engineering</i>   |  |                |   |                |            |                      |               |                    |
| GF1707  | REU Site: Secure Software Testing for Web and Mobile Applications: Research Experience for Undergraduates                  | Research       | National Science Foundation               | Federal        | PI         | \$111,689            | 50%           | \$55,844           |
| <i>Bryce, R., Co-PI; Mikler, A., PI; Schneider, T., Co-PI; Computer Science &amp; Engineering; Tiwari, C., Co-PI; Geography</i> |  |                |   |                |            |                      |               |                    |
| GF2667  | Minimizing Access Disparities in Bio-Emergency Response Planning   | Research       | National Institutes of Health             | Federal        | Co-PI      | \$270,117            | 15%           | \$40,518           |
| GF4169  | Developing Improved Metadata Software  | Research       | Utah State University                     | Federal        | PI         | \$72,345             | 100%          | \$72,345           |
|   |  | Totals for     | <b>Bryce,Renee Cathryn</b>                |                |            |                      |               | <b>\$258,324</b>   |
| <b>Caragea,Cornelia Alexandra</b>   |  |                |   |                |            |                      |               |                    |
| <i>Caragea, C., PI; Computer Science &amp; Engineering; Caragea, C., PI; Library &amp; Information Sciences</i>                 |  |                |   |                |            |                      |               |                    |
| GF1671  | EAGER: Collaborative Research: Establishing Trustworthy Citizen-Created Data for Disaster Response and Humanitarian Action | Research       | National Science Foundation               | Federal        | PI         | \$21,607             | 80%           | \$17,286           |

| <b>Project ID</b>   | <b>Title</b>   | <b>Category</b> | <b>Sponsor</b>              | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b>               | <b>Recognition Amount</b> |                  |
|---|--|-----------------|-----------------------------|-----------------------|-------------------|-----------------------------|------------------------------------|---------------------------|------------------|
| <i>Caragea, C., PI; Computer Science &amp; Engineering; Caragea, C., PI; Library &amp; Information Sciences</i>   |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| GF1700  | TWC: Small: Collaborative: Towards Privacy Preserving Online Image Sharing   | Research        | National Science Foundation | Federal               | PI                | \$18,523                    | 80%                                | \$14,818                  |                  |
| <i>Caragea, C., PI; Tarau, P., Co-PI; Computer Science &amp; Engineering; Caragea, C., PI; Library &amp; Information Sciences</i>   |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| GF1703  | III: Small: Collaborative Research: Keyphrase Extraction in Document Networks  | Research        | National Science Foundation | Federal               | PI                | \$27,708                    | 14%                                | \$3,879                   |                  |
| <i>Caragea, C., PI; Tarau, P., Co-PI; Computer Science &amp; Engineering; Caragea, C., PI; Library &amp; Information Sciences</i>   |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| GF1703  | III: Small: Collaborative Research: Keyphrase Extraction in Document Networks  | Research        | National Science Foundation | Federal               | PI                | \$47,386                    | 56%                                | \$26,536                  |                  |
| <i>Caragea, C., PI; Tarau, P., Co-PI; Computer Science &amp; Engineering; Caragea, C., PI; Library &amp; Information Sciences</i>   |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| GF1703  | III: Small: Collaborative Research: Keyphrase Extraction in Document Networks  | Research        | National Science Foundation | Federal               | PI                | \$811                       | 70%                                | \$568                     |                  |
| Totals for  |  |                 |                             |                       |                   |                             | <b>Caragea, Cornelia Alexandra</b> |                           | <b>\$63,087</b>  |
| <b>Dantu, Ramanamurthy</b>  |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| <i>Dantu, R., PI; Kavi, K., Co-PI; Computer Science &amp; 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                   | Research        | National Science Foundation | Federal               | PI                | \$2,228                     | 90%                                | \$2,005                   |                  |
| GF1580  | RET Supplement: Collaborative Research: CRI: IAD: A Testbed for Research and Development on Next Generation 9-1-1 Services   | Research        | National Science Foundation | Federal               | PI                | \$1,438                     | 100%                               | \$1,438                   |                  |
| <i>Dantu, R., PI; Computer Science &amp; Engineering; Kim, D., Co-PI; Information Technology &amp; Decision Sciences; Hawamdeh, S., Co-PI; Library &amp; Information Sciences</i> |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| GF1634  | SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance | Instruction     | National Science Foundation | Federal               | PI                | \$149,900                   | 50%                                | \$74,950                  |                  |
| <i>Dantu, R., PI; Computer Science &amp; Engineering; Kim, D., Co-PI; Information Technology &amp; Decision Sciences; Hawamdeh, S., Co-PI; Library &amp; Information Sciences</i> |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| GF1634  | SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance | Research        | National Science Foundation | Federal               | PI                | \$1,410                     | 50%                                | \$705                     |                  |
| <i>Dantu, R., PI; Computer Science &amp; Engineering; Tam, N., Co-PI; Biology</i>   |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| GF1646  | MRI: CloudCar: Development of a Diverse Distributed Instrument for Vehicles in the Cloud                                     | Research        | National Science Foundation | Federal               | PI                | \$245,501                   | 90%                                | \$220,951                 |                  |
| GF1657  | Collaborative Research: CRI: IAD: A Testbed for Research and Development of Next Generation 9-1-1 Services                   | Research        | National Science Foundation | Federal               | PI                | -\$2,298                    | 100%                               | (\$2,298)                 |                  |
| Totals for  |  |                 |                             |                       |                   |                             | <b>Dantu, Ramanamurthy</b>         |                           | <b>\$297,750</b> |
| <b>Dong, Qunfeng</b>  |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| <i>Dong, Q., PI; Chemistry; Computer Science &amp; Engineering</i>  |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| GF4144  | Diversity of Dynamic Stability of the Ocular Surface Microbiome  | Research        | University of Washington    | Federal               | PI                | \$207                       | 100%                               | \$83                      |                  |
| <i>Dong, Q., PI; Computer Science &amp; Engineering; Biology</i>  |  |                 |                             |                       |                   |                             |                                    |                           |                  |
| GF4176  | Natural Variation and Drought Response in Developing Maize Inflorescence   | Research        | Iowa State University       | Federal               | Co-PI             | \$55,930                    | 40%                                | \$22,372                  |                  |

| <b>Project ID</b>  | <b>Title</b>  | <b>Category</b> | <b>Sponsor</b>   | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|--|---|-----------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>Dong, Q., PI; Computer Science &amp; Engineering; Biology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GF4176   | Natural Variation and Drought Response in Developing Maize Inflorescence  | Research        | Iowa State University                                    | Federal               | PI                | \$30,206                    | 40%                  | \$12,082                  |
| <i>Dong, Q., PI; Computer Science &amp; Engineering; Biology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GF4202   | Genomic Analysis of Immunity and Chronic Lung Inflammation in HIV Infection                                       | Research        | Indiana University-Purdue University Indianapolis        | Federal               | PI                | -\$75                       | 40%                  | (\$30)                    |
| <i>Dong, Q., PI; Computer Science &amp; Engineering; Biology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GF4205   | Lung Microbiome Project 5 Year  | Research        | Indiana University-Purdue University Indianapolis        | Federal               | PI                | -\$207                      | 100%                 | (\$83)                    |
| <i>Dong, Q., PI; Computer Science &amp; Engineering; Biology</i>   |   |                 |  |                       |                   |                             |                      |                           |
| GP6373   | Mechanism of Microbiome-included Insulin Resistance in Humans   | Research        | University of Texas Health Science Center at San Antonio | Private               | PI                | -\$96                       | 40%                  | (\$39)                    |
| Totals for <b>Dong,Qunfeng</b>   |   |                 |  |                       |                   |                             |                      | <b>\$34,386</b>           |
| <b>Gomathisankaran,Mahadevan</b>   |   |                 |  |                       |                   |                             |                      |                           |
| <i>Gomathisankaran, M., PI; Kavi, K., Co-PI; Computer Science &amp; Engineering</i>                                  |   |                 |  |                       |                   |                             |                      |                           |
| GF1661   | IUCRC FRP: Risk Assessment Techniques for Off-line and On-line Security Evaluation of Cloud Computing             | Research        | National Science Foundation                              | Federal               | PI                | \$21,865                    | 50%                  | \$10,933                  |
| <i>Gomathisankaran, M., PI; Kavi, K., Co-PI; Computer Science &amp; Engineering</i>                                  |   |                 |  |                       |                   |                             |                      |                           |
| GF4143   | Sensor Fusion Research for Net-Centric Application  | Research        | Arizona State University                                 | Federal               | PI                | \$16                        | 50%                  | \$8                       |
| Totals for <b>Gomathisankaran,Mahadevan</b>  |   |                 |  |                       |                   |                             |                      | <b>\$10,941</b>           |
| <b>Huang,Yan</b>   |   |                 |  |                       |                   |                             |                      |                           |
| GF1565   | III: Small: AegisDB: Integrated Real-Time Geo-Stream Processing and Monitoring System: A Data-Type-Based Approach | Research        | National Science Foundation                              | Federal               | PI                | \$15,923                    | 100%                 | \$15,923                  |
| GF1699   | US-Based Students Support to Attend ACM SIGSPATIAL 2014   | Research        | National Science Foundation                              | Federal               | PI                | \$26,722                    | 100%                 | \$26,722                  |
| GF2665   | Geotagging Social Media for Enhanced Location-Based Search  | Research        | National Geospatial-Intelligence Agency                  | Federal               | PI                | \$175,200                   | 100%                 | \$175,200                 |
| GS5166   | Evaluation of Existing Smartphone Applications and Data Needs for Travel Surveys                                  | Research        | Texas Department of Transportation                       | State                 | PI                | \$3,787                     | 100%                 | \$3,787                   |
| Totals for <b>Huang,Yan</b>  |   |                 |  |                       |                   |                             |                      | <b>\$221,633</b>          |
| <b>Kavi,Krishna M</b>  |   |                 |  |                       |                   |                             |                      |                           |
| <i>Kavi, K., Co-PI; Dantu, R., PI; Computer Science &amp; 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        | Research        | National Science Foundation                              | Federal               | Co-PI             | \$2,228                     | 5%                   | \$111                     |
| GF1503   | Collaborative Research: IUCRC Center Proposal: Net-Centric Software and Systems                                   | Research        | National Science Foundation                              | Federal               | PI                | \$140                       | 100%                 | \$140                     |

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|---|---|-----------------|---|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| GF1591  | FRP: QoS-Assured Service Composition and Execution  | Research        | National Science Foundation               | Federal               | PI                | -\$751                      | 100%                 | (\$751)                   |
| <i>Kavi, K., Co-PI; Gomathisankaran, M., PI; Computer Science &amp; Engineering</i>     |   |                 |   |                       |                   |                             |                      |                           |
| GF1661  | I/UCRC FRP: Risk Assessment Techniques for Off-line and On-line Security Evaluation of Cloud Computing                | Research        | National Science Foundation               | Federal               | Co-PI             | \$21,865                    | 50%                  | \$10,933                  |
| GF1661  | I/UCRC FRP: Risk Assessment Techniques for Off-line and On-line Security Evaluation of Cloud Computing                | Research        | National Science Foundation               | Federal               | PI                | \$26,788                    | 100%                 | \$26,788                  |
| GF1674  | Supplemental Request to Net-Centric IUCRC to Support Innovative Managing Director Model                               | Research        | National Science Foundation               | Federal               | PI                | \$80,422                    | 100%                 | \$80,422                  |
| GF1679  | I/UCRC: NSF Net-Centric and Cloud Software and Systems  | Research        | National Science Foundation               | Federal               | PI                | \$140,694                   | 100%                 | \$140,694                 |
| GF1705  | A Framework for Epidemic Contract Tracing Using Multi-Contextual Information  | Research        | National Science Foundation               | Federal               | PI                | \$73,801                    | 100%                 | \$73,801                  |
| GF1720  | I/UCRC: NSF Net-Centric and Cloud Software and Systems  | Research        | National Science Foundation               | Federal               | PI                | \$13,500                    | 100%                 | \$13,500                  |
| GF4114  | MRI Consortium: Development of Instrumentation for Measuring the Dependability and Quality of Cloud Computing Systems | Research        | University of Texas at Dallas             | Federal               | PI                | \$41,302                    | 100%                 | \$41,302                  |
| <i>Kavi, K., Co-PI; Gomathisankaran, M., PI; Computer Science &amp; Engineering</i>     |   |                 |   |                       |                   |                             |                      |                           |
| GF4143  | Sensor Fusion Research for Net-Centric Application  | Research        | Arizona State University                  | Federal               | Co-PI             | \$16                        | 50%                  | \$8                       |
| GP6447  | Membership Fees: IUCRC Net Centric Software and Systems   | Research        | Generic Pooled Sponsor                    | Private               | PI                | \$116,633                   | 100%                 | \$116,633                 |
| Totals for <b>Kavi, Krishna M</b>   |   |                 |   |                       |                   |                             |                      | <b>\$503,581</b>          |
| <b>Keathly, David Mark</b>  |   |                 |   |                       |                   |                             |                      |                           |
| <i>Keathly, D., Co-PI; Akl, R., PI; Computer Science &amp; Engineering</i>              |   |                 |   |                       |                   |                             |                      |                           |
| GA4521  | App Design Summer Camp  | Public Service  | Texas Higher Education Coordinating Board | State                 | Co-PI             | \$4,395                     | 30%                  | \$1,318                   |
| GF4164  | National Convergence Technology Center  | Public Service  | Collin College                            | Federal               | PI                | \$30,594                    | 100%                 | \$30,594                  |
| Totals for <b>Keathly, David Mark</b>   |   |                 |   |                       |                   |                             |                      | <b>\$31,913</b>           |
| <b>Mikler, Armin R</b>  |   |                 |   |                       |                   |                             |                      |                           |
| <i>Mikler, A., PI; Computer Science &amp; Engineering; Tiwari, C., Co-PI; Geography</i> |   |                 |   |                       |                   |                             |                      |                           |
| GF1706  | Computational Methods for Quantifying Regional Ebola-Specific Resource Coverage                                       | Research        | National Science Foundation               | Federal               | PI                | \$87,034                    | 50%                  | \$43,517                  |

| <b>Project ID</b>   | <b>Title</b>   | <b>Category</b> | <b>Sponsor</b>                           | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|---|--|-----------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>Mikler, A., PI; Schneider, T., Co-PI; Bryce, R., Co-PI; Computer Science &amp; Engineering; Tiwari, C., Co-PI; Geography</i>   |  |                 |  |                       |                   |                             |                      |                           |
| GF2667  | Minimizing Access Disparities in Bio-Emergency Response Planning   | Research        | National Institutes of Health            | Federal               | PI                | \$270,117                   | 35%                  | \$94,541                  |
| GF4242  | Developing Functional Response Plans under the Cities Readiness Initiative (CRI) for Counties in North Central Texas | Research        | Texas Department of State Health Service | Federal               | PI                | \$107,165                   | 100%                 | \$107,165                 |
|   |  | Totals for      | <b>Mikler,Armin R</b>                    |                       |                   |                             |                      | <b>\$245,223</b>          |
| <b>Mohanty,Saraju</b>   |  |                 |  |                       |                   |                             |                      |                           |
| <i>Mohanty, S., PI; Computer Science &amp; Engineering; Kougianos, E., Co-PI; Engineering Technology</i>                          |  |                 |  |                       |                   |                             |                      |                           |
| GF4262  | Low-Latency Embedded Vision Processor  | Research        | NanoWatt Design, Inc.                    | Federal               | PI                | \$20,326                    | 60%                  | \$12,196                  |
|   |  | Totals for      | <b>Mohanty,Saraju</b>                    |                       |                   |                             |                      | <b>\$12,196</b>           |
| <b>Nielsen,Rodney D</b>   |  |                 |  |                       |                   |                             |                      |                           |
| GF0612  | Comprehension SEEDING: Comprehension Through Self-Explanation Enhanced Discussion and Inquiry Generation             | Research        | U.S. Department of Education             | Federal               | PI                | \$257,989                   | 100%                 | \$257,989                 |
| GF1629  | SHW: Large: Collaborative Research: Companionbots For Proactive Therapeutic Dialog On Depression                     | Research        | National Science Foundation              | Federal               | PI                | \$370,199                   | 100%                 | \$370,199                 |
|   |  | Totals for      | <b>Nielsen,Rodney D</b>                  |                       |                   |                             |                      | <b>\$628,187</b>          |
| <b>Oh,Junghwan</b>  |  |                 |  |                       |                   |                             |                      |                           |
| GF1685  | Student Travel Grants for 2014 ACM Multimedia Conference   | Research        | National Science Foundation              | Federal               | PI                | \$10,000                    | 100%                 | \$10,000                  |
|   |  | Totals for      | <b>Oh,Junghwan</b>                       |                       |                   |                             |                      | <b>\$10,000</b>           |
| <b>Schneider,Tamara</b>   |  |                 |  |                       |                   |                             |                      |                           |
| <i>Schneider, T., Co-PI; Mikler, A., PI; Bryce, R., Co-PI; Computer Science &amp; Engineering; Tiwari, C., Co-PI; Geography</i>   |  |                 |  |                       |                   |                             |                      |                           |
| GF2667  | Minimizing Access Disparities in Bio-Emergency Response Planning   | Research        | National Institutes of Health            | Federal               | Co-PI             | \$270,117                   | 15%                  | \$40,518                  |
|   |  | Totals for      | <b>Schneider,Tamara</b>                  |                       |                   |                             |                      | <b>\$40,518</b>           |
| <b>Takabi,Hassan</b>  |  |                 |  |                       |                   |                             |                      |                           |
| <i>Takabi, H., Co-PI; Bryce, R., PI; Computer Science &amp; Engineering</i>   |  |                 |  |                       |                   |                             |                      |                           |
| GF1707  | REU Site: Secure Software Testing for Web and Mobile Applications: Research Experience for Undergraduates            | Research        | National Science Foundation              | Federal               | Co-PI             | \$111,689                   | 50%                  | \$55,844                  |
|   |  | Totals for      | <b>Takabi,Hassan</b>                     |                       |                   |                             |                      | <b>\$55,844</b>           |
| <b>Tarau,Paul</b>   |  |                 |  |                       |                   |                             |                      |                           |
| GF1689  | SHF: Small: Application of Hereditarily Binary Numbers   | Research        | National Science Foundation              | Federal               | PI                | \$78,672                    | 100%                 | \$78,672                  |
| <i>Tarau, P., Co-PI; Caragea, C., PI; Computer Science &amp; Engineering; Caragea, C., PI; Library &amp; Information Sciences</i> |  |                 |  |                       |                   |                             |                      |                           |
| GF1703  | III: Small: Collaborative Research: Keyphrase Extraction in Document Networks  | Research        | National Science Foundation              | Federal               | Co-PI             | \$48,197                    | 30%                  | \$14,459                  |
|   |  | Totals for      | <b>Tarau,Paul</b>                        |                       |                   |                             |                      | <b>\$93,132</b>           |



| Project ID  | Title   | Category       | Sponsor   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|---|----------------|---|----------------|------------|----------------------|---------------|--------------------|
|   |   | Totals for     | <b>Computer Science &amp; Engineering</b>       |                |            |                      |               | <b>\$2,524,361</b> |
| <b>Electrical Engineering</b>   |   |                |   |                |            |                      |               |                    |
| <b>Acevedo, Miguel F</b>  |   |                |   |                |            |                      |               |                    |
| GF4209  | The Emergence of Coupled Natural and Human Landscapes in the Western Mediterranean  | Research       | Arizona State University                        | Federal        | PI         | \$88,560             | 100%          | \$88,560           |
| GF4244  | Autonomous Sustainable Brackish Desalination System for Smallholder Farming Households  | Research       | Development Alternatives, Incorporated          | Federal        | PI         | \$13,538             | 100%          | \$13,538           |
| <i>Acevedo, M., PI; Electrical Engineering; Carranza, G., Co-PI; UNT International-Comm Outreach</i>                                |   |                |   |                |            |                      |               |                    |
| GF4254  | Global Research and Education Initiative on Sustainable Desalination Technology   | Research       | Institute of International Education            | Federal        | PI         | \$15,875             | 50%           | \$7,937            |
| <i>Acevedo, M., Co-PI; Wan, Y., PI; Fu, S., Co-PI; Electrical Engineering; Thompson, R., Co-PI; Hoeninghaus, D., Co-PI; Biology</i> |   |                |   |                |            |                      |               |                    |
| GP6333  | Summer Training Experience for K-12 Teachers in Control Engineering   | Instruction    | Institute of Electrical & Electronics Engineers | Private        | Co-PI      | \$1,100              | 20%           | \$220              |
|   |   | Totals for     | <b>Acevedo, Miguel F</b>                        |                |            |                      |               | <b>\$110,255</b>   |
| <b>Fu, Shengli</b>  |   |                |   |                |            |                      |               |                    |
| GF1599  | Optimizing Student Learning Outcomes: A Comparative Study of Onsite, Virtual, and Remote Laboratories in Electrical Engineering | Research       | National Science Foundation                     | Federal        | PI         | \$35,232             | 100%          | \$35,232           |
| <i>Fu, S., PI; Wan, Y., Co-PI; Electrical Engineering</i>   |   |                |   |                |            |                      |               |                    |
| GF1709  | I-Corps Teams: Drone-Carried Wi-Fi Communication Infrastructure   | Research       | National Science Foundation                     | Federal        | PI         | \$44,217             | 50%           | \$22,108           |
| <i>Fu, S., Co-PI; Wan, Y., PI; Electrical Engineering</i>   |   |                |   |                |            |                      |               |                    |
| GF1724  | EAGER: Aerial Communication Infrastructure for Smart Emergency Response   | Research       | National Science Foundation                     | Federal        | Co-PI      | \$23,649             | 50%           | \$11,824           |
| <i>Fu, S., Co-PI; Wan, Y., PI; Acevedo, M., Co-PI; Electrical Engineering; Thompson, R., Co-PI; Hoeninghaus, D., Co-PI; Biology</i> |   |                |   |                |            |                      |               |                    |
| GP6333  | Summer Training Experience for K-12 Teachers in Control Engineering   | Instruction    | Institute of Electrical & Electronics Engineers | Private        | Co-PI      | \$1,100              | 20%           | \$220              |
| GP6380  | Design and Development of Portable Computing System   | Research       | Myth Innovations                                | Private        | PI         | \$52,996             | 100%          | \$52,996           |
|   |   | Totals for     | <b>Fu, Shengli</b>                              |                |            |                      |               | <b>\$122,380</b>   |
| <b>Guturu, Parthasarathy</b>  |   |                |   |                |            |                      |               |                    |
| <i>Guturu, P., Co-PI; Electrical Engineering; Dantu, R., PI; Kavi, K., Co-PI; Computer Science &amp; Engineering</i>                |   |                |   |                |            |                      |               |                    |
| G72376  | Collaborative Research: CRI: IAD: A Testbed for Research and Development of Next Generation 9-1-1 Services                      | Research       | National Science Foundation                     | Federal        | Co-PI      | \$2,228              | 5%            | \$111              |
|   |   | Totals for     | <b>Guturu, Parthasarathy</b>                    |                |            |                      |               | <b>\$111</b>       |
| <b>Li, Xinrong</b>  |   |                |   |                |            |                      |               |                    |
| GP6398  | Modeling, Simulation, and Design of Automotive Control Systems  | Public Service | Peterbuilt Motor Company                        | Private        | PI         | \$71                 | 100%          | \$71               |

| Project ID  | Title  | Category   | Sponsor                            | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|------------|------------------------------------|----------------|------------|----------------------|---------------|--------------------|
|   |  | Totals for | <b>Li,Xinrong</b>                  |                |            |                      |               | <b>\$71</b>        |
| <b>Lin,Yuankun</b>  |  |            |                                    |                |            |                      |               |                    |
| <i>Lin, Y., Co-PI; Zhang, H., PI; Electrical Engineering; Lin, Y., Co-PI; Physics</i> |  |            |                                    |                |            |                      |               |                    |
| GF1590  | Tunable Plasmonic Devices Enabled by Holographically-Formed Polymer Dispersed Liquid Crystals  | Research   | National Science Foundation        | Federal        | Co-PI      | \$69,005             | 12.5%         | \$8,626            |
| <i>Lin, Y., PI; Zhang, H., Co-PI; Electrical Engineering; Lin, Y., PI; Physics</i>    |  |            |                                    |                |            |                      |               |                    |
| GF1660  | Collaborative Research: Digitally Addressable and Scalable Laser Fabrication of 3D Gradient Index Nanostructures and Nanophotonics Circuits                | Research   | National Science Foundation        | Federal        | PI         | \$175,417            | 12.5%         | \$21,927           |
| <i>Lin, Y., PI; Electrical Engineering; Physics</i>                                   |  |            |                                    |                |            |                      |               |                    |
| GF4098  | Science and Engineering of Polymeric and Nanoparticle-based Materials for Electronic and Structural Applications   | Research   | University of Texas Pan American   | Federal        | PI         | \$127                | 25%           | \$32               |
| <i>Lin, Y., PI; Electrical Engineering; Physics</i>                                   |  |            |                                    |                |            |                      |               |                    |
| GF4228  | Low Threshold Lasing and Selective Sensing Devices Based on Organic Dyes Stabilized in Nanopores and Polymer Photonic Crystals                             | Research   | University of Texas at San Antonio | Federal        | PI         | \$47,866             | 25%           | \$11,966           |
|   |  | Totals for | <b>Lin,Yuankun</b>                 |                |            |                      |               | <b>\$42,551</b>    |
| <b>Mehta,Gayatri</b>  |  |            |                                    |                |            |                      |               |                    |
| GF1627  | SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures   | Research   | National Science Foundation        | Federal        | PI         | \$105,035            | 100%          | \$105,035          |
| GF1653  | SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures "REU-Supplement"  | Research   | National Science Foundation        | Federal        | PI         | \$1,687              | 100%          | \$1,687            |
|   |  | Totals for | <b>Mehta,Gayatri</b>               |                |            |                      |               | <b>\$106,722</b>   |
| <b>Namuduri,Kameswara Rao</b>   |  |            |                                    |                |            |                      |               |                    |
| <i>Namuduri, K., PI; Wan, Y., Co-PI; Electrical Engineering</i>                       |  |            |                                    |                |            |                      |               |                    |
| GF1698  | MobiHoc Workshop on "Airborne Networks and Communications"   | Research   | National Science Foundation        | Federal        | PI         | \$14,706             | 50%           | \$7,353            |
|   |  | Totals for | <b>Namuduri,Kameswara Rao</b>      |                |            |                      |               | <b>\$7,353</b>     |
| <b>Wan,Yan</b>  |  |            |                                    |                |            |                      |               |                    |
| GF1562  | Cyber-Physical Systems: Small: Collaborative Research: Dynamical-Network Evaluation and Design Tools for Strategic-to-Tactical Air Traffic Flow Management | Research   | National Science Foundation        | Federal        | PI         | -\$1,470             | 100%          | (\$1,470)          |
| <i>Wan, Y., Co-PI; Namuduri, K., PI; Electrical Engineering</i>                       |  |            |                                    |                |            |                      |               |                    |
| GF1698  | MobiHoc Workshop on "Airborne Networks and Communications"   | Research   | National Science Foundation        | Federal        | Co-PI      | \$14,706             | 50%           | \$7,353            |
| <i>Wan, Y., Co-PI; Fu, S., PI; Electrical Engineering</i>                             |  |            |                                    |                |            |                      |               |                    |
| GF1709  | I-Corps Teams: Drone-Carried Wi-Fi Communication Infrastructure  | Research   | National Science Foundation        | Federal        | Co-PI      | \$44,217             | 50%           | \$22,108           |

| Project ID  | Title  | Category    | Sponsor   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|-------------|---|----------------|------------|----------------------|---------------|--------------------|
| GF1716  | CAREER: Communication and Control Co-design to Enable Aerial Networking in Uncertain Airspace Environment: Paradigm Shift From Ignorance and Constraints to Facilitators | Research    | National Science Foundation                     | Federal        | PI         | \$17,683             | 100%          | \$17,683           |
| <i>Wan, Y., PI; Fu, S., Co-PI; Electrical Engineering</i>   |  |             |   |                |            |                      |               |                    |
| GF1724  | EAGER: Aerial Communication Infrastructure for Smart Emergency Response  | Research    | National Science Foundation                     | Federal        | PI         | \$23,649             | 50%           | \$11,824           |
| GF2668  | Run-Time Failure Detection and Control in Complex Information Systems  | Research    | National Institute of Standards and Technology  | Federal        | PI         | \$47,949             | 100%          | \$47,949           |
| GF4206  | Stochastic Weather-Impact Modeling for Flow-Contingency Planning at a Strategic Time Horizon   | Research    | MITRE Corporation                               | Federal        | PI         | \$15,057             | 100%          | \$15,057           |
| <i>Wan, Y., PI; Acevedo, M., Co-PI; Fu, S., Co-PI; Electrical Engineering; Thompson, R., Co-PI; Hoinghaus, D., Co-PI; Biology</i> |  |             |   |                |            |                      |               |                    |
| GP6333  | Summer Training Experience for K-12 Teachers in Control Engineering  | Instruction | Institute of Electrical & Electronics Engineers | Private        | PI         | \$1,100              | 20%           | \$220              |
| Totals for <b>Wan,Yan</b>   |  |             |   |                |            |                      |               | <b>\$120,725</b>   |
| <b>Zhang,Hualiang</b>   |  |             |   |                |            |                      |               |                    |
| <i>Zhang, H., PI; Lin, Y., Co-PI; Electrical Engineering; Lin, Y., Co-PI; Physics</i>   |  |             |   |                |            |                      |               |                    |
| GF1590  | Tunable Plasmonic Devices Enabled by Holographically-Formed Polymer Dispersed Liquid Crystals  | Research    | National Science Foundation                     | Federal        | PI         | \$69,005             | 50%           | \$34,502           |
| <i>Zhang, H., Co-PI; Lin, Y., PI; Electrical Engineering; Lin, Y., PI; Physics</i>  |  |             |   |                |            |                      |               |                    |
| GF1660  | Collaborative Research: Digitally Addressable and Scalable Laser Fabrication of 3D Gradient Index Nanostructures and Nanophotonics Circuits                              | Research    | National Science Foundation                     | Federal        | Co-PI      | \$175,417            | 50%           | \$87,708           |
| GF4224  | L-Band Wide Bandwidth High Performance Diplexer, Triplexer, and Quadruplexer   | Research    | NextGen Aeronautics                             | Federal        | PI         | \$9,241              | 100%          | \$9,241            |
| GP6249  | Compact Air-Cavity Stripline Based RF Filters/Duplexers  | Research    | LW Microelectronics                             | Private        | PI         | -\$8,285             | 100%          | (\$8,285)          |
| GP6434  | Metamaterials Inspired High Performance On-Chip Interconnects  | Research    | Semiconductor Research Corporation              | Private        | PI         | \$46,254             | 100%          | \$46,254           |
| Totals for <b>Zhang,Hualiang</b>  |  |             |   |                |            |                      |               | <b>\$169,421</b>   |
| Totals for <b>Electrical Engineering</b>  |  |             |   |                |            |                      |               | <b>\$679,590</b>   |

### Engineering Technology

#### Barbieri,Enrique

*Barbieri, E., PI; Engineering Technology; Boggiano-barbieri, A., Co-PI; Foreign Languages & Literatures; Albarran, A., Co-PI; Radio/TV/Film (KNTU-FM)*

|                                    |  |          |                               |         |    |          |     |                |
|------------------------------------|--|----------|-------------------------------|---------|----|----------|-----|----------------|
| GP6303                             | "Inventiones de la Inventiva": Employing KUHF's "Engines of Our Ingenuity" to Increase Engineering Education Opportunities in the Hispanic Community | Research | United Engineering Foundation | Private | PI | \$18,176 | 10% | \$1,818        |
| Totals for <b>Barbieri,Enrique</b> |  |          |                               |         |    |          |     | <b>\$1,818</b> |

| Project ID   | Title   | Category                   | Sponsor   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------------------------|---|----------------|------------|----------------------|---------------|--------------------|
| <b>Bostanci,Huseyin</b>  |   |                            |   |                |            |                      |               |                    |
| GF4192   | Spray Cooling: An Advanced Thermal Management Technique for Space Applications  | Research                   | Texas Space Grant Consortium  | Federal        | PI         | -\$695               | 100%          | (\$695)            |
| GP6452   | Evaporative Spray Cooling System  | Research                   | American Science & Engineering, Inc.  | Private        | PI         | \$26,188             | 100%          | \$26,188           |
| GS6037   | Planning for the Establishment of Systems Engineering Initiative Teams at UNT   | Research                   | Texas A&M University - College Station  | State          | PI         | \$5,004              | 100%          | \$5,004            |
|  | Totals for  | <b>Bostanci,Huseyin</b>    |   |                |            |                      |               | <b>\$30,497</b>    |
| <b>Boubekri,Nourredine</b>   |   |                            |   |                |            |                      |               |                    |
| GP6427   | Research and Development in Additive Manufacturing (3D Printing)  | Research                   | Emerson Process Management, Regulator Technologies, Inc.                          | Private        | PI         | \$15,462             | 100%          | \$15,462           |
|  | Totals for  | <b>Boubekri,Nourredine</b> |   |                |            |                      |               | <b>\$15,462</b>    |
| <b>Davis,Jerome Jay</b>  |   |                            |   |                |            |                      |               |                    |
| GS6036   | Nuclear Education Laboratory Equipment  | Instruction                | Texas A&M University - College Station  | State          | PI         | \$19,295             | 100%          | \$19,295           |
|  | Totals for  | <b>Davis,Jerome Jay</b>    |   |                |            |                      |               | <b>\$19,295</b>    |
| <b>Huang,Zhenhua</b>   |   |                            |   |                |            |                      |               |                    |
| GF1654   | NSF-RAPID: Investigation of the Blast Loading for the Fertilizer Plant Explosion at West, Texas   | Research                   | National Science Foundation   | Federal        | PI         | \$423                | 100%          | \$423              |
| <i>Huang, Z., PI; Kougianos, E., Co-PI; Wang, S., Co-PI; Engineering Technology</i>                      |   |                            |   |                |            |                      |               |                    |
| GF1672   | A New Interdisciplinary Technology Education Strategy Using State-of-the-Art Wireless Sensor Networks   | Research                   | National Science Foundation   | Federal        | PI         | \$48,207             | 34%           | \$16,390           |
| GP6436   | Synthesis and Education on U.S. Building Finishing Materials, Designs, and Constructions for Beijing Zeyang Fine Art Building Finishing Corporation | Research                   | Huang Beijing Zeyang Fine Art Building Finishing Corporation                      | Private        | PI         | \$10,301             | 100%          | \$10,301           |
|  | Totals for  | <b>Huang,Zhenhua</b>       |   |                |            |                      |               | <b>\$27,114</b>    |
| <b>Kougianos,Elias</b>   |   |                            |   |                |            |                      |               |                    |
| <i>Kougianos, E., Co-PI; Huang, Z., PI; Wang, S., Co-PI; Engineering Technology</i>                      |   |                            |   |                |            |                      |               |                    |
| GF1672   | A New Interdisciplinary Technology Education Strategy Using State-of-the-Art Wireless Sensor Networks   | Research                   | National Science Foundation   | Federal        | Co-PI      | \$48,207             | 33%           | \$15,908           |
| <i>Kougianos, E., Co-PI; Engineering Technology; Mohanty, S., PI; Computer Science &amp; Engineering</i> |   |                            |   |                |            |                      |               |                    |
| GF4262   | Low-Latency Embedded Vision Processor   | Research                   | NanoWatt Design, Inc.   | Federal        | Co-PI      | \$20,326             | 40%           | \$8,131            |
|  | Totals for  | <b>Kougianos,Elias</b>     |   |                |            |                      |               | <b>\$24,039</b>    |
| <b>Nasrazadani,Seifollah</b>   |   |                            |   |                |            |                      |               |                    |
| GP6379   | Development of New Accelerated Corrosion Test(s) for All-Aluminum Microchannel and Tube and Fin Heat Exchangers                                     | Research                   | American Society of Heating, Refrigeration and Air-conditioning Engineers(ASHRAE) | Private        | PI         | \$63,731             | 100%          | \$63,731           |

| Project ID  | Title  | Category   | Sponsor                           | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|------------|-----------------------------------|----------------|------------|----------------------|---------------|--------------------|
|   |  | Totals for | <b>Nasrazadani,Seifollah</b>      |                |            |                      |               | <b>\$63,731</b>    |
| <b>Wang,Shuping</b>   |  |            |                                   |                |            |                      |               |                    |
| <i>Wang, S., Co-PI; Huang, Z., PI; Kougianos, E., Co-PI; Engineering Technology</i> |  |            |                                   |                |            |                      |               |                    |
| GF1672  | A New Interdisciplinary Technology Education Strategy Using State-of-the-Art Wireless Sensor Networks  | Research   | National Science Foundation       | Federal        | Co-PI      | \$48,207             | 33%           | \$15,908           |
| GP6318  | The Development of Innovative Optical Metrology Techniques and Apparatus   | Research   | Sanmina Corporation               | Private        | PI         | \$587                | 100%          | \$587              |
|   |  | Totals for | <b>Wang,Shuping</b>               |                |            |                      |               | <b>\$16,495</b>    |
| <b>Yu,Cheng</b>   |  |            |                                   |                |            |                      |               |                    |
| GF1559  | CAREER: Comprehensive Research on Cold-Formed Steel Sheathed Shear Walls: Special Detailing, Design, and Innovation                              | Research   | National Science Foundation       | Federal        | PI         | \$61,583             | 100%          | \$61,583           |
| GF1702  | PFI:AIR - TT: Innovative High-Performance Cold-Formed Steel Wall System for Light Construction   | Research   | National Science Foundation       | Federal        | PI         | \$8,516              | 100%          | \$8,516            |
| GF1702  | REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Shear Walls Using Corrugated Steel Sheet Sheathing                    | Research   | National Science Foundation       | Federal        | PI         | \$117,367            | 100%          | \$117,367          |
| GF1710  | CAREER: Comprehensive Research on Cold-Formed Steel Sheathed Shear Walls: Special Detailing, Design, and Innovation                              | Research   | National Science Foundation       | Federal        | PI         | \$7,490              | 100%          | \$7,490            |
| GF1722  | REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Shear Walls Using Corrugated Steel Sheet Sheathing                    | Research   | National Science Foundation       | Federal        | PI         | \$6,000              | 100%          | \$6,000            |
| GP6351  | Load Bearing Clip Angle Design   | Research   | American Iron and Steel Institute | Private        | PI         | \$7,762              | 100%          | \$7,762            |
| GP6469  | Experimental Study on System Reliability of Cold-Formed Steel Roof Trusses   | Research   | American Iron and Steel Institute | Private        | PI         | \$7,390              | 100%          | \$7,390            |
|   |  | Totals for | <b>Yu,Cheng</b>                   |                |            |                      |               | <b>\$216,109</b>   |
| <b>Zhang,Haifeng</b>  |  |            |                                   |                |            |                      |               |                    |
| GF1662  | GOALI: Collaborative Research: Self-Powered Dual-Mode Piezoelectric Resonant Pressure/Temperature Sensors for Oil and Gas Field Explorations     | Research   | National Science Foundation       | Federal        | PI         | \$83,486             | 100%          | \$83,486           |
| GF1729  | GOALI: Collaborative Research: Energy Harvesting Nanorods-Enhanced MEMS Temperature-Insensitive Gas Sensor For Combustion Monitoring And Control | Research   | National Science Foundation       | Federal        | PI         | \$2,823              | 100%          | \$2,823            |
| GF2623  | Integrated Analysis of Piezoelectric Resonators as Components of Electronic Systems  | Research   | Army Research Office              | Federal        | PI         | \$3,689              | 100%          | \$3,689            |
|   |  | Totals for | <b>Zhang,Haifeng</b>              |                |            |                      |               | <b>\$89,998</b>    |
|   |  | Totals for | <b>Engineering Technology</b>     |                |            |                      |               | <b>\$504,556</b>   |

| Project ID   | Title  | Category | Sponsor                          | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------|----------------------------------|----------------|------------|----------------------|---------------|--------------------|
| <b>Materials Science &amp; Engineering</b>   |  |          |                                  |                |            |                      |               |                    |
| <b>Aouadi,Samir M</b>  |  |          |                                  |                |            |                      |               |                    |
| <i>Aouadi, S., PI; Young, M., Co-PI; Materials Science &amp; Engineering; Aouadi, S., PI; Physics</i>  |  |          |                                  |                |            |                      |               |                    |
| GF1708   | REU Site: Advanced Processing and Materials Characterization   | Research | National Science Foundation      | Federal        | PI         | \$109,129            | 40%           | \$43,652           |
| <i>Aouadi, S., PI; Materials Science &amp; Engineering; Physics</i>  |  |          |                                  |                |            |                      |               |                    |
| GF4173   | Atomic-Scale Tuning of Layered Binary Metal Oxides for High Temperature Moving Assemblies  | Research | University of California, Merced | Federal        | PI         | \$3,392              | 80%           | \$2,714            |
| Totals for <b>Aouadi,Samir M</b>   |  |          |                                  |                |            |                      |               | <b>\$46,365</b>    |
| <b>Banerjee,Rajarshi</b>   |  |          |                                  |                |            |                      |               |                    |
| <i>Banerjee, R., PI; Needleman, A., Co-PI; Scharf, T., Co-PI; Materials Science &amp; Engineering; Wilson, A., Co-PI; Chemistry</i>                                    |  |          |                                  |                |            |                      |               |                    |
| G72763   | Institute for Science and Engineering Simulation   | Research | Air Force Research Laboratory    | Federal        | PI         | \$655,387            | 50%           | \$327,694          |
| <i>Banerjee, R., Co-PI; Collins, P., PI; Needleman, A., Co-PI; Srivilliputhur, S., Co-PI; Dahotre, N., Co-PI; Wang, Z., Co-PI; Materials Science &amp; Engineering</i> |  |          |                                  |                |            |                      |               |                    |
| GF1587   | I/UCRC: Advanced Non-Ferrous Structural Alloys   | Research | National Science Foundation      | Federal        | Co-PI      | \$122,608            | 20%           | \$24,522           |
| GF1670   | Non-Classical Precipitation Mechanisms in Titanium Alloys  | Research | National Science Foundation      | Federal        | PI         | \$84,494             | 100%          | \$84,494           |
| <i>Banerjee, R., PI; Srivilliputhur, S., Co-PI; Materials Science &amp; Engineering</i>  |  |          |                                  |                |            |                      |               |                    |
| GF1696   | DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering | Research | National Science Foundation      | Federal        | PI         | \$44,680             | 50%           | \$22,340           |
| GF2677   | UNT Cooperative Agreement Task for FY2014  | Research | Air Force Research Laboratory    | Federal        | PI         | \$37,353             | 100%          | \$37,353           |
| <i>Banerjee, R., Co-PI; Collins, P., PI; Needleman, A., Co-PI; Materials Science &amp; Engineering</i>   |  |          |                                  |                |            |                      |               |                    |
| GF4145   | Direct Metal Deposition Process Modeling: Titanium Fabrication in an Open Manufacturing Environment                              | Research | The Boeing Company               | Federal        | Co-PI      | -\$1,415             | 25%           | (\$354)            |
| GF4163   | Atomic Ordering in Alloy 690 and its Effect on Long-Term Structural Stability and Stress Corrosion Cracking Susceptibility       | Research | Colorado School of Mines         | Federal        | PI         | \$83,703             | 100%          | \$83,703           |
| GF4201   | High Resolution Microscopy of Nickel Base Alloys   | Research | UES, Inc.                        | Federal        | PI         | \$41,538             | 100%          | \$41,538           |
| GF4240   | DARPA Open Manufacturing: tiFAB - Phase II   | Research | The Boeing Company               | Federal        | PI         | \$23,230             | 100%          | \$23,230           |
| GF4241   | Titanium Surface Oxidation Characterization  | Research | Lockheed Martin Corporation      | Federal        | PI         | \$39,156             | 100%          | \$39,156           |
| Totals for <b>Banerjee,Rajarshi</b>  |  |          |                                  |                |            |                      |               | <b>\$683,675</b>   |
| <b>Brostow,Witold Konrad</b>   |  |          |                                  |                |            |                      |               |                    |

| Project ID   | Title  | Category | Sponsor                                    | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------|--|----------------|------------|----------------------|---------------|--------------------|
| GP6384   | Development of New External Wire Coating Materials   | Research | Encore Wire                                | Private        | PI         | \$111,170            | 100%          | \$111,170          |
| GP6441   | Plan of Work for the Encore Wire Corp. (EWC)   | Research | Encore Wire                                | Private        | PI         | \$154,342            | 100%          | \$154,342          |
| Totals for <b>Brostow, Witold Konrad</b>   |  |          |  |                |            |                      |               | <b>\$265,512</b>   |
| <b>Choi, Wonbong</b>   |  |          |  |                |            |                      |               |                    |
| <i>Choi, W., PI; Materials Science &amp; Engineering; Mechanical &amp; Energy Engineering</i>  |  |          |  |                |            |                      |               |                    |
| GF4155   | High Efficiency Flexible Battery Based on Graphene-Carbon Nanotube Hybrid Structure                    | Research | Florida International University           | Federal        | PI         | \$53,407             | 20%           | \$10,681           |
| <i>Choi, W., PI; Materials Science &amp; Engineering; Mechanical &amp; Energy Engineering</i>  |  |          |  |                |            |                      |               |                    |
| GF4155   | High Efficiency Flexible Battery Based on Graphene-Carbon Nanotube Hybrid Structure                    | Research | Florida International University           | Federal        | PI         | -\$388               | 80%           | (\$311)            |
| <i>Choi, W., PI; Materials Science &amp; Engineering; Mechanical &amp; Energy Engineering</i>  |  |          |  |                |            |                      |               |                    |
| GF4168   | A New Route Toward Systematic Control of Electronic Structures of Graphene and Fabrication of Graphene | Research | Florida International University           | Federal        | PI         | \$7,722              | 20%           | \$1,544            |
| <i>Choi, W., PI; Materials Science &amp; Engineering; Mechanical &amp; Energy Engineering</i>  |  |          |  |                |            |                      |               |                    |
| GP6283   | Graphene-Carbon Nanotubes for High Efficiency Flexible Solar Cells                                     | Research | Korea Electrotechnology Research Institute | Private        | PI         | -\$61,489            | 80%           | (\$49,191)         |
| <i>Choi, W., PI; Materials Science &amp; Engineering; Mechanical &amp; Energy Engineering</i>  |  |          |  |                |            |                      |               |                    |
| GP6339   | 3D Carbon Nanomaterials Towards High Efficiency Energy Storage   | Research | Korea Institute of Science and Technology  | Private        | PI         | \$11,948             | 80%           | \$9,558            |
| <i>Choi, W., PI; Materials Science &amp; Engineering; Mechanical &amp; Energy Engineering</i>  |  |          |  |                |            |                      |               |                    |
| GP6408   | 3D Carbon Nanomaterials Towards High Efficiency Energy Storage (II)                                    | Research | Korea Institute of Science and Technology  | Private        | PI         | \$49,982             | 80%           | \$39,986           |
| <i>Choi, W., PI; Materials Science &amp; Engineering; Mechanical &amp; Energy Engineering</i>  |  |          |  |                |            |                      |               |                    |
| GP6446   | High Efficiency Flexible Rechargeable Battery Based on 3D Graphene-Carbon Nanotubes                    | Research | Korea Institute of Energy Research         | Private        | PI         | \$66,878             | 80%           | \$53,502           |
| Totals for <b>Choi, Wonbong</b>  |  |          |  |                |            |                      |               | <b>\$65,771</b>    |
| <b>Collins, Peter Chancellor</b>   |  |          |  |                |            |                      |               |                    |
| <i>Collins, P., PI; Banerjee, R., Co-PI; Needleman, A., Co-PI; Srivilliputhur, S., Co-PI; Dahotre, N., Co-PI; Wang, Z., Co-PI; Materials Science &amp; Engineering</i> |  |          |  |                |            |                      |               |                    |
| GF1587   | IUCRC: Advanced Non-Ferrous Structural Alloys  | Research | National Science Foundation                | Federal        | PI         | \$59,421             | 50%           | \$29,710           |
| GF1645   | IUCRC for Advanced Non-Ferrous Structural Alloys   | Research | National Science Foundation                | Federal        | PI         | \$7,173              | 100%          | \$7,173            |
| GF1695   | DMREF: Collaboration to Accelerate the Discovery of New Alloys for Additive Manufacturing              | Research | National Science Foundation                | Federal        | PI         | \$39,752             | 100%          | \$39,752           |
| GF2674   | IUCRC for Advanced Non-Ferrous Structural Alloys   | Research | US Army Research Laboratory                | Federal        | PI         | \$32,827             | 100%          | \$32,827           |

| <b>Project ID</b>  | <b>Title</b>   | <b>Category</b> | <b>Sponsor</b>                | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|--|--|-----------------|-------------------------------|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| GF2681   | Characterizing Texture, Grain Size, and Local Strain Gradients in UFG Mg Alloys  | Research        | Air Force Research Laboratory | Federal               | PI                | \$41,896                    | 100%                 | \$41,896                  |
| <i>Collins, P., PI; Needleman, A., Co-PI; Banerjee, R., Co-PI; Materials Science &amp; Engineering</i>   |  |                 |                               |                       |                   |                             |                      |                           |
| GF4145   | Direct Metal Deposition Process Modeling: Titanium Fabrication in an Open Manufacturing Environment  | Research        | The Boeing Company            | Federal               | PI                | -\$1,415                    | 50%                  | (\$708)                   |
| <i>Collins, P., PI; Banerjee, R., Co-PI; Materials Science &amp; Engineering; Mikler, A., PI; Computer Science &amp; Engineering</i>                                   |  |                 |                               |                       |                   |                             |                      |                           |
| GF4240   | DARPA Open Manufacturing: tiFAB - Phase II   | Research        | The Boeing Company            | Federal               | PI                | \$69,760                    | 70%                  | \$69,760                  |
| GP6355   | Influence of Alloy Composition and Thermal Processing on Microstructure Properties in TI-based Alloys  | Research        | Allegheny Technologies Inc.   | Private               | PI                | \$114,853                   | 100%                 | \$114,853                 |
| <i>Collins, P., Co-PI; Young, M., PI; Materials Science &amp; Engineering</i>  |  |                 |                               |                       |                   |                             |                      |                           |
| GP6420   | Nanometer Resolved Deformation Mapping of Advanced Non-Ferrous Structural Alloys   | Research        | Forging Foundation            | Private               | Co-PI             | \$8,222                     | 30%                  | \$2,467                   |
| GP6442   | Cultural and Technical Exchanges for Advanced Materials (C-TEAM)   | Instruction     | Partners of the Americas      | Private               | PI                | \$17,583                    | 100%                 | \$17,583                  |
| GP6449   | Membership Fees: IUCRC Advanced Non-Ferrous Structural Alloys  | Research        | Generic Pooled Sponsor        | Private               | PI                | \$61,891                    | 100%                 | \$61,891                  |
| Totals for <b>Collins, Peter Chancellor</b>  |  |                 |                               |                       |                   |                             |                      | <b>\$417,204</b>          |
| <b>Dahotre, Narendra B</b>   |  |                 |                               |                       |                   |                             |                      |                           |
| GF1545   | Collaborative Research: Composite Surfacing of Amorphous Materials by Laser Interference Nanopatterning  | Research        | National Science Foundation   | Federal               | PI                | \$27,755                    | 100%                 | \$27,755                  |
| <i>Dahotre, N., Co-PI; Collins, P., PI; Banerjee, R., Co-PI; Needleman, A., Co-PI; Srivilliputhur, S., Co-PI; Wang, Z., Co-PI; Materials Science &amp; Engineering</i> |  |                 |                               |                       |                   |                             |                      |                           |
| GF1587   | IUCRC: Advanced Non-Ferrous Structural Alloys  | Research        | National Science Foundation   | Federal               | Co-PI             | \$122,608                   | 5%                   | \$6,130                   |
| Totals for <b>Dahotre, Narendra B</b>  |  |                 |                               |                       |                   |                             |                      | <b>\$33,886</b>           |
| <b>D'souza, Francis</b>  |  |                 |                               |                       |                   |                             |                      |                           |
| <i>D'souza, F., PI; Materials Science &amp; Engineering; Chemistry</i>   |  |                 |                               |                       |                   |                             |                      |                           |
| GF1602   | Nanocarbon Based Supramolecular Assemblies for Electron Transfer Applicable to Solar Energy Harvesting   | Research        | National Science Foundation   | Federal               | PI                | \$59,320                    | 20%                  | \$11,864                  |
| <i>D'souza, F., PI; Materials Science &amp; Engineering; Chemistry</i>   |  |                 |                               |                       |                   |                             |                      |                           |
| GF1692   | Light Harvesting Nanocarbon-Sensitizer Supramolecules  | Research        | National Science Foundation   | Federal               | PI                | \$86,275                    | 20%                  | \$17,255                  |
| Totals for <b>D'souza, Francis</b>   |  |                 |                               |                       |                   |                             |                      | <b>\$29,119</b>           |
| <b>D'Souza, Nandika Anne</b>   |  |                 |                               |                       |                   |                             |                      |                           |
| <i>D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Mechanical &amp; Energy 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 | Research        | National Science Foundation   | Federal               | PI                | \$3,258                     | 10%                  | \$326                     |



| Project ID   | Title   | Category | Sponsor                            | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------|------------------------------------|----------------|------------|----------------------|---------------|--------------------|
| <i>D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Tao, Y., Co-PI; Prasad, V., Co-PI; Mechanical &amp; Energy Engineering</i> |   |          |                                    |                |            |                      |               |                    |
| GF1585   | PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment | Research | National Science Foundation        | Federal        | PI         | \$117,825            | 10%           | \$11,782           |
| <i>D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Tao, Y., Co-PI; Prasad, V., Co-PI; Mechanical &amp; Energy Engineering</i> |   |          |                                    |                |            |                      |               |                    |
| GF1585   | PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment | Research | National Science Foundation        | Federal        | PI         | \$37,220             | 2%            | \$744              |
| <i>D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Tao, Y., Co-PI; Prasad, V., Co-PI; Mechanical &amp; Energy Engineering</i> |   |          |                                    |                |            |                      |               |                    |
| GF1585   | PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment | Research | National Science Foundation        | Federal        | PI         | \$37,220             | 8%            | \$2,978            |
| <i>D'Souza, N., Co-PI; Materials Science &amp; Engineering; Ju, J., PI; D'Souza, N., Co-PI; Mechanical &amp; Energy Engineering</i>                  |   |          |                                    |                |            |                      |               |                    |
| GF1665   | Planning Grant: IUCRC - Center for Tire Research - UNT Site Initiative - Sustainable Technologies of Tires  | Research | National Science Foundation        | Federal        | Co-PI      | \$6,176              | 10%           | \$618              |
| <i>D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Mechanical &amp; Energy Engineering; Golden, T., Co-PI; Chemistry</i>      |   |          |                                    |                |            |                      |               |                    |
| GP6278   | Bioinspired Nanocomposite Coatings for Corrosion Protection   | Research | Qatar University                   | Private        | PI         | \$94,598             | 10%           | \$9,460            |
| <i>D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Choi, T., Co-PI; Mechanical &amp; Energy Engineering</i>                   |   |          |                                    |                |            |                      |               |                    |
| GP6315   | Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials  | Research | Semiconductor Research Corporation | Private        | PI         | \$70,876             | 10%           | \$7,088            |
| Totals for <b>D'Souza,Nandika Anne</b>   |   |          |                                    |                |            |                      |               | <b>\$32,995</b>    |
| <b>Du,Jincheng</b>   |   |          |                                    |                |            |                      |               |                    |
| <i>Du, J., Co-PI; Scharf, T., PI; Materials Science &amp; Engineering</i>  |   |          |                                    |                |            |                      |               |                    |
| GF1578   | In Situ Formation of Refractory Carbide Coatings With Protective Magneli Phases   | Research | National Science Foundation        | Federal        | Co-PI      | \$16,703             | 50%           | \$8,352            |
| GF1593   | GOALI/Collaborative: Impact of Mixed Network Formers on the Structure and Properties of Oxide Glasses   | Research | National Science Foundation        | Federal        | PI         | \$76,433             | 100%          | \$76,433           |
| <i>Du, J., Co-PI; Shepherd, N., PI; Materials Science &amp; Engineering</i>  |   |          |                                    |                |            |                      |               |                    |
| GF1630   | Workfunction Modification of ZnO Anodes for Second Generation OLEDs   | Research | National Science Foundation        | Federal        | Co-PI      | \$59,380             | 50%           | \$29,690           |
| GF2675   | Molecular Dynamics-Based Simulations of Bulk/Interfacial Structures and Diffusion Behaviors in Nuclear Waste Glasses                                  | Research | U.S. Department of Energy          | Federal        | PI         | \$147,211            | 100%          | \$147,211          |
| <i>Du, J., Co-PI; Srivilliputhur, S., Co-PI; Materials Science &amp; Engineering; Cundari, T., PI; Chemistry</i>                                     |   |          |                                    |                |            |                      |               |                    |
| GF4005   | Center for Hydrocarbon Functionalization  | Research | University of Virginia             | Federal        | Co-PI      | \$27,887             | 33%           | \$9,203            |
| GP6268   | Establishment of a UNT-SRC Center for Electronic Materials Processing and Integration (CEMPI)   | Research | Semiconductor Research Corporation | Private        | PI         | \$62                 | 100%          | \$62               |
| Totals for <b>Du,Jincheng</b>  |   |          |                                    |                |            |                      |               | <b>\$270,950</b>   |

**El Bouanani,Mohamed**

| Project ID  | Title  | Category   | Sponsor                               | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|------------|---------------------------------------|----------------|------------|----------------------|---------------|--------------------|
| GP6176  | UHV In-Situ Nanoscale Growth and Characterization of Metal/Si-N/Si(111) Thin Films and Interfaces for Metal Source/Drain MOSFET Applications | Research   | Acorn Technologies, Inc.              | Private        | PI         | \$13,166             | 100%          | \$13,166           |
|   |  | Totals for | <b>El Bouanani,Mohamed</b>            |                |            |                      |               | <b>\$13,166</b>    |
| <b>Mishra,Rajiv Sharan</b>  |  |            |                                       |                |            |                      |               |                    |
| GF1605  | NSF IUCRC: Friction Stir Processing  | Research   | National Science Foundation           | Federal        | PI         | \$38,994             | 100%          | \$38,994           |
| GF1610  | IUCRC Renewal Proposal: NSF IUCRC: Friction Stir Processing  | Research   | National Science Foundation           | Federal        | PI         | \$1,138              | 100%          | \$1,138            |
| <i>Mishra, R., Co-PI; Wang, Z., PI; Materials Science &amp; Engineering</i> |  |            |                                       |                |            |                      |               |                    |
| GF1688  | Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy            | Research   | National Science Foundation           | Federal        | Co-PI      | \$80,370             | 50%           | \$40,185           |
| GF1715  | Collaborative Research: Friction Stir Processing of Metal Matrix Nanocomposites Fabricated by Semi-solid Processing                          | Research   | National Science Foundation           | Federal        | PI         | \$6,975              | 100%          | \$6,975            |
| GF2654  | TAOI B-Computational Microstructural Optimization Design Tool for High Temperature Structural Materials                                      | Research   | U.S. Department of Energy             | Federal        | PI         | \$34,639             | 100%          | \$34,639           |
| GF2661  | Fundamentals Of Functional Modifications to Structural Materials Using Friction Stir Processing  | Research   | Pacific Northwest National Laboratory | Federal        | PI         | \$8,521              | 100%          | \$8,521            |
| GF2662  | Development of Multi-physics Based Hybrid Manufacturing for Unique Microstructure  | Research   | US Army Research Laboratory           | Federal        | PI         | -\$15,361            | 100%          | (\$15,361)         |
| GF2673  | Development of Multi-Physics Based Hybrid Manufacturing for Unique Microstructure  | Research   | US Army Research Laboratory           | Federal        | PI         | \$17,444             | 100%          | \$17,444           |
| GF2678  | Development of Multi-Physics Based Hybrid Manufacturing for Unique Microstructure  | Research   | Air Force Research Laboratory         | Federal        | PI         | \$124,788            | 100%          | \$124,788          |
| GF2679  | Toughness/Strength Optimization of Magnesium Alloys via Friction Stir Welding/Processing   | Research   | Air Force Research Laboratory         | Federal        | PI         | \$38,471             | 100%          | \$38,471           |
| GF2680  | UNT Cooperative Agreement Task for FY 2014   | Research   | Air Force Research Laboratory         | Federal        | PI         | \$64,280             | 100%          | \$64,280           |
| GF2685  | Fundamentals Of Functional Modifications to Structural Materials Using Friction Stir Processing  | Research   | Pacific Northwest National Laboratory | Federal        | PI         | \$49,220             | 100%          | \$49,220           |
| GF2698  | Development of Multi-Physics Based Hybrid Manufacturing for Unique Microstructures   | Research   | U.S. Army                             | Federal        | PI         | \$3,329              | 100%          | \$3,329            |

| Project ID   | Title   | Category | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------|--|----------------|------------|----------------------|---------------|--------------------|
| GF4252   | REL-Concept Development for Materials Discovery Apparatus (MDA)                         | Research | REL, Incorporated                                | Federal        | PI         | \$15,471             | 100%          | \$15,471           |
| <i>Mishra, R., PI; Mukherjee, S., Co-PI; Materials Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GF4256   | Friction Stir Additive Manufacturing for Ultrasupercritical Power Plant Systems         | Research | Materials & Electrochemical Research Corporation | Federal        | PI         | \$32,819             | 50%           | \$16,409           |
| <i>Mishra, R., PI; Mukherjee, S., Co-PI; Materials Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GF4257   | Friction Stir Additive Manufacturing For Gradient Structures For Small Modular Reactors | Research | Materials & Electrochemical Research Corporation | Federal        | PI         | \$13,282             | 50%           | \$6,641            |
| <i>Mishra, R., PI; Mukherjee, S., Co-PI; Materials Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GP6312   | Joinability Evaluation of Aluminum-Magnesium-Scandium Alloys                            | Research | The Boeing Company                               | Private        | PI         | \$5,582              | 75%           | \$4,186            |
| GP6428   | Next Generation Lightweight Metals AL-XX-YY   | Research | The Boeing Company                               | Private        | PI         | \$28,297             | 100%          | \$28,297           |
| GP6448   | Membership Fees - IUCRC Friction Stir Processing  | Research | Generic Pooled Sponsor                           | Private        | PI         | \$144,435            | 100%          | \$144,435          |
| GP6474   | 3-Inch Thick 7050-T7451 Friction Stir Weld Characterization                             | Research | GKN Aerospace North America, Inc.                | Private        | PI         | \$24,325             | 100%          | \$24,325           |
| Totals for <b>Mishra,Rajiv Sharan</b>  |   |          |  |                |            |                      |               | <b>\$652,389</b>   |
| <b>Mukherjee,Sundeep</b>   |   |          |  |                |            |                      |               |                    |
| <i>Mukherjee, S., Co-PI; Mishra, R., PI; Materials Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GF4256   | Friction Stir Additive Manufacturing for Ultrasupercritical Power Plant Systems         | Research | Materials & Electrochemical Research Corporation | Federal        | Co-PI      | \$32,819             | 50%           | \$16,409           |
| <i>Mukherjee, S., Co-PI; Mishra, R., PI; Materials Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GF4257   | Friction Stir Additive Manufacturing For Gradient Structures For Small Modular Reactors | Research | Materials & Electrochemical Research Corporation | Federal        | Co-PI      | \$13,282             | 50%           | \$6,641            |
| <i>Mukherjee, S., Co-PI; Mishra, R., PI; Materials Science &amp; Engineering</i>   |   |          |  |                |            |                      |               |                    |
| GP6312   | Joinability Evaluation of Aluminum-Magnesium-Scandium Alloys                            | Research | The Boeing Company                               | Private        | Co-PI      | \$5,582              | 25%           | \$1,395            |
| GP6401   | Defect Propogation in Bulk Metallic Glasses   | Research | Rtec-instruments                                 | Private        | PI         | \$32,923             | 100%          | \$32,923           |
| Totals for <b>Mukherjee,Sundeep</b>  |   |          |  |                |            |                      |               | <b>\$57,369</b>    |
| <b>Needleman,Alan</b>  |   |          |  |                |            |                      |               |                    |
| <i>Needleman, A., Co-PI; Banerjee, R., PI; Scharf, T., Co-PI; Materials Science &amp; Engineering; Wilson, A., Co-PI; Chemistry</i>                                    |   |          |  |                |            |                      |               |                    |
| G72763   | Institute for Science and Engineering Simulation  | Research | Air Force Research Laboratory                    | Federal        | Co-PI      | \$655,387            | 25%           | \$163,847          |
| <i>Needleman, A., Co-PI; Collins, P., PI; Banerjee, R., Co-PI; Srivilliputhur, S., Co-PI; Dahotre, N., Co-PI; Wang, Z., Co-PI; Materials Science &amp; Engineering</i> |   |          |  |                |            |                      |               |                    |
| GF1587   | IUCRC: Advanced Non-Ferrous Structural Alloys   | Research | National Science Foundation                      | Federal        | Co-PI      | \$59,421             | 10%           | \$5,942            |

| <b>Project ID</b>   | <b>Title</b>   | <b>Category</b>              | <b>Sponsor</b>                   | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|---|--|------------------------------|----------------------------------|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>Needleman, A., Co-PI; Shepherd, N., PI; Banerjee, R., Co-PI; Srivilliputhur, S., Co-PI; Dahotre, N., Co-PI; Wang, Z., Co-PI; Materials Science &amp; Engineering</i> |  |                              |                                  |                       |                   |                             |                      |                           |
| GF1587  | IUCRC: Advanced Non-Ferrous Structural Alloys  | Research                     | National Science Foundation      | Federal               | Co-PI             | \$63,188                    | 10%                  | \$6,319                   |
| GF1621  | Quantitative Prediction of Fracture Surface Roughness  | Research                     | National Science Foundation      | Federal               | PI                | \$0                         | 100%                 | \$0                       |
| <i>Needleman, A., Co-PI; Collins, P., PI; Banerjee, R., Co-PI; Materials Science &amp; Engineering</i>  |  |                              |                                  |                       |                   |                             |                      |                           |
| GF4145  | Direct Metal Deposition Process Modeling: Titanium Fabrication in an Open Manufacturing Environment      | Research                     | The Boeing Company               | Federal               | Co-PI             | -\$1,415                    | 25%                  | (\$354)                   |
| Totals for  |  | <b>Needleman,Alan</b>        |                                  |                       |                   |                             |                      | <b>\$175,754</b>          |
| <b>Reidy III,Richard F</b>  |  |                              |                                  |                       |                   |                             |                      |                           |
| GF4207  | Atomically Precise Fabrication of Qubit Devices  | Research                     | Zyvex Labs, LLC                  | Federal               | PI                | \$112,830                   | 100%                 | \$112,830                 |
| GP7630  | Supercritical Processing of Nucleating Agents  | Research                     | BLH Ecology Concepts             | Private               | PI                | \$8,502                     | 100%                 | \$8,502                   |
| Totals for  |  | <b>Reidy III,Richard F</b>   |                                  |                       |                   |                             |                      | <b>\$121,331</b>          |
| <b>Scharf,Thomas W</b>  |  |                              |                                  |                       |                   |                             |                      |                           |
| <i>Scharf, T., Co-PI; Banerjee, R., PI; Needleman, A., Co-PI; Materials Science &amp; Engineering; Wilson, A., Co-PI; Chemistry</i>                                     |  |                              |                                  |                       |                   |                             |                      |                           |
| G72763  | Institute for Science and Engineering Simulation   | Research                     | Air Force Research Laboratory    | Federal               | Co-PI             | \$655,387                   | 12.5%                | \$81,923                  |
| <i>Scharf, T., PI; Du, J., Co-PI; Materials Science &amp; Engineering</i>   |  |                              |                                  |                       |                   |                             |                      |                           |
| GF1578  | In Situ Formation of Refractory Carbide Coatings With Protective Magneli Phases                          | Research                     | National Science Foundation      | Federal               | PI                | \$16,703                    | 50%                  | \$8,352                   |
| GP6253  | Next Generation Tribological Developments to Reduce Manual In-process Operations and Increase Throughput | Research                     | Carpenter Technology Corporation | Private               | PI                | \$22,810                    | 100%                 | \$22,810                  |
| Totals for  |  | <b>Scharf,Thomas W</b>       |                                  |                       |                   |                             |                      | <b>\$113,085</b>          |
| <b>Shepherd,Nigel Dexter</b>  |  |                              |                                  |                       |                   |                             |                      |                           |
| <i>Shepherd, N., PI; Banerjee, R., Co-PI; Needleman, A., Co-PI; Srivilliputhur, S., Co-PI; Dahotre, N., Co-PI; Wang, Z., Co-PI; Materials Science &amp; Engineering</i> |  |                              |                                  |                       |                   |                             |                      |                           |
| GF1587  | IUCRC: Advanced Non-Ferrous Structural Alloys  | Research                     | National Science Foundation      | Federal               | PI                | \$63,188                    | 50%                  | \$31,594                  |
| <i>Shepherd, N., PI; Du, J., Co-PI; Materials Science &amp; Engineering</i>   |  |                              |                                  |                       |                   |                             |                      |                           |
| GF1630  | Workfunction Modification of ZnO Anodes for Second Generation OLEDs                                      | Research                     | National Science Foundation      | Federal               | PI                | \$59,380                    | 50%                  | \$29,690                  |
| GF2681  | Characterizing Texture, Grain Size, and Local Strain Gradients in UFG Mg Alloys                          | Research                     | Air Force Research Laboratory    | Federal               | PI                | \$1,039                     | 100%                 | \$1,039                   |
| GP6449  | Membership Fees: IUCRC Advanced Non-Ferrous Structural Alloys  | Research                     | Generic Pooled Sponsor           | Private               | PI                | \$63,099                    | 100%                 | \$63,099                  |
| Totals for  |  | <b>Shepherd,Nigel Dexter</b> |                                  |                       |                   |                             |                      | <b>\$125,422</b>          |
| <b>Srivilliputhur,Srinivasan G.</b>   |  |                              |                                  |                       |                   |                             |                      |                           |

| Project ID  | Title  | Category | Sponsor                     | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|----------|-----------------------------|----------------|------------|----------------------|---------------|--------------------|
| GF1511  | Career: Deformation Science in Lightweight Alloys - Insights from Discovery-class Atomistic Simulations and an Open Digital Library to Promote Blind Student Education | Research | National Science Foundation | Federal        | PI         | \$65,686             | 100%          | \$65,686           |
| <i>Srivilliputhur, S., Co-PI; Collins, P., PI; Banerjee, R., Co-PI; Needleman, A., Co-PI; Dahotre, N., Co-PI; Wang, Z., Co-PI; Materials Science &amp; Engineering</i>  |  |          |                             |                |            |                      |               |                    |
| GF1587  | I/UCRC: Advanced Non-Ferrous Structural Alloys   | Research | National Science Foundation | Federal        | Co-PI      | \$59,421             | 10%           | \$5,942            |
| <i>Srivilliputhur, S., Co-PI; Shepherd, N., PI; Banerjee, R., Co-PI; Needleman, A., Co-PI; Dahotre, N., Co-PI; Wang, Z., Co-PI; Materials Science &amp; Engineering</i> |  |          |                             |                |            |                      |               |                    |
| GF1587  | I/UCRC: Advanced Non-Ferrous Structural Alloys   | Research | National Science Foundation | Federal        | Co-PI      | \$63,188             | 10%           | \$6,319            |
| <i>Srivilliputhur, S., Co-PI; Banerjee, R., PI; Materials Science &amp; Engineering</i>   |  |          |                             |                |            |                      |               |                    |
| GF1696  | DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering                                       | Research | National Science Foundation | Federal        | Co-PI      | \$44,680             | 50%           | \$22,340           |
| <i>Srivilliputhur, S., Co-PI; Du, J., Co-PI; Materials Science &amp; Engineering; Cundari, T., PI; Chemistry</i>  |  |          |                             |                |            |                      |               |                    |
| GF4005  | Center for Hydrocarbon Functionalization   | Research | University of Virginia      | Federal        | Co-PI      | \$27,887             | 33%           | \$9,203            |
| GP6148  | Atomistic Simulations of Environmentally Assisted Cracking in Nickel-Chromium Alloys   | Research | American Chemical Society   | Private        | PI         | \$2                  | 100%          | \$2                |
| Totals for <b>Srivilliputhur,Srinivasan G.</b>  |  |          |                             |                |            |                      |               | <b>\$109,491</b>   |
| <b>Wang,Zhiqiang</b>  |  |          |                             |                |            |                      |               |                    |
| <i>Wang, Z., Co-PI; Collins, P., PI; Banerjee, R., Co-PI; Needleman, A., Co-PI; Srivilliputhur, S., Co-PI; Dahotre, N., Co-PI; Materials Science &amp; Engineering</i>  |  |          |                             |                |            |                      |               |                    |
| GF1587  | I/UCRC: Advanced Non-Ferrous Structural Alloys   | Research | National Science Foundation | Federal        | Co-PI      | \$59,421             | 5%            | \$2,971            |
| <i>Wang, Z., Co-PI; Shepherd, N., PI; Banerjee, R., Co-PI; Needleman, A., Co-PI; Srivilliputhur, S., Co-PI; Dahotre, N., Co-PI; Materials Science &amp; Engineering</i> |  |          |                             |                |            |                      |               |                    |
| GF1587  | I/UCRC: Advanced Non-Ferrous Structural Alloys   | Research | National Science Foundation | Federal        | Co-PI      | \$63,188             | 5%            | \$3,159            |
| <i>Wang, Z., PI; Mishra, R., Co-PI; Materials Science &amp; Engineering</i>   |  |          |                             |                |            |                      |               |                    |
| GF1688  | Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy                                      | Research | National Science Foundation | Federal        | PI         | \$80,370             | 50%           | \$40,185           |
| Totals for <b>Wang,Zhiqiang</b>   |  |          |                             |                |            |                      |               | <b>\$46,315</b>    |
| <b>Xia,Zhenhai</b>  |  |          |                             |                |            |                      |               |                    |
| <i>Xia, Z., PI; Materials Science &amp; Engineering; Chemistry</i>  |  |          |                             |                |            |                      |               |                    |
| GF1609  | Integrated Studies of Interfaces in Nanocomposites and Nanoimprinting  | Research | National Science Foundation | Federal        | PI         | \$591                | 80%           | \$473              |
| <i>Xia, Z., PI; Materials Science &amp; Engineering; Chemistry</i>  |  |          |                             |                |            |                      |               |                    |
| GF1659  | Collaborative Research: Multifunctional Nanocomposites with Reversible Switch and Controlled Release Surfaces  | Research | National Science Foundation | Federal        | PI         | \$49,483             | 80%           | \$39,587           |
| <i>Xia, Z., PI; Materials Science &amp; Engineering; Chemistry</i>  |  |          |                             |                |            |                      |               |                    |
| GF1684  | Nanomanufacturing of High-Performance Graphene-Based Catalytic Electrodes for Renewable Energy Production  | Research | National Science Foundation | Federal        | PI         | \$20,654             | 80%           | \$16,523           |

| Project ID   | Title  | Category | Sponsor                            | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------|------------------------------------|----------------|------------|----------------------|---------------|--------------------|
| <i>Xia, Z., PI; Materials Science &amp; Engineering; Chemistry</i>   |  |          |                                    |                |            |                      |               |                    |
| GF4147   | Nanofabrication of Tunable 3D Nanotube Architectures   | Research | Case Western Reserve University    | Federal        | PI         | \$142,357            | 80%           | \$113,885          |
| <i>Xia, Z., PI; Materials Science &amp; Engineering; Chemistry</i>   |  |          |                                    |                |            |                      |               |                    |
| GF4204   | Low-cost, Metal-free, Carbon-based Oxygen Reduction Catalysts for Highly-efficient Fuel Cells                      | Research | Case Western Reserve University    | Federal        | PI         | \$28,504             | 80%           | \$22,803           |
| Totals for <b>Xia,Zhenhai</b>  |  |          |                                    |                |            |                      |               | <b>\$193,271</b>   |
| <b>Young,Marcus Lynn</b>   |  |          |                                    |                |            |                      |               |                    |
| <i>Young, M., Co-PI; Aouadi, S., PI; Materials Science &amp; Engineering; Aouadi, S., PI; Physics</i>                              |  |          |                                    |                |            |                      |               |                    |
| GF1708   | REU Site: Advanced Processing and Materials Characterization   | Research | National Science Foundation        | Federal        | Co-PI      | \$109,129            | 50%           | \$54,564           |
| GP6361   | Fundamental Studies on Precipitation and Transformation Temperatures in NiTiHf High Temperature Shape Memory Alloy | Research | ATI Wah Chang                      | Private        | PI         | \$12,956             | 100%          | \$12,956           |
| GP6390   | Ralph E Powe Junior Faculty Enhancement Award Program  | Research | Oak Ridge Associated Universities  | Private        | PI         | \$5,000              | 100%          | \$5,000            |
| GP6400   | Mechanical Testing, Steel Microstructure, Tensile Testing, Oil & Gas Applications                                  | Research | Halliburton                        | Private        | PI         | \$40,114             | 100%          | \$40,114           |
| <i>Young, M., PI; Collins, P., Co-PI; Materials Science &amp; Engineering</i>  |  |          |                                    |                |            |                      |               |                    |
| GP6420   | Nanometer Resolved Deformation Mapping of Advanced Non-Ferrous Structural Alloys                                   | Research | Forging Foundation                 | Private        | PI         | \$8,222              | 70%           | \$5,756            |
| GP6479   | Precipitation Control Of ATI 718 Plus Alloy For Engine Applications  | Research | Allegheny Technologies Inc.        | Private        | PI         | \$4,260              | 100%          | \$4,260            |
| GP6483   | Fundamental Studies On Precipitation And Transformation Temperatures In NiTiZr High Temperature Shape Memory Alloy | Research | Allegheny Technologies Inc.        | Private        | PI         | \$18,412             | 100%          | \$18,412           |
| Totals for <b>Young,Marcus Lynn</b>  |  |          |                                    |                |            |                      |               | <b>\$141,062</b>   |
| Totals for <b>Materials Science &amp; Engineering</b>  |  |          |                                    |                |            |                      |               | <b>\$3,594,132</b> |
| <b>Mechanical &amp; Energy Engineering</b>   |  |          |                                    |                |            |                      |               |                    |
| <b>Cheng,Jiangtao</b>  |  |          |                                    |                |            |                      |               |                    |
| GF4215   | Vacuum-driven Reconfigurable Liquid Metal Film for Low-resistance Thermal Connector                                | Research | University of Missouri-Columbia    | Federal        | PI         | -\$148               | 100%          | (\$148)            |
| Totals for <b>Cheng,Jiangtao</b>   |  |          |                                    |                |            |                      |               | <b>(\$148)</b>     |
| <b>Choi,Tae-Youl</b>   |  |          |                                    |                |            |                      |               |                    |
| GP6210   | Carbon Nanostructure-Based Transparent Conducting Film for Electronics and Energy Applications                     | Research | Top Nanosys                        | Private        | PI         | \$174                | 100%          | \$174              |
| <i>Choi, T., Co-PI; D'Souza, N., PI; Mechanical &amp; Energy Engineering; D'Souza, N., PI; Materials Science &amp; Engineering</i> |  |          |                                    |                |            |                      |               |                    |
| GP6315   | Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials                   | Research | Semiconductor Research Corporation | Private        | Co-PI      | \$70,876             | 50%           | \$35,438           |

| Project ID   | Title   | Category | Sponsor                                    | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------|--|----------------|------------|----------------------|---------------|--------------------|
| Totals for <b>Choi,Tae-Youl</b>  |   |          |  |                |            |                      |               | <b>\$35,612</b>    |
| <b>Choi,Wonbong</b>  |   |          |  |                |            |                      |               |                    |
| <i>Choi, W., PI; Mechanical &amp; Energy Engineering; Materials Science &amp; Engineering</i>  |   |          |  |                |            |                      |               |                    |
| GF4155   | High Efficiency Flexible Battery Based on Graphene-Carbon Nanotube Hybrid Structure   | Research | Florida International University           | Federal        | PI         | -\$388               | 20%           | (\$78)             |
| <i>Choi, W., PI; Mechanical &amp; Energy Engineering; Materials Science &amp; Engineering</i>  |   |          |  |                |            |                      |               |                    |
| GF4155   | High Efficiency Flexible Battery Based on Graphene-Carbon Nanotube Hybrid Structure   | Research | Florida International University           | Federal        | PI         | \$53,407             | 80%           | \$42,726           |
| <i>Choi, W., PI; Mechanical &amp; Energy Engineering; Materials Science &amp; Engineering</i>  |   |          |  |                |            |                      |               |                    |
| GF4168   | A New Route Toward Systematic Control of Electronic Structures of Graphene and Fabrication of Graphene  | Research | Florida International University           | Federal        | PI         | \$7,722              | 80%           | \$6,178            |
| <i>Choi, W., PI; Mechanical &amp; Energy Engineering; Materials Science &amp; Engineering</i>  |   |          |  |                |            |                      |               |                    |
| GP6283   | Graphene-Carbon Nanotubes for High Efficiency Flexible Solar Cells  | Research | Korea Electrotechnology Research Institute | Private        | PI         | -\$61,489            | 20%           | (\$12,298)         |
| <i>Choi, W., PI; Mechanical &amp; Energy Engineering; Materials Science &amp; Engineering</i>  |   |          |  |                |            |                      |               |                    |
| GP6339   | 3D Carbon Nanomaterials Towards High Efficiency Energy Storage  | Research | Korea Institute of Science and Technology  | Private        | PI         | \$11,948             | 20%           | \$2,390            |
| <i>Choi, W., PI; Mechanical &amp; Energy Engineering; Materials Science &amp; Engineering</i>  |   |          |  |                |            |                      |               |                    |
| GP6408   | 3D Carbon Nanomaterials Towards High Efficiency Energy Storage (II)   | Research | Korea Institute of Science and Technology  | Private        | PI         | \$49,982             | 20%           | \$9,996            |
| <i>Choi, W., PI; Mechanical &amp; Energy Engineering; Materials Science &amp; Engineering</i>  |   |          |  |                |            |                      |               |                    |
| GP6446   | High Efficiency Flexible Rechargeable Battery Based on 3D Graphene-Carbon Nanotubes   | Research | Korea Institute of Energy Research         | Private        | PI         | \$66,878             | 20%           | \$13,376           |
| Totals for <b>Choi,Wonbong</b>   |   |          |  |                |            |                      |               | <b>\$62,290</b>    |
| <b>D'Souza,Nandika Anne</b>  |   |          |  |                |            |                      |               |                    |
| <i>D'Souza, N., PI; Mechanical &amp; Energy Engineering; D'Souza, N., PI; Materials Science &amp; 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      | Research | National Science Foundation                | Federal        | PI         | \$3,258              | 40%           | \$1,303            |
| <i>D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Tao, Y., Co-PI; Prasad, V., Co-PI; Mechanical &amp; Energy Engineering</i> |   |          |  |                |            |                      |               |                    |
| GF1585   | PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment | Research | National Science Foundation                | Federal        | PI         | \$37,220             | 32%           | \$11,910           |
| <i>D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Tao, Y., Co-PI; Prasad, V., Co-PI; Mechanical &amp; Energy Engineering</i> |   |          |  |                |            |                      |               |                    |
| GF1585   | PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment | Research | National Science Foundation                | Federal        | PI         | \$117,825            | 40%           | \$47,130           |
| <i>D'Souza, N., PI; Materials Science &amp; Engineering; D'Souza, N., PI; Tao, Y., Co-PI; Prasad, V., Co-PI; Mechanical &amp; Energy Engineering</i> |   |          |  |                |            |                      |               |                    |
| GF1585   | PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment | Research | National Science Foundation                | Federal        | PI         | \$37,220             | 8%            | \$2,978            |

| <b>Project ID</b>  | <b>Title</b>   | <b>Category</b> | <b>Sponsor</b>                                     | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|--|--|-----------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>D'Souza, N., Co-PI; Ju, J., PI; Mechanical &amp; Energy Engineering; D'Souza, N., Co-PI; Materials Science &amp; Engineering</i>                              |  |                 |  |                       |                   |                             |                      |                           |
| GF1665   | Planning Grant: I/UCRC - Center for Tire Research - UNT Site Initiative - Sustainable Technologies of Tires  | Research        | National Science Foundation                        | Federal               | Co-PI             | \$6,176                     | 40%                  | \$2,470                   |
| <i>D'Souza, N., PI; Mechanical &amp; Energy Engineering; D'Souza, N., PI; Materials Science &amp; Engineering; Golden, T., Co-PI; Chemistry</i>                  |  |                 |  |                       |                   |                             |                      |                           |
| GP6278   | Bioinspired Nanocomposite Coatings for Corrosion Protection  | Research        | Qatar University                                   | Private               | PI                | \$94,598                    | 40%                  | \$37,839                  |
| <i>D'Souza, N., PI; Choi, T., Co-PI; Mechanical &amp; Energy Engineering; D'Souza, N., PI; Materials Science &amp; Engineering</i>                               |  |                 |  |                       |                   |                             |                      |                           |
| GP6315   | Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials             | Research        | Semiconductor Research Corporation                 | Private               | PI                | \$70,876                    | 40%                  | \$28,350                  |
| Totals for <b>D'Souza,Nandika Anne</b>   |  |                 |  |                       |                   |                             |                      | <b>\$131,981</b>          |
| <b>John,Kuruvilla</b>  |  |                 |  |                       |                   |                             |                      |                           |
| <i>John, K., Co-PI; Mechanical &amp; Energy Engineering; Oppong, J., PI; Briggie, A., Co-PI; Philosophy &amp; Religion Studies; Wilson, A., Co-PI; Chemistry</i> |  |                 |  |                       |                   |                             |                      |                           |
| GF1675   | Gaming Graduate Ethics Education in Science & Engineering  | Research        | National Science Foundation                        | Federal               | Co-PI             | \$76,265                    | 10%                  | \$7,626                   |
| GP6403   | North Texas Ozone Attainment Initiative Study  | Research        | Downwinders at Risk Educational Foundation (DAREF) | Private               | PI                | \$57,593                    | 100%                 | \$57,593                  |
| GS6030   | Corpus Christi Ozone Near Non-Attainment Area Air Quality Monitoring Activities (2014-2015)                  | Research        | City of Corpus Christi                             | State                 | PI                | \$121,322                   | 100%                 | \$121,322                 |
| Totals for <b>John,Kuruvilla</b>   |  |                 |  |                       |                   |                             |                      | <b>\$186,541</b>          |
| <b>Ju,Jaehyung</b>   |  |                 |  |                       |                   |                             |                      |                           |
| <i>Ju, J., PI; D'Souza, N., Co-PI; Mechanical &amp; Energy Engineering; D'Souza, N., Co-PI; Materials Science &amp; Engineering</i>                              |  |                 |  |                       |                   |                             |                      |                           |
| GF1665   | Planning Grant: I/UCRC - Center for Tire Research - UNT Site Initiative - Sustainable Technologies of Tires  | Research        | National Science Foundation                        | Federal               | PI                | \$6,176                     | 50%                  | \$3,088                   |
| GP6344   | Fracture Toughness Modeling of Ductile Cellular Materials  | Research        | Korea Intelligent Cellular Structures Co., Ltd.    | Private               | PI                | -\$383                      | 100%                 | (\$383)                   |
| GP6389   | Smart Tires with Inflated Bellow Systems   | Research        | Peterbuilt Motor Company                           | Private               | PI                | \$501                       | 100%                 | \$501                     |
| Totals for <b>Ju,Jaehyung</b>  |  |                 |  |                       |                   |                             |                      | <b>\$3,206</b>            |
| <b>Nie,Xu</b>  |  |                 |  |                       |                   |                             |                      |                           |
| GF2682   | Novel Experimental Techniques, Size Effect, and Damage Evolution for Heterogeneous Materials                 | Research        | Air Force Research Laboratory                      | Federal               | PI                | \$33,786                    | 100%                 | \$33,786                  |
| <i>Nie, X., PI; Yu, X., Co-PI; Mechanical &amp; Energy Engineering</i>   |  |                 |  |                       |                   |                             |                      |                           |
| GF2684   | Highly Stretchable Miniature Strain Sensors for Kolsky Bar Applications - Phase I: Feasibility Investigation | Research        | Sandia National Laboratory                         | Federal               | PI                | \$37,530                    | 50%                  | \$18,765                  |
| <i>Tao, Y., PI; Yu, X., Co-PI; Mechanical &amp; Energy Engineering</i>   |  |                 |  |                       |                   |                             |                      |                           |
| GF2684   | Highly Stretchable Miniature Strain Sensors for Kolsky Bar Applications - Phase I: Feasibility Investigation | Research        | Sandia National Laboratory                         | Federal               | PI                | \$5,881                     | 50%                  | \$2,940                   |



| <b>Project ID</b>  | <b>Title</b>  | <b>Category</b> | <b>Sponsor</b>                  | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|--|---|-----------------|---------------------------------|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| GF2691   | Dynamic Behavior and Failure of Advanced High-Performance Structural Materials  | Research        | U.S. Army Corps of Engineers    | Federal               | PI                | \$69,385                    | 100%                 | \$69,385                  |
| GF4200   | Dynamic Interfacial Friction Under Various Pressure and Temperature Conditions  | Research        | Purdue University               | Federal               | PI                | \$63,189                    | 100%                 | \$63,189                  |
|  |   | Totals for      | <b>Nie,Xu</b>                   |                       |                   |                             |                      | <b>\$188,065</b>          |
| <b>Prasad,Vishwanath</b>   |   |                 |                                 |                       |                   |                             |                      |                           |
| <i>Prasad, V., Co-PI; D'Souza, N., PI; Tao, Y., Co-PI; Mechanical &amp; Energy Engineering; D'Souza, N., PI; Materials Science &amp; Engineering</i> |   |                 |                                 |                       |                   |                             |                      |                           |
| GF1585   | PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment | Research        | National Science Foundation     | Federal               | Co-PI             | \$155,045                   | 25%                  | \$38,761                  |
|  |   | Totals for      | <b>Prasad,Vishwanath</b>        |                       |                   |                             |                      | <b>\$38,761</b>           |
| <b>Shi,Sheldon Qiang</b>   |   |                 |                                 |                       |                   |                             |                      |                           |
| GF1614   | Impregnated Inorganic Nanoparticles at the Natural Fiber-Thermoplastic Polymer Interface  | Research        | National Science Foundation     | Federal               | PI                | -\$2,130                    | 100%                 | (\$2,130)                 |
| GP6267   | Evaluation of the Application Options of CCTS Carbon Powders  | Research        | Carbon Component Tech Services  | Private               | PI                | -\$12,335                   | 100%                 | (\$12,335)                |
| GP6353   | Evaluation of Petrozene as a Wax Removal Agent  | Research        | Freestone Resources, Inc.       | Private               | PI                | \$3,332                     | 100%                 | \$3,332                   |
| GP6385   | Evaluation of Coating Powder from Coating by PCD Inc. for Concrete Forming Application  | Research        | Coatings by PCD, Inc.           | Private               | PI                | \$5,450                     | 100%                 | \$5,450                   |
| GP6421   | CCTS Carbon Powder for Paint to Improve the Abrasion Resistant  | Research        | Carbon Component Tech Services  | Private               | PI                | \$8,305                     | 100%                 | \$8,305                   |
|  |   | Totals for      | <b>Shi,Sheldon Qiang</b>        |                       |                   |                             |                      | <b>\$2,621</b>            |
| <b>Tao,Yong Xin</b>  |   |                 |                                 |                       |                   |                             |                      |                           |
| <i>Tao, Y., Co-PI; D'Souza, N., PI; Prasad, V., Co-PI; Mechanical &amp; Energy Engineering; D'Souza, N., PI; Materials Science &amp; Engineering</i> |   |                 |                                 |                       |                   |                             |                      |                           |
| GF1585   | PFI: Farmer-Academic-Industry Partnership for the Development of Sustainable, Energy Efficient, Multifunctional Bioproducts for the Built Environment | Research        | National Science Foundation     | Federal               | Co-PI             | \$155,045                   | 25%                  | \$38,761                  |
| GF1667   | RCN-SEES: Predictive Modeling Network for Sustainable Human-Building Ecosystems (SHBE)  | Research        | National Science Foundation     | Federal               | PI                | \$81,139                    | 100%                 | \$81,139                  |
|  |   | Totals for      | <b>Tao,Yong Xin</b>             |                       |                   |                             |                      | <b>\$119,900</b>          |
| <b>Yu,Xun</b>  |   |                 |                                 |                       |                   |                             |                      |                           |
| GF2671   | Airport Pavement Condition Monitoring Using Self-Powered Wireless Active Sensing System   | Research        | Federal Aviation Administration | Federal               | PI                | \$107,882                   | 100%                 | \$107,882                 |

| Project ID   | Title  | Category                                   | Sponsor                    | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|--|----------------------------|----------------|------------|----------------------|---------------|--------------------|
| <i>Yu, X., Co-PI; Nie, X., PI; Mechanical &amp; Energy Engineering</i> |  |  |                            |                |            |                      |               |                    |
| GF2684   | Highly Stretchable Miniature Strain Sensors for Kolsky Bar Applications - Phase I: Feasibility Investigation | Research                                   | Sandia National Laboratory | Federal        | Co-PI      | \$43,410             | 50%           | \$21,705           |
| Totals for   |  | <b>Yu,Xun</b>                              |                            |                |            |                      |               | <b>\$129,587</b>   |
| Totals for   |  | <b>Mechanical &amp; Energy Engineering</b> |                            |                |            |                      |               | <b>\$898,417</b>   |
| Totals for   |  | <b>College of Engineering</b>              |                            |                |            |                      |               | <b>\$8,201,056</b> |

**College of Information  
Learning Technologies**

**Allen,Jeffrey M**

*Allen, J., PI; Nimon, K., Co-PI; Learning Technologies*

|            |  |                        |                        |         |    |           |      |                  |
|------------|--|------------------------|------------------------|---------|----|-----------|------|------------------|
| GF4118     | Statistics and Risk Management   | Instruction            | Texas Education Agency | Federal | PI | \$0       | 50%  | \$0              |
| GF4195     | 2013-2014 Career and Technical Education - Statewide Leadership Projects | Instruction            | Texas Education Agency | Federal | PI | -\$5      | 100% | (\$5)            |
| GF4196     | 2013-2014 Career and Technical Education - Statewide Leadership Projects | Instruction            | Texas Education Agency | Federal | PI | \$2,160   | 100% | \$2,160          |
| GF4229     | 2014-2015 Career and Technical Education - Statewide Leadership Project  | Instruction            | Texas Education Agency | Federal | PI | \$299,013 | 100% | \$299,013        |
| GF4230     | 2014-2015 Career and Technical Education - Statewide Leadership Project  | Instruction            | Texas Education Agency | Federal | PI | \$260,664 | 100% | \$260,664        |
| GF4239     | Professional Development - Statistics and Risk Management                | Instruction            | Texas Education Agency | Federal | PI | \$17,031  | 100% | \$17,031         |
| Totals for |  | <b>Allen,Jeffrey M</b> |                        |         |    |           |      | <b>\$578,863</b> |

**Christensen,Rhonda R**

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

|   |   |                             |                             |         |       |           |     |                  |
|---|---|-----------------------------|-----------------------------|---------|-------|-----------|-----|------------------|
| GF1666  | Going Green! Middle Schoolers Out to Save the World (MSOSW)   | Research                    | National Science Foundation | Federal | Co-PI | \$448,159 | 33% | \$147,892        |
| <i>Christensen, R., Co-PI; Tyler-Wood, T., PI; Knezek, G., Co-PI; Learning Technologies</i> |   |                             |                             |         |       |           |     |                  |
| GF1727  | Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions | Research                    | National Science Foundation | Federal | Co-PI | \$10,106  | 33% | \$3,335          |
| <i>Christensen, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learning Technologies</i> |   |                             |                             |         |       |           |     |                  |
| GF4079  | Research and Evaluation for the Fablab Classroom  | Research                    | University of Virginia      | Federal | Co-PI | \$792     | 25% | \$198            |
| <i>Christensen, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learning Technologies</i> |   |                             |                             |         |       |           |     |                  |
| GP6405  | Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)   | Research                    | University of Hawaii        | Private | Co-PI | \$104,403 | 33% | \$34,453         |
| Totals for  |   | <b>Christensen,Rhonda R</b> |                             |         |       |           |     | <b>\$185,879</b> |

| Project ID  | Title   | Category    | Sponsor                             | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|---|-------------|-------------------------------------|----------------|------------|----------------------|---------------|--------------------|
| <b>Cox,Nancy Lynne</b>  |   |             |                                     |                |            |                      |               |                    |
| GF4235  | CTE Curriculum Development and Evaluation Grant   | Instruction | Everman Independent School District | Federal        | PI         | \$20,045             | 100%          | \$20,045           |
| Totals for <b>Cox,Nancy Lynne</b>   |   |             |                                     |                |            |                      |               | <b>\$20,045</b>    |
| <b>Knezek,Gerald</b>  |   |             |                                     |                |            |                      |               |                    |
| <i>Knezek, G., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Learning Technologies</i> |   |             |                                     |                |            |                      |               |                    |
| GF1666  | Going Green! Middle Schoolers Out to Save the World (MSOSW)   | Research    | National Science Foundation         | Federal        | PI         | \$448,159            | 34%           | \$152,374          |
| <i>Knezek, G., Co-PI; Tyler-Wood, T., PI; Christensen, R., Co-PI; Learning Technologies</i> |   |             |                                     |                |            |                      |               |                    |
| GF1727  | Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions | Research    | National Science Foundation         | Federal        | Co-PI      | \$10,106             | 33%           | \$3,335            |
| <i>Knezek, G., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Learning Technologies</i> |   |             |                                     |                |            |                      |               |                    |
| GF4079  | Research and Evaluation for the Fablab Classroom  | Research    | University of Virginia              | Federal        | PI         | \$792                | 50%           | \$396              |
| <i>Knezek, G., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Learning Technologies</i> |   |             |                                     |                |            |                      |               |                    |
| GP6405  | Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)   | Research    | University of Hawaii                | Private        | PI         | \$104,403            | 34%           | \$35,497           |
| Totals for <b>Knezek,Gerald</b>   |   |             |                                     |                |            |                      |               | <b>\$191,602</b>   |
| <b>Nimon,Kimmy Forrest</b>  |   |             |                                     |                |            |                      |               |                    |
| <i>Nimon, K., Co-PI; Allen, J., PI; Learning Technologies</i>                               |   |             |                                     |                |            |                      |               |                    |
| GF4118  | Statistics and Risk Management  | Instruction | Texas Education Agency              | Federal        | Co-PI      | \$0                  | 50%           | \$0                |
| GS6026  | CTE Curriculum Development and Evaluation   | Instruction | Everman Independent School District | State          | PI         | \$29                 | 100%          | \$29               |
| Totals for <b>Nimon,Kimmy Forrest</b>   |   |             |                                     |                |            |                      |               | <b>\$29</b>        |
| <b>Tyler-Wood,Tandra L</b>  |   |             |                                     |                |            |                      |               |                    |
| <i>Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies</i> |   |             |                                     |                |            |                      |               |                    |
| GF1666  | Going Green! Middle Schoolers Out to Save the World (MSOSW)   | Research    | National Science Foundation         | Federal        | Co-PI      | \$448,159            | 33%           | \$147,892          |
| <i>Tyler-Wood, T., PI; Knezek, G., Co-PI; Christensen, R., Co-PI; Learning Technologies</i> |   |             |                                     |                |            |                      |               |                    |
| GF1727  | Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions | Research    | National Science Foundation         | Federal        | PI         | \$10,106             | 34%           | \$3,436            |
| <i>Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies</i> |   |             |                                     |                |            |                      |               |                    |
| GF4079  | Research and Evaluation for the Fablab Classroom  | Research    | University of Virginia              | Federal        | Co-PI      | \$792                | 25%           | \$198              |
| GF4226  | Exploring STEM Learning Options: A Postdoctoral Fellowship Award  | Research    | Baton Rouge Area Foundation         | Federal        | PI         | \$71,025             | 100%          | \$71,025           |

| Project ID  | Title   | Category    | Sponsor                           | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |                    |
|---|---|-------------|-----------------------------------|----------------|------------|----------------------|---------------|--------------------|--------------------|
| <i>Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies</i>                                       |   |             |                                   |                |            |                      |               |                    |                    |
| GP6405  | Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology)   | Research    | University of Hawaii              | Private        | Co-PI      | \$104,403            | 33%           | \$34,453           |                    |
|   |   | Totals for  | <b>Tyler-Wood,Tandra L</b>        |                |            |                      |               |                    | <b>\$257,004</b>   |
| <b>Wircenski,Jerry Lee</b>  |   |             |                                   |                |            |                      |               |                    |                    |
| GF4231  | 2014-2015 Career and Technical Education - Statewide Leadership Project: Govt and Public Administration; Health Science; Law, Public Safety, Corrections and Security | Instruction | Texas Education Agency            | Federal        | PI         | \$292,860            | 100%          | \$292,860          |                    |
| GF4232  | 2014-2015 Career and Technical Education - Statewide Leadership Project: Arts, A/V Technology, and Communications; Information Technology                             | Instruction | Texas Education Agency            | Federal        | PI         | \$88,548             | 100%          | \$88,548           |                    |
|   |   | Totals for  | <b>Wircenski,Jerry Lee</b>        |                |            |                      |               |                    | <b>\$381,408</b>   |
| <b>Wircenski,Michelle D</b>   |   |             |                                   |                |            |                      |               |                    |                    |
| GF4194  | 2013-2014 Career and Technical Education - Statewide Leadership Projects: Educ Excellence - Arts, AV Technology & Communications; and Information Technology          | Instruction | Texas Education Agency            | Federal        | PI         | \$0                  | 100%          | \$0                |                    |
| GF4232  | 2014-2015 Career and Technical Education - Statewide Leadership Project: Arts, A/V Technology, and Communications; Information Technology                             | Instruction | Texas Education Agency            | Federal        | PI         | \$21,976             | 100%          | \$21,976           |                    |
| GF4232  | 2014-2015 Career and Technical Education - Statewide Leadership Project: Arts, A/V Technology, and Communications; Information Technology                             | Research    | Texas Education Agency            | Federal        | PI         | \$155,757            | 100%          | \$155,757          |                    |
|   |   | Totals for  | <b>Wircenski,Michelle D</b>       |                |            |                      |               |                    | <b>\$177,732</b>   |
|   |   | Totals for  | <b>Learning Technologies</b>      |                |            |                      |               |                    | <b>\$1,792,563</b> |
| <b>Library &amp; Information Sciences</b>   |   |             |                                   |                |            |                      |               |                    |                    |
| <b>Caragea,Cornelia Alexandra</b>   |   |             |                                   |                |            |                      |               |                    |                    |
| <i>Caragea, C., PI; Library &amp; Information Sciences; Caragea, C., PI; Computer Science &amp; Engineering</i>                   |   |             |                                   |                |            |                      |               |                    |                    |
| GF1671  | EAGER: Collaborative Research: Establishing Trustworthy Citizen-Created Data for Disaster Response and Humanitarian Action  | Research    | National Science Foundation       | Federal        | PI         | \$21,607             | 20%           | \$4,321            |                    |
| <i>Caragea, C., PI; Library &amp; Information Sciences; Caragea, C., PI; Computer Science &amp; Engineering</i>                   |   |             |                                   |                |            |                      |               |                    |                    |
| GF1700  | TWC: Small: Collaborative: Towards Privacy Preserving Online Image Sharing  | Research    | National Science Foundation       | Federal        | PI         | \$18,523             | 20%           | \$3,705            |                    |
| <i>Caragea, C., PI; Library &amp; Information Sciences; Caragea, C., PI; Tarau, P., Co-PI; Computer Science &amp; Engineering</i> |   |             |                                   |                |            |                      |               |                    |                    |
| GF1703  | III: Small: Collaborative Research: Keyphrase Extraction in Document Networks   | Research    | National Science Foundation       | Federal        | PI         | \$19,678             | 14%           | \$2,755            |                    |
|   |   | Totals for  | <b>Caragea,Cornelia Alexandra</b> |                |            |                      |               |                    | <b>\$10,781</b>    |
| <b>Chandler,Yvonne J</b>  |   |             |                                   |                |            |                      |               |                    |                    |

| <b>Project ID</b>   | <b>Title</b>  | <b>Category</b>            | <b>Sponsor</b>                           | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|---|---|----------------------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>Chandler, Y., PI; Library &amp; Information Sciences; Avery, E., Co-PI; Dean, Libraries</i>  |   |                            |  |                       |                   |                             |                      |                           |
| GF2624  | Library Education for the Islanders in the Pacific: A Project to Strengthen Libraries and Library Education in the US-Affiliated Pacific Islands                                      | Instruction                | Institute of Museum and Library Services | Federal               | PI                | \$6,300                     | 50%                  | \$3,150                   |
| <i>Chandler, Y., PI; Library &amp; Information Sciences; Halbert, M., Co-PI; Dean, Libraries</i>  |   |                            |  |                       |                   |                             |                      |                           |
| GF2664  | ELMS - Educating Librarians in the Middle South - Diversifying Librarianship for our Digital Future   | Instruction                | Institute of Museum and Library Services | Federal               | PI                | \$170,233                   | 60%                  | \$102,140                 |
| <i>Chandler, Y., PI; Library &amp; Information Sciences; Halbert, M., Co-PI; Dean, Libraries</i>  |   |                            |  |                       |                   |                             |                      |                           |
| GF2694  | Library Education for the US-Affiliated Pacific: A Project to Strengthen the Digital Future of the Pacific (LEAP II)  | Instruction                | Institute of Museum and Library Services | Federal               | PI                | \$10,904                    | 75%                  | \$8,178                   |
| Totals for  |   | <b>Chandler, Yvonne J</b>  |  |                       |                   |                             |                      | <b>\$113,468</b>          |
| <b>Chen, Jiangping</b>  |   |                            |  |                       |                   |                             |                      |                           |
| GF2670  | National Leadership Grant 2013: Effective and Efficient Multilingual Information Access to Digital Collections  | Research                   | Institute of Museum and Library Services | Federal               | PI                | \$244,317                   | 100%                 | \$244,317                 |
| Totals for  |   | <b>Chen, Jiangping</b>     |  |                       |                   |                             |                      | <b>\$244,317</b>          |
| <b>Du, Yunfei</b>   |   |                            |  |                       |                   |                             |                      |                           |
| GP6141  | Rural Library Initiative: Advancing the Role of Rural Libraries in Local Communities Through Cooperative Programs and Educational Opportunities                                       | Public Service             | Robert & Ruby Priddy Charitable Trust    | Private               | PI                | \$99,586                    | 100%                 | \$99,586                  |
| Totals for  |   | <b>Du, Yunfei</b>          |  |                       |                   |                             |                      | <b>\$99,586</b>           |
| <b>Hawamdeh, Suliman M</b>  |   |                            |  |                       |                   |                             |                      |                           |
| <i>Hawamdeh, S., Co-PI; Library &amp; Information Sciences; Dantu, R., PI; Computer Science &amp; Engineering; Kim, D., Co-PI; Information Technology &amp; Decision Sciences</i> |   |                            |  |                       |                   |                             |                      |                           |
| GF1634  | SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance  | Instruction                | National Science Foundation              | Federal               | Co-PI             | \$149,900                   | 25%                  | \$37,475                  |
| <i>Hawamdeh, S., Co-PI; Library &amp; Information Sciences; Dantu, R., PI; Computer Science &amp; Engineering; Kim, D., Co-PI; Information Technology &amp; Decision Sciences</i> |   |                            |  |                       |                   |                             |                      |                           |
| GF1634  | SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance  | Research                   | National Science Foundation              | Federal               | Co-PI             | \$1,410                     | 25%                  | \$352                     |
| Totals for  |   | <b>Hawamdeh, Suliman M</b> |  |                       |                   |                             |                      | <b>\$37,828</b>           |
| <b>Kim, Jeonghyun</b>   |   |                            |  |                       |                   |                             |                      |                           |
| <i>Kim, J., Co-PI; Moen, W., PI; Library &amp; Information Sciences; Halbert, M., Co-PI; Dean, Libraries</i>  |   |                            |  |                       |                   |                             |                      |                           |
| GF2640  | Digital Information Management and Curation for 21st Century Science and Scholarship: Preparing Information Professionals and Disciplinary Researchers Using a Teaching Library Model | Instruction                | Institute of Museum and Library Services | Federal               | Co-PI             | \$38,666                    | 50%                  | \$19,333                  |
| Totals for  |   | <b>Kim, Jeonghyun</b>      |  |                       |                   |                             |                      | <b>\$19,333</b>           |
| <b>Moen, William Eugene</b>   |   |                            |  |                       |                   |                             |                      |                           |
| <i>Moen, W., PI; Kim, J., Co-PI; Library &amp; Information Sciences; Halbert, M., Co-PI; Dean, Libraries</i>  |   |                            |  |                       |                   |                             |                      |                           |
| GF2640  | Digital Information Management and Curation for 21st Century Science and Scholarship: Preparing Information Professionals and Disciplinary Researchers Using a Teaching Library Model | Instruction                | Institute of Museum and Library Services | Federal               | PI                | \$38,666                    | 30%                  | \$11,600                  |

| Project ID  | Title  | Category                                      | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|---|--|----------------|------------|----------------------|---------------|--------------------|
| GP6236  | Web Archiving Ph.D. Opportunity: A Collaboration of the UNT Libraries, UNT College of Information, and the Internet Archive                        | Public Service                                | International Internet Preservation Consortium | Private        | PI         | \$9,056              | 100%          | \$9,056            |
| Totals for  |  | <b>Moen,William Eugene</b>                    |  |                |            |                      |               | <b>\$20,656</b>    |
| <b>West,Ruth</b>  |  |   |  |                |            |                      |               |                    |
| <i>West, R., PI; Library &amp; Information Sciences; CoVAD-Division Of Studio</i> |  |   |  |                |            |                      |               |                    |
| GF1658  | CGV: Medium: Collaborative Research: Developing Conceptual Models for Navigation, Marking, and Inspection in the Context of 3D Image Segmentation" | Research                                      | National Science Foundation                    | Federal        | PI         | \$63,592             | 60%           | \$38,155           |
| <i>West, R., PI; Library &amp; Information Sciences; CoVAD-Division Of Studio</i> |  |   |  |                |            |                      |               |                    |
| GF1668  | NSF RI Large Collaborative Research: ImageQuest: Citizens Advancing Biology with Calibrated Imaging and Validated Analysis                         | Research                                      | National Science Foundation                    | Federal        | PI         | \$2,668              | 60%           | \$1,601            |
| Totals for  |  | <b>West,Ruth</b>                              |  |                |            |                      |               | <b>\$39,756</b>    |
| Totals for  |  | <b>Library &amp; Information Sciences</b>     |  |                |            |                      |               | <b>\$585,724</b>   |
| <b>Linguistics</b>  |  |   |  |                |            |                      |               |                    |
| <b>Chelliah,Shobhana L</b>  |  |   |  |                |            |                      |               |                    |
| GF1626  | Rotating Program Officer: Documenting Endangered Languages Program   | Public Service                                | National Science Foundation                    | Federal        | PI         | \$131,831            | 100%          | \$131,831          |
| Totals for  |  | <b>Chelliah,Shobhana L</b>                    |  |                |            |                      |               | <b>\$131,831</b>   |
| <b>Munshi,Sadaf</b>   |  |   |  |                |            |                      |               |                    |
| GF1541  | Archive of Annotated Burushaski Texts  | Research                                      | National Science Foundation                    | Federal        | PI         | \$7,854              | 100%          | \$7,854            |
| GF1613  | Lamkang Lexical Database and Online Dictionary (LMK)   | Research                                      | National Science Foundation                    | Federal        | PI         | \$12,091             | 100%          | \$12,091           |
| Totals for  |  | <b>Munshi,Sadaf</b>                           |  |                |            |                      |               | <b>\$19,944</b>    |
| Totals for  |  | <b>Linguistics</b>                            |  |                |            |                      |               | <b>\$151,775</b>   |
| <b>TX Center for Educational Technologies</b>                                     |  |   |  |                |            |                      |               |                    |
| <b>Peet,Martha W</b>  |  |   |  |                |            |                      |               |                    |
| GF4113  | Evaluation of Transformation 2013 Year 2011-2012   | Instruction                                   | Education Service Center Region 13             | Federal        | PI         | \$2                  | 100%          | \$2                |
| Totals for  |  | <b>Peet,Martha W</b>                          |  |                |            |                      |               | <b>\$2</b>         |
| Totals for  |  | <b>TX Center for Educational Technologies</b> |  |                |            |                      |               | <b>\$2</b>         |
| Totals for  |  | <b>College of Information</b>                 |  |                |            |                      |               | <b>\$2,530,064</b> |

**College of Public Affairs & Community Service**

**Anthropology**

**Henry,Lisa Renee**

| Project ID   | Title   | Category                       | Sponsor                                    | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|--------------------------------|--|----------------|------------|----------------------|---------------|--------------------|
| GP6281   | Hunger in North Texas: Identifying Factors that Influence Food Security   | Research                       | North Texas Food Bank - Hunger Center      | Private        | PI         | \$135                | 100%          | \$135              |
|  | Totals for  | <b>Henry,Lisa Renee</b>        |  |                |            |                      |               | <b>\$135</b>       |
| <b>Squires,Susan Elaine</b>                                    |   |                                |  |                |            |                      |               |                    |
| GS6027   | Aging Texas Well Community Assessment   | Research                       | North Central Texas Council of Governments | State          | PI         | \$19,129             | 100%          | \$19,129           |
|  | Totals for  | <b>Squires,Susan Elaine</b>    |  |                |            |                      |               | <b>\$19,129</b>    |
| <b>Wasson,Christina</b>  |   |                                |  |                |            |                      |               |                    |
| GF1677   | EAGER: Integrating the Analysis of Decision-making in Meetings With the Analysis of Network Interactions in the Study of Environmental Governance | Research                       | National Science Foundation                | Federal        | PI         | \$0                  | 100%          | \$0                |
|  | Totals for  | <b>Wasson,Christina</b>        |  |                |            |                      |               | <b>\$0</b>         |
|  | Totals for  | <b>Anthropology</b>            |  |                |            |                      |               | <b>\$19,264</b>    |
| <b>Behavior Analysis</b>                                       |   |                                |  |                |            |                      |               |                    |
| <b>Ingvarsson,Einar</b>  |   |                                |  |                |            |                      |               |                    |
| <i>Ingvarsson, E., Co-PI; Smith, R., PI; Behavior Analysis</i> |   |                                |  |                |            |                      |               |                    |
| GP6239   | Behavior Analysis Resource Center (BARC)  | Instruction                    | Child Study Center                         | Private        | Co-PI      | \$70,131             | 40%           | \$28,052           |
|  | Totals for  | <b>Ingvarsson,Einar</b>        |  |                |            |                      |               | <b>\$28,052</b>    |
| <b>Schlund,Michael William</b>                                 |   |                                |  |                |            |                      |               |                    |
| GF4203   | Pubertal and Motivational Influences on Frontolimbic Systems in Adolescence   | Research                       | University of Pittsburgh                   | Federal        | PI         | \$14,847             | 100%          | \$14,847           |
|  | Totals for  | <b>Schlund,Michael William</b> |  |                |            |                      |               | <b>\$14,847</b>    |
| <b>Smith,Richard G</b>   |   |                                |  |                |            |                      |               |                    |
| <i>Smith, R., PI; Ingvarsson, E., Co-PI; Behavior Analysis</i> |   |                                |  |                |            |                      |               |                    |
| GP6239   | Behavior Analysis Resource Center (BARC)  | Instruction                    | Child Study Center                         | Private        | PI         | \$70,131             | 60%           | \$42,079           |
| GS5198   | Behavior Analysis Resource Center (BARC)  | Public Service                 | Texas Department of Aging & Disability     | State          | PI         | \$205,991            | 100%          | \$205,991          |
| GS5200   | Behavior Analysis Resource Center: Competency Based Training Contract   | Research                       | Texas Department of Aging & Disability     | State          | PI         | \$41,516             | 100%          | \$41,516           |
| GS5205   | DADS PBM Workshops  | Public Service                 | Texas Department of Aging & Disability     | State          | PI         | \$33,052             | 100%          | \$33,052           |
|  | Totals for  | <b>Smith,Richard G</b>         |  |                |            |                      |               | <b>\$322,637</b>   |
|  | Totals for  | <b>Behavior Analysis</b>       |  |                |            |                      |               | <b>\$365,537</b>   |
| <b>Community &amp; Professional Programs</b>                   |   |                                |  |                |            |                      |               |                    |
| <b>Thomas,Cecilia Louise</b>                                   |   |                                |  |                |            |                      |               |                    |

| Project ID | Title  | Category    | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|------------|--|-------------|--|----------------|------------|----------------------|---------------|--------------------|
| GF4188     | Title IV-E Child Welfare Grant               | Instruction | Texas Department of Family & Protective Services | Federal        | PI         | \$88                 | 100%          | \$88               |
| GF4223     | Title IV-E Child Welfare Grant               | Instruction | Texas Department of Family & Protective Services | Federal        | PI         | \$178,594            | 100%          | \$178,594          |
| GF4261     | Title IV-E Child Welfare Grant               | Instruction | Texas Department of Family & Protective Services | Federal        | PI         | \$9,500              | 100%          | \$9,500            |
| Totals for | <b>Thomas,Cecilia Louise</b>                 |             |  |                |            |                      |               | <b>\$188,182</b>   |
| Totals for | <b>Community &amp; Professional Programs</b> |             |  |                |            |                      |               | <b>\$188,182</b>   |

### Public Administration

#### Andrew,Simon

Andrew, S., PI; Arlikatti, S., Co-PI; Public Administration

|            |  |          |                             |         |    |          |     |                 |
|------------|--|----------|-----------------------------|---------|----|----------|-----|-----------------|
| GF1712     | RAPID: Modeling Communication Management and Trust Networks in Ebola Response in Dallas-Fort Worth Metropolitan Region | Research | National Science Foundation | Federal | PI | \$34,380 | 50% | \$17,190        |
| Totals for | <b>Andrew,Simon</b>  |          |                             |         |    |          |     | <b>\$17,190</b> |

#### Arlikatti,Sudha

|        |   |                |   |         |    |         |      |         |
|--------|---|----------------|---|---------|----|---------|------|---------|
| G70292 | Administrative Services for the Texas Emergency Manager Certification Program | Public Service | Emergency Management Association of Texas | Private | PI | \$1,222 | 100% | \$1,222 |
|--------|---|----------------|---|---------|----|---------|------|---------|

Arlikatti, S., Co-PI; Andrew, S., PI; Public Administration

|            |  |          |                             |         |       |          |     |                 |
|------------|--|----------|-----------------------------|---------|-------|----------|-----|-----------------|
| GF1712     | RAPID: Modeling Communication Management and Trust Networks in Ebola Response in Dallas-Fort Worth Metropolitan Region | Research | National Science Foundation | Federal | Co-PI | \$34,380 | 50% | \$17,190        |
| Totals for | <b>Arlikatti,Sudha</b>   |          |                             |         |       |          |     | <b>\$18,412</b> |

#### Benavides,Abraham David

Benavides, A., PI; McEntire, D., Co-PI; Public Administration

|            |   |          |                             |         |    |          |     |                 |
|------------|---|----------|-----------------------------|---------|----|----------|-----|-----------------|
| GF1713     | RAPID: Spontaneous Planning, Governance Structure, and a Public Health Emergency: Ebola in Dallas Texas | Research | National Science Foundation | Federal | PI | \$25,820 | 50% | \$12,910        |
| Totals for | <b>Benavides,Abraham David</b>  |          |                             |         |    |          |     | <b>\$12,910</b> |

#### Dash,Nicole

Dash, N., Co-PI; Webb, G., PI; Public Administration

|            |  |                |                                    |         |       |          |      |                 |
|------------|--|----------------|------------------------------------|---------|-------|----------|------|-----------------|
| GF1693     | An Exploratory Study of Disaster Preparedness among Native American Communities in the United States | Research       | National Science Foundation        | Federal | Co-PI | \$71,946 | 50%  | \$35,973        |
| GS5185     | TRS Customer Satisfaction Survey 2014  | Public Service | Teacher Retirement System of Texas | State   | PI    | \$27     | 100% | \$27            |
| Totals for | <b>Dash,Nicole</b>   |                |                                    |         |       |          |      | <b>\$36,000</b> |

#### Dicke,Lisa



| Project ID  | Title  | Category                      | Sponsor                                     | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|-------------------------------|---|----------------|------------|----------------------|---------------|--------------------|
| GP6336  | How Can Profession Membership Associations Provide Meaningful Value for their Members? Creating Models of Affiliation and Community Engagement | Research                      | ASAE Foundation                             | Private        | PI         | \$1                  | 100%          | \$1                |
|   | Totals for   | <b>Dicke,Lisa</b>             |   |                |            |                      |               | <b>\$1</b>         |
| <b>Dreyer,Katherine Maria</b>   |  |                               |   |                |            |                      |               |                    |
| GP6466  | Yitterbug Research Phase 1: Literature Review  | Public Service                | Yitterbug/Giraffe Revolution                | Private        | PI         | \$6,065              | 100%          | \$6,065            |
|   | Totals for   | <b>Dreyer,Katherine Maria</b> |   |                |            |                      |               | <b>\$6,065</b>     |
| <b>McEntire,David A</b>   |  |                               |   |                |            |                      |               |                    |
| <i>McEntire, D., Co-PI; Benavides, A., PI; Public Administration</i>                    |  |                               |   |                |            |                      |               |                    |
| GF1713  | RAPID: Spontaneous Planning, Governance Structure, and a Public Health Emergency: Ebola in Dallas Texas  | Research                      | National Science Foundation                 | Federal        | Co-PI      | \$25,820             | 50%           | \$12,910           |
|   | Totals for   | <b>McEntire,David A</b>       |   |                |            |                      |               | <b>\$12,910</b>    |
| <b>Shinkle,Patrick S.</b>   |  |                               |   |                |            |                      |               |                    |
| GP6298  | Administrative Services Contract   | Public Service                | Government Treasurers Organization of Texas | Private        | PI         | \$47,192             | 100%          | \$47,192           |
|   | Totals for   | <b>Shinkle,Patrick S.</b>     |   |                |            |                      |               | <b>\$47,192</b>    |
| <b>Webb,Gary R</b>  |  |                               |   |                |            |                      |               |                    |
| <i>Webb, G., PI; Dash, N., Co-PI; Public Administration</i>                             |  |                               |   |                |            |                      |               |                    |
| GF1693  | An Exploratory Study of Disaster Preparedness among Native American Communities in the United States   | Research                      | National Science Foundation                 | Federal        | PI         | \$71,946             | 50%           | \$35,973           |
|   | Totals for   | <b>Webb,Gary R</b>            |   |                |            |                      |               | <b>\$35,973</b>    |
|   | Totals for   | <b>Public Administration</b>  |   |                |            |                      |               | <b>\$186,653</b>   |
| <b>Rehabilitation, Social Work &amp; Addictions</b>                                     |  |                               |   |                |            |                      |               |                    |
| <b>Brooks,Jessica Marie</b>   |  |                               |   |                |            |                      |               |                    |
| GP6473  | Self-Determination, Vocational Rehabilitation Engagement and Recovery from Consumers' Perspective: A Mixed-Methods Study                       | Research                      | Hogg Foundation for Mental Health           | Private        | PI         | \$5,845              | 100%          | \$5,845            |
|   | Totals for   | <b>Brooks,Jessica Marie</b>   |   |                |            |                      |               | <b>\$5,845</b>     |
| <b>Carey,Chandra Donnell</b>  |  |                               |   |                |            |                      |               |                    |
| <i>Carey, C., PI; Catalano, D., Co-PI; Rehabilitation, Social Work &amp; Addictions</i> |  |                               |   |                |            |                      |               |                    |
| GS5195  | Partnerships for Allied Health Success   | Instruction                   | Texas Higher Education Coordinating Board   | State          | PI         | \$120,028            | 60%           | \$72,017           |
|   | Totals for   | <b>Carey,Chandra Donnell</b>  |   |                |            |                      |               | <b>\$72,017</b>    |
| <b>Catalano,Denise Ellen</b>  |  |                               |   |                |            |                      |               |                    |
| GF0603  | Long-term Training in Rehabilitation Counseling  | Instruction                   | U.S. Department of Education                | Federal        | PI         | \$4,205              | 100%          | \$4,205            |

| <b>Project ID</b>   | <b>Title</b>  | <b>Category</b>                                     | <b>Sponsor</b>   | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|---|---|---|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>Catalano, D., Co-PI; Carey, C., PI; Rehabilitation, Social Work &amp; Addictions</i> |   |   |  |                       |                   |                             |                      |                           |
| GS5195  | Partnerships for Allied Health Success  | Instruction   | Texas Higher Education Coordinating Board                        | State                 | Co-PI             | \$120,028                   | 40%                  | \$48,011                  |
|   | Totals for  | <b>Catalano,Denise Ellen</b>                        |  |                       |                   |                             |                      | <b>\$52,216</b>           |
| <b>Garber,Martha Ann</b>  |   |   |  |                       |                   |                             |                      |                           |
| GS5186  | DARS CRP Credentialing Project  | Public Service                                      | Texas Department of Assistive and Rehabilitative Services (DARS) | State                 | PI                | \$105,705                   | 100%                 | \$105,705                 |
| GS5199  | DARS CRP Credentialing Project  | Public Service                                      | Texas Department of Assistive and Rehabilitative Services (DARS) | State                 | PI                | \$82,750                    | 100%                 | \$82,750                  |
|   | Totals for  | <b>Garber,Martha Ann</b>                            |  |                       |                   |                             |                      | <b>\$188,455</b>          |
| <b>Holloway,Linda L</b>   |   |   |  |                       |                   |                             |                      |                           |
| GF0601  | Program for Comprehensive System of Personnel Development   | Instruction   | U.S. Department of Education                                     | Federal               | PI                | \$6,778                     | 100%                 | \$6,778                   |
| GP6451  | 2014-2015 Collegiate Grant Program: Prescription Drug Misuse and Abuse Prevention   | Public Service                                      | UNT Foundation   | Private               | PI                | \$938                       | 100%                 | \$938                     |
| GP6461  | Hogg Foundation Recovery to Practice Training Program   | Public Service                                      | Hogg Foundation for Mental Health                                | Private               | PI                | \$13,849                    | 100%                 | \$13,849                  |
| GS5148  | DARS/DRS Internship Contract  | Instruction   | Texas Department of Assistive and Rehabilitative Services (DARS) | State                 | PI                | \$7,250                     | 100%                 | \$7,250                   |
|   | Totals for  | <b>Holloway,Linda L</b>                             |  |                       |                   |                             |                      | <b>\$28,815</b>           |
|   | Totals for  | <b>Rehabilitation, Social Work &amp; Addictions</b> |  |                       |                   |                             |                      | <b>\$347,347</b>          |
| <b>Speech &amp; Hearing Sciences</b>  |   |   |  |                       |                   |                             |                      |                           |
| <b>Amlani,Amy M</b>   |   |   |  |                       |                   |                             |                      |                           |
| GP6358  | Dementia and Hearing Aids   | Research  | Unitron  | Private               | PI                | \$13,242                    | 100%                 | \$13,242                  |
| GP6417  | Using Smartphone Applications to Change Attitudes about Amplification and Hearing Loss                                    | Research  | Unitron  | Private               | PI                | \$2,718                     | 100%                 | \$2,718                   |
| GP6454  | Perceptual Segmentation Study   | Research  | Unitron  | Private               | PI                | \$9,566                     | 100%                 | \$9,566                   |
|   | Totals for  | <b>Amlani,Amy M</b>                                 |  |                       |                   |                             |                      | <b>\$25,526</b>           |
| <b>Aoyama,Katsura</b>   |   |   |  |                       |                   |                             |                      |                           |
| <i>Aoyama, K., Co-PI; Schafer, E., PI; Speech &amp; Hearing Sciences</i>                |   |   |  |                       |                   |                             |                      |                           |
| GP6418  | Effects of Nonlinear Frequency Compression on Performance of Individuals Who Speak Mandarin Chinese and have Hearing Loss | Research  | American Speech-Language-Hearing Foundation                      | Private               | Co-PI             | \$8,281                     | 20%                  | \$1,656                   |
|   | Totals for  | <b>Aoyama,Katsura</b>                               |  |                       |                   |                             |                      | <b>\$1,656</b>            |

| Project ID  | Title  | Category   | Sponsor                                     | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|--|---|----------------|------------|----------------------|---------------|--------------------|
| <b>Schafer,Erin Cheri</b>   |  |  |   |                |            |                      |               |                    |
| GF4251  | Vanderbilt Traineeship for AuD Student_Arun Joshi  | Research   | Vanderbilt University                       | Federal        | PI         | \$3,551              | 100%          | \$3,551            |
| GP6363  | Development of a Word-Recognition Test for Young Children  | Research   | Phonak, LLC                                 | Private        | PI         | \$3,377              | 100%          | \$3,377            |
| GP6378  | Behavioral and Subjective Performance with Remote-Microphone Technology in School-Aged Children with Autism Spectrum Disorders                     | Research   | Phonak, LLC                                 | Private        | PI         | \$3,366              | 100%          | \$3,366            |
| <i>Schafer, E., PI; Aoyama, K., Co-PI; Speech &amp; Hearing Sciences</i>          |  |  |   |                |            |                      |               |                    |
| GP6418  | Effects of Nonlinear Frequency Compression on Performance of Individuals Who Speak Mandarin Chinese and have Hearing Loss                          | Research   | American Speech-Language-Hearing Foundation | Private        | PI         | \$8,281              | 80%           | \$6,625            |
| Totals for  |  | <b>Schafer,Erin Cheri</b>                                |   |                |            |                      |               | <b>\$16,919</b>    |
| Totals for  |  | <b>Speech &amp; Hearing Sciences</b>                     |   |                |            |                      |               | <b>\$44,101</b>    |
| <b>Survey Research Center</b>   |  |  |   |                |            |                      |               |                    |
| <b>Dash,Nicole</b>  |  |  |   |                |            |                      |               |                    |
| GP7623  | 2013 Bedford Citizen Survey  | Public Service   | City of Bedford - City Manager's Office     | Private        | PI         | \$0                  | 100%          | \$0                |
| Totals for  |  | <b>Dash,Nicole</b>                                       |   |                |            |                      |               | <b>\$0</b>         |
| Totals for  |  | <b>Survey Research Center</b>                            |   |                |            |                      |               | <b>\$0</b>         |
| Totals for  |  | <b>College of Public Affairs &amp; Community Service</b> |   |                |            |                      |               | <b>\$1,151,084</b> |
| <b>College of Visual Arts And Design</b>  |  |  |   |                |            |                      |               |                    |
| <b>CoVAD-Division Of Studio</b>   |  |  |   |                |            |                      |               |                    |
| <b>West,Ruth</b>  |  |  |   |                |            |                      |               |                    |
| <i>West, R., PI; CoVAD-Division Of Studio; Library &amp; Information Sciences</i> |  |  |   |                |            |                      |               |                    |
| GF1658  | CGV: Medium: Collaborative Research: Developing Conceptual Models for Navigation, Marking, and Inspection in the Context of 3D Image Segmentation" | Research   | National Science Foundation                 | Federal        | PI         | \$63,592             | 40%           | \$25,437           |
| <i>West, R., PI; CoVAD-Division Of Studio; Library &amp; Information Sciences</i> |  |  |   |                |            |                      |               |                    |
| GF1668  | NSF RI Large Collaborative Research: ImageQuest: Citizens Advancing Biology with Calibrated Imaging and Validated Analysis                         | Research   | National Science Foundation                 | Federal        | PI         | \$2,668              | 40%           | \$1,067            |
| Totals for  |  | <b>West,Ruth</b>   |   |                |            |                      |               | <b>\$26,504</b>    |
| Totals for  |  | <b>CoVAD-Division Of Studio</b>                          |   |                |            |                      |               | <b>\$26,504</b>    |
| Totals for  |  | <b>College of Visual Arts And Design</b>                 |   |                |            |                      |               | <b>\$26,504</b>    |
| <b>School of Journalism</b>   |  |  |   |                |            |                      |               |                    |
| <b>Journalism</b>   |  |  |   |                |            |                      |               |                    |
| <b>Bland,Dorothy Mae</b>  |  |  |   |                |            |                      |               |                    |

| Project ID   | Title  | Category       | Sponsor  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------------|--|----------------|------------|----------------------|---------------|--------------------|
| GP6371   | Denton Live Magazine Production et al  | Public Service | Denton Chamber of Commerce                                     | Private        | PI         | \$16,964             | 100%          | \$16,964           |
| GP6440   | Denton Live Magazine Productions et al   | Public Service | Denton Convention and Visitors Bureau                          | Private        | PI         | \$7,053              | 100%          | \$7,053            |
|  |  | Totals for     | <b>Bland,Dorothy Mae</b>                                       |                |            |                      |               | <b>\$24,017</b>    |
| <b>Broyles,Sheri J</b>   |  |                |  |                |            |                      |               |                    |
| GP6322   | AEJMC 2013 Senior Scholar Research Grant-Nation Building Through Advertising-A Look Inside Communist China | Research       | Association for Education in Journalism and Mass Communication | Private        | PI         | \$300                | 100%          | \$300              |
|  |  | Totals for     | <b>Broyles,Sheri J</b>   |                |            |                      |               | <b>\$300</b>       |
|  |  | Totals for     | <b>Journalism</b>  |                |            |                      |               | <b>\$24,317</b>    |
|  |  | Totals for     | <b>School of Journalism</b>                                    |                |            |                      |               | <b>\$24,317</b>    |
| <b>Chancellor</b>  |  |                |  |                |            |                      |               |                    |
| <i>Chancellor</i>  |  |                |  |                |            |                      |               |                    |
| <b>Jackson, Lee F.</b>   |  |                |  |                |            |                      |               |                    |
| G70167   | Executive Director CPUPC Position  | Public Service | Texas Council of Public University Presidents and Chancellors  | Private        | PI         | \$133,575            | 100%          | \$133,575          |
|  |  | Totals for     | <b>Jackson, Lee F.</b>   |                |            |                      |               | <b>\$133,575</b>   |
|  |  | Totals for     | <b>Chancellor</b>  |                |            |                      |               | <b>\$133,575</b>   |
|  |  | Totals for     | <b>Chancellor</b>  |                |            |                      |               | <b>\$133,575</b>   |
| <b>Enrollment Management</b>   |  |                |  |                |            |                      |               |                    |
| <i>AVP Enrollment Management</i>   |  |                |  |                |            |                      |               |                    |
| <b>Collins, Sarah Ruth</b>   |  |                |  |                |            |                      |               |                    |
| <i>Collins, S., PI; AVP Enrollment Management; Hagen, C., Co-PI; Child Development Lab</i> |  |                |  |                |            |                      |               |                    |
| GF0602   | Child Care Access Means Parents In School (CCAMPIS) 2009   | Public Service | U.S. Department of Education                                   | Federal        | PI         | -\$25,565            | 80%           | (\$20,452)         |
|  |  | Totals for     | <b>Collins, Sarah Ruth</b>                                     |                |            |                      |               | <b>(\$20,452)</b>  |
| <b>Dean, Karen Rawlings</b>  |  |                |  |                |            |                      |               |                    |
| GF0607   | HEB Talent Search  | Public Service | U.S. Department of Education                                   | Federal        | PI         | \$223,184            | 100%          | \$223,184          |
|  |  | Totals for     | <b>Dean, Karen Rawlings</b>                                    |                |            |                      |               | <b>\$223,184</b>   |
| <b>Maloney, Beverly Ann</b>  |  |                |  |                |            |                      |               |                    |
| GF0608   | UNT Talent Search  | Public Service | U.S. Department of Education                                   | Federal        | PI         | \$428,245            | 100%          | \$428,245          |
|  |  | Totals for     | <b>Maloney, Beverly Ann</b>                                    |                |            |                      |               | <b>\$428,245</b>   |
|  |  | Totals for     | <b>AVP Enrollment Management</b>                               |                |            |                      |               | <b>\$630,977</b>   |

| Project ID   | Title   | Category                                    | Sponsor                                   | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|---|---|---|----------------|------------|----------------------|---------------|--------------------|
| <b><i>Outreach &amp; Community Involvement</i></b>   |   |   |   |                |            |                      |               |                    |
| <b>Peguero,Margaret</b><br><i>Peguero, M., Co-PI; Vasquez, P., PI; Outreach &amp; Community Involvement</i>  |   |   |   |                |            |                      |               |                    |
| GS5180   | Work-Study Student Mentorship Programs                          | Public Service                              | Texas Higher Education Coordinating Board | State          | Co-PI      | \$174,183            | 40%           | \$69,673           |
| Totals for   |   | <b>Peguero,Margaret</b>                     |   |                |            |                      |               | <b>\$69,673</b>    |
| <b>Vasquez,Patrick J</b><br><i>Vasquez, P., PI; Peguero, M., Co-PI; Outreach &amp; Community Involvement</i> |   |   |   |                |            |                      |               |                    |
| GS5180   | Work-Study Student Mentorship Programs                          | Public Service                              | Texas Higher Education Coordinating Board | State          | PI         | \$174,183            | 60%           | \$104,510          |
| Totals for   |   | <b>Vasquez,Patrick J</b>                    |   |                |            |                      |               | <b>\$104,510</b>   |
| Totals for   |   | <b>Outreach &amp; Community Involvement</b> |   |                |            |                      |               | <b>\$174,183</b>   |
| <b><i>TRIO Center for Student Development</i></b>  |   |   |   |                |            |                      |               |                    |
| <b>Fanuiel,Lethia Ann</b>  |   |   |   |                |            |                      |               |                    |
| GF0605   | University of North Texas Student Support Services              | Public Service                              | U.S. Department of Education              | Federal        | PI         | \$363,779            | 100%          | \$363,779          |
| Totals for   |   | <b>Fanuiel,Lethia Ann</b>                   |   |                |            |                      |               | <b>\$363,779</b>   |
| <b>Nelson,Tori Lynn</b>  |   |   |   |                |            |                      |               |                    |
| GF0611   | University of North Texas Upward Bound                          | Instruction                                 | U.S. Department of Education              | Federal        | PI         | \$396,687            | 100%          | \$396,687          |
| Totals for   |   | <b>Nelson,Tori Lynn</b>                     |   |                |            |                      |               | <b>\$396,687</b>   |
| <b>Strong,Anne</b>   |   |   |   |                |            |                      |               |                    |
| GF0611   | University of North Texas Upward Bound                          | Instruction                                 | U.S. Department of Education              | Federal        | PI         | \$19,304             | 100%          | \$19,304           |
| GF0615   | University of North Texas Upward Bound Math and Science Program | Instruction                                 | U.S. Department of Education              | Federal        | PI         | \$291,263            | 100%          | \$291,263          |
| Totals for   |   | <b>Strong,Anne</b>                          |   |                |            |                      |               | <b>\$310,567</b>   |
| Totals for   |   | <b>TRIO Center for Student Development</b>  |   |                |            |                      |               | <b>\$1,071,033</b> |
| Totals for   |   | <b>Enrollment Management</b>                |   |                |            |                      |               | <b>\$1,876,193</b> |
| <b>Honors College</b><br><b><i>Honors College</i></b>  |   |   |   |                |            |                      |               |                    |
| <b>De oliveira,Glenisson Falcao</b>  |   |   |   |                |            |                      |               |                    |
| GF0613   | University of North Texas McNair Program                        | Instruction                                 | U.S. Department of Education              | Federal        | PI         | \$41,543             | 100%          | \$41,543           |
| Totals for   |   | <b>De oliveira,Glenisson Falcao</b>         |   |                |            |                      |               | <b>\$41,543</b>    |
| <b>Elrod,Diana Maria</b>   |   |   |   |                |            |                      |               |                    |

| Project ID | Title                                    | Category                 | Sponsor                      | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|------------|--|--------------------------|------------------------------|----------------|------------|----------------------|---------------|--------------------|
| GF0613     | University of North Texas McNair Program | Instruction              | U.S. Department of Education | Federal        | PI         | \$137,992            | 100%          | \$137,992          |
|            | Totals for                               | <b>Elrod,Diana Maria</b> |                              |                |            |                      |               | <b>\$137,992</b>   |
|            | Totals for                               | <b>Honors College</b>    |                              |                |            |                      |               | <b>\$179,535</b>   |
|            | Totals for                               | <b>Honors College</b>    |                              |                |            |                      |               | <b>\$179,535</b>   |

## International Studies & Programs

### International Studies & Prog

#### Nader,Richard H

*Nader, R., PI; International Studies & Prog; Ishiyama, J., Co-PI; Gibson, M., Co-PI; Political Science*

|        |   |   |                            |         |    |          |     |                |
|--------|---|---|----------------------------|---------|----|----------|-----|----------------|
| GF4258 | Making an Impact in Policy Analysis in Georgia: Improving Research, Education, and Engagement | Instruction                             | Free University of Tbilisi | Federal | PI | \$14,981 | 10% | \$1,498        |
|        | Totals for  | <b>Nader,Richard H</b>                  |                            |         |    |          |     | <b>\$1,498</b> |
|        | Totals for  | <b>International Studies &amp; Prog</b> |                            |         |    |          |     | <b>\$1,498</b> |

### UNT International-Comm Outreac

#### Carranza,Gabriel

*Carranza, G., Co-PI; UNT International-Comm Outreach; Acevedo, M., PI; Electrical Engineering*

|        |   |   |                                      |         |       |          |     |                |
|--------|---|---|--------------------------------------|---------|-------|----------|-----|----------------|
| GF4254 | Global Research and Education Initiative on Sustainable Desalination Technology | Research                                    | Institute of International Education | Federal | Co-PI | \$15,875 | 50% | \$7,937        |
|        | Totals for  | <b>Carranza,Gabriel</b>                     |                                      |         |       |          |     | <b>\$7,937</b> |
|        | Totals for  | <b>UNT International-Comm Outreac</b>       |                                      |         |       |          |     | <b>\$7,937</b> |
|        | Totals for  | <b>International Studies &amp; Programs</b> |                                      |         |       |          |     | <b>\$9,435</b> |

## Planning & Institutional Research

### AVP Planning & Inst Research

#### Simon,Jason Foster

*Simon, J., Co-PI; AVP Planning & Inst Research; Chen, P., PI; Counseling & Higher Education*

|        |  |  |  |         |       |       |     |              |
|--------|--|--|--|---------|-------|-------|-----|--------------|
| GP6478 | What Does Direct Evidence Via Card Swipe Tell Us About Student Engagement and Retention?: A Study of the Engagement Research Index Project | Research                                     | NASPA-Student Affairs Administrators in Higher Education | Private | Co-PI | \$503 | 50% | \$252        |
|        | Totals for   | <b>Simon,Jason Foster</b>                    |  |         |       |       |     | <b>\$252</b> |
|        | Totals for   | <b>AVP Planning &amp; Inst Research</b>      |  |         |       |       |     | <b>\$252</b> |
|        | Totals for   | <b>Planning &amp; Institutional Research</b> |  |         |       |       |     | <b>\$252</b> |

## President UNT

### President-UNT

#### Keller,Marian Jean

|        |   |                |   |       |    |          |      |          |
|--------|---|----------------|---|-------|----|----------|------|----------|
| GA4401 | North Texas Regional P-16 Council GenTX and Outreach to Parents | Public Service | Texas Higher Education Coordinating Board | State | PI | \$25,699 | 100% | \$25,699 |
|--------|---|----------------|---|-------|----|----------|------|----------|

| Project ID   | Title  | Category    | Sponsor                                  | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|--|--|-------------|--|----------------|------------|----------------------|---------------|--------------------|
|  |  | Totals for  | <b>Keller,Marian Jean</b>                |                |            |                      |               | <b>\$25,699</b>    |
|  |  | Totals for  | <b>President-UNT</b>                     |                |            |                      |               | <b>\$25,699</b>    |
|  |  | Totals for  | <b>President UNT</b>                     |                |            |                      |               | <b>\$25,699</b>    |
| <b>Provost &amp; VP Academic Affairs</b>   |  |             |  |                |            |                      |               |                    |
| <i>Provost</i>   |  |             |  |                |            |                      |               |                    |
| <b>Clark,Vernon A</b>  |  |             |  |                |            |                      |               |                    |
| GF0613   | University of North Texas McNair Program   | Instruction | U.S. Department of Education             | Federal        | PI         | \$71,018             | 100%          | \$71,018           |
|  |  | Totals for  | <b>Clark,Vernon A</b>                    |                |            |                      |               | <b>\$71,018</b>    |
|  |  | Totals for  | <b>Provost</b>                           |                |            |                      |               | <b>\$71,018</b>    |
| <i>Toulouse Graduate School</i>  |  |             |  |                |            |                      |               |                    |
| <b>Oppong,Joseph R</b>   |  |             |  |                |            |                      |               |                    |
| GF1595   | Graduate Research Fellowship Award for Rebecca Weber   | Research    | National Science Foundation              | Federal        | PI         | \$1,534              | 100%          | \$1,534            |
| GF1632   | Graduate Research Fellowship Award for Jody Huddleston   | Research    | National Science Foundation              | Federal        | PI         | \$45,848             | 100%          | \$45,848           |
| GF1633   | Graduate Research Fellowship Award for Jessica Rimsza  | Research    | National Science Foundation              | Federal        | PI         | \$44,029             | 100%          | \$44,029           |
| GF1723   | NSF Graduate Research Fellowship-Natalie Parde   | Research    | National Science Foundation              | Federal        | PI         | \$8,500              | 100%          | \$8,500            |
| GF1725   | NSF Graduate Research Fellowship-Kate Lester   | Research    | National Science Foundation              | Federal        | PI         | \$10,746             | 100%          | \$10,746           |
|  |  | Totals for  | <b>Oppong,Joseph R</b>                   |                |            |                      |               | <b>\$110,658</b>   |
|  |  | Totals for  | <b>Toulouse Graduate School</b>          |                |            |                      |               | <b>\$110,658</b>   |
|  |  | Totals for  | <b>Provost &amp; VP Academic Affairs</b> |                |            |                      |               | <b>\$181,676</b>   |
| <b>University Libraries</b>  |  |             |  |                |            |                      |               |                    |
| <i>Dean, Libraries</i>   |  |             |  |                |            |                      |               |                    |
| <b>Avery,Elizabeth A</b>   |  |             |  |                |            |                      |               |                    |
| <i>Avery, E., Co-PI; Dean, Libraries; Chandler, Y., PI; Library &amp; Information Sciences</i> |  |             |  |                |            |                      |               |                    |
| GF2624   | Library Education for the Islanders in the Pacific: A Project to Strengthen Libraries and Library Education in the US-Affiliated Pacific Islands | Instruction | Institute of Museum and Library Services | Federal        | Co-PI      | \$6,300              | 50%           | \$3,150            |
|  |  | Totals for  | <b>Avery,Elizabeth A</b>                 |                |            |                      |               | <b>\$3,150</b>     |
| <b>Batman,Cynthia Ann</b>  |  |             |  |                |            |                      |               |                    |

| <b>Project ID</b>  | <b>Title</b>  | <b>Category</b> | <b>Sponsor</b>                               | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |                  |
|--|---|-----------------|--|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|------------------|
| <i>Batman, C., Co-PI; Ramin, L., PI; Byerly, G., Co-PI; Dean, Libraries</i>                                  |   |                 |  |                       |                   |                             |                      |                           |                  |
| GF4198   | Denton Inquiry for Lifelong Learning (DI4LL)  | Public Service  | Texas State Library and Archives Commission  | Federal               | Co-PI             | \$2,438                     | 25%                  | \$610                     |                  |
|  |   | Totals for      | <b>Batman,Cynthia Ann</b>                    |                       |                   |                             |                      |                           | <b>\$610</b>     |
| <b>Byerly,Gayla Ann</b>  |   |                 |  |                       |                   |                             |                      |                           |                  |
| <i>Byerly, G., Co-PI; Ramin, L., PI; Batman, C., Co-PI; Dean, Libraries</i>                                  |   |                 |  |                       |                   |                             |                      |                           |                  |
| GF4198   | Denton Inquiry for Lifelong Learning (DI4LL)  | Public Service  | Texas State Library and Archives Commission  | Federal               | Co-PI             | \$2,438                     | 25%                  | \$610                     |                  |
|  |   | Totals for      | <b>Byerly,Gayla Ann</b>                      |                       |                   |                             |                      |                           | <b>\$610</b>     |
| <b>Gieringer,Morgan Davis</b>  |   |                 |  |                       |                   |                             |                      |                           |                  |
| GP6375   | Post-War Industry and Development of the Southwest Metroplex  | Public Service  | Council on Library and Information Resources | Private               | PI                | \$81,403                    | 100%                 | \$81,403                  |                  |
|  |   | Totals for      | <b>Gieringer,Morgan Davis</b>                |                       |                   |                             |                      |                           | <b>\$81,403</b>  |
| <b>Halbert,Martin Douglas</b>  |   |                 |  |                       |                   |                             |                      |                           |                  |
| <i>Halbert, M., Co-PI; Dean, Libraries; Moen, W., PI; Kim, J., Co-PI; Library &amp; Information Sciences</i> |   |                 |  |                       |                   |                             |                      |                           |                  |
| GF2640   | Digital Information Management and Curation for 21st Century Science and Scholarship: Preparing Information Professionals and Disciplinary Researchers Using a Teaching Library Model | Instruction     | Institute of Museum and Library Services     | Federal               | Co-PI             | \$38,666                    | 20%                  | \$7,733                   |                  |
| GF2646   | Lifecycle Management for Electronic Theses and Dissertations  | Public Service  | Institute of Museum and Library Services     | Federal               | PI                | \$54,047                    | 100%                 | \$54,047                  |                  |
| <i>Halbert, M., Co-PI; Dean, Libraries; Chandler, Y., PI; Library &amp; Information Sciences</i>             |   |                 |  |                       |                   |                             |                      |                           |                  |
| GF2664   | ELMS - Educating Librarians in the Middle South - Diversifying Librarianship for our Digital Future   | Instruction     | Institute of Museum and Library Services     | Federal               | Co-PI             | \$170,233                   | 40%                  | \$68,093                  |                  |
| <i>Halbert, M., Co-PI; Dean, Libraries; Chandler, Y., PI; Library &amp; Information Sciences</i>             |   |                 |  |                       |                   |                             |                      |                           |                  |
| GF2694   | Library Education for the US-Affiliated Pacific: A Project to Strengthen the Digital Future of the Pacific (LEAP II)  | Instruction     | Institute of Museum and Library Services     | Federal               | Co-PI             | \$10,904                    | 25%                  | \$2,726                   |                  |
| GP6367   | Chrysalis: Opportunities for New Types of Research Alliances  | Research        | Andrew W. Mellon Foundation                  | Private               | PI                | \$37,719                    | 100%                 | \$37,719                  |                  |
|  |   | Totals for      | <b>Halbert,Martin Douglas</b>                |                       |                   |                             |                      |                           | <b>\$170,318</b> |
| <b>Hartman,Cathy Nelson</b>  |   |                 |  |                       |                   |                             |                      |                           |                  |
| <i>Hartman, C., PI; Phillips, M., Co-PI; Dean, Libraries</i>   |   |                 |  |                       |                   |                             |                      |                           |                  |
| GF4071   | New Mexico Digital Newspaper Project  | Public Service  | University of New Mexico                     | Federal               | PI                | \$60,831                    | 50%                  | \$30,416                  |                  |
| GF4116   | Oklahoma NDNP Grant   | Public Service  | Oklahoma Historical Society                  | Federal               | PI                | \$118,669                   | 100%                 | \$118,669                 |                  |
| <i>Hartman, C., PI; Tarver, H., Co-PI; Dean, Libraries</i>   |   |                 |  |                       |                   |                             |                      |                           |                  |
| GF4199   | Texas Recorded Historic Landmarks   | Public Service  | Texas State Library and Archives Commission  | Federal               | PI                | -\$30                       | 50%                  | (\$15)                    |                  |



| Project ID  | Title  | Category                      | Sponsor                                     | Funding Source | PI / Co-PI | Expended This Period | Recognition % | Recognition Amount |
|---|--|-------------------------------|---|----------------|------------|----------------------|---------------|--------------------|
| <i>Hartman, C., Co-PI; Phillips, M., PI; University Libraries</i>           |  |                               |   |                |            |                      |               |                    |
| GF4210  | DPLA - Texas                                 | Public Service                | Digital Public Library of America           | Federal        | Co-PI      | \$75,314             | 20%           | \$15,063           |
| Totals for  |  | <b>Hartman,Cathy Nelson</b>   |   |                |            |                      |               | <b>\$164,133</b>   |
| <b>Phillips,Mark Edward</b>   |  |                               |   |                |            |                      |               |                    |
| <i>Phillips, M., Co-PI; Hartman, C., PI; Dean, Libraries</i>                |  |                               |   |                |            |                      |               |                    |
| GF4071  | New Mexico Digital Newspaper Project         | Public Service                | University of New Mexico                    | Federal        | Co-PI      | \$60,831             | 50%           | \$30,416           |
| <i>Phillips, M., PI; Hartman, C., Co-PI; University Libraries</i>           |  |                               |   |                |            |                      |               |                    |
| GF4210  | DPLA - Texas                                 | Public Service                | Digital Public Library of America           | Federal        | PI         | \$75,314             | 80%           | \$60,251           |
| GF4234  | Let It Be Heard: The Dallas Voice Online     | Public Service                | Texas State Library and Archives Commission | Federal        | PI         | \$5,143              | 100%          | \$5,143            |
| Totals for  |  | <b>Phillips,Mark Edward</b>   |   |                |            |                      |               | <b>\$95,810</b>    |
| <b>Ramin,Lilly Lida</b>   |  |                               |   |                |            |                      |               |                    |
| <i>Ramin, L., PI; Batman, C., Co-PI; Byerly, G., Co-PI; Dean, Libraries</i> |  |                               |   |                |            |                      |               |                    |
| GF4198  | Denton Inquiry for Lifelong Learning (DI4LL) | Public Service                | Texas State Library and Archives Commission | Federal        | PI         | \$2,438              | 50%           | \$1,219            |
| Totals for  |  | <b>Ramin,Lilly Lida</b>       |   |                |            |                      |               | <b>\$1,219</b>     |
| <b>Robson,Diane Sheryl</b>  |  |                               |   |                |            |                      |               |                    |
| <i>Robson, D., Co-PI; Stanton, K., PI; Dean, Libraries</i>                  |  |                               |   |                |            |                      |               |                    |
| GF4233  | Texas State Library and Archives Commission  | Instruction                   | Texas State Library and Archives Commission | Federal        | Co-PI      | \$634                | 80%           | \$508              |
| Totals for  |  | <b>Robson,Diane Sheryl</b>    |   |                |            |                      |               | <b>\$508</b>       |
| <b>Stanton,Kimberly M</b>   |  |                               |   |                |            |                      |               |                    |
| <i>Stanton, K., PI; Robson, D., Co-PI; Dean, Libraries</i>                  |  |                               |   |                |            |                      |               |                    |
| GF4233  | Texas State Library and Archives Commission  | Instruction                   | Texas State Library and Archives Commission | Federal        | PI         | \$634                | 20%           | \$127              |
| Totals for  |  | <b>Stanton,Kimberly M</b>     |   |                |            |                      |               | <b>\$127</b>       |
| <b>Tarver,Hannah Michelle</b>   |  |                               |   |                |            |                      |               |                    |
| <i>Tarver, H., Co-PI; Hartman, C., PI; Dean, Libraries</i>                  |  |                               |   |                |            |                      |               |                    |
| GF4199  | Texas Recorded Historic Landmarks            | Public Service                | Texas State Library and Archives Commission | Federal        | Co-PI      | -\$30                | 50%           | (\$15)             |
| Totals for  |  | <b>Tarver,Hannah Michelle</b> |   |                |            |                      |               | <b>(\$15)</b>      |
| Totals for  |  | <b>Dean, Libraries</b>        |   |                |            |                      |               | <b>\$517,871</b>   |
| Totals for  |  | <b>University Libraries</b>   |   |                |            |                      |               | <b>\$517,871</b>   |

**VP Student Development**

*VP Student Development*

**McGuire,Melissa Clair**

| <b>Project ID</b>   | <b>Title</b>  | <b>Category</b>               | <b>Sponsor</b>                | <b>Funding Source</b> | <b>PI / Co-PI</b> | <b>Expended This Period</b> | <b>Recognition %</b> | <b>Recognition Amount</b> |
|---|---|-------------------------------|-------------------------------|-----------------------|-------------------|-----------------------------|----------------------|---------------------------|
| <i>McGuire, M., Co-PI; With, E., PI; VP Student Development</i> |   |                               |                               |                       |                   |                             |                      |                           |
| GP6414  | Texas Education Consortium for Male Students of Color | Research                      | University of Texas at Austin | Private               | Co-PI             | \$386                       | 50%                  | \$193                     |
|   | Totals for  | <b>McGuire,Melissa Clair</b>  |                               |                       |                   |                             |                      | <b>\$193</b>              |
| <b>With,Elizabeth A</b>   |   |                               |                               |                       |                   |                             |                      |                           |
| <i>With, E., PI; McGuire, M., Co-PI; VP Student Development</i> |   |                               |                               |                       |                   |                             |                      |                           |
| GP6414  | Texas Education Consortium for Male Students of Color | Research                      | University of Texas at Austin | Private               | PI                | \$386                       | 50%                  | \$193                     |
|   | Totals for  | <b>With,Elizabeth A</b>       |                               |                       |                   |                             |                      | <b>\$193</b>              |
|   | Totals for  | <b>VP Student Development</b> |                               |                       |                   |                             |                      | <b>\$386</b>              |
|   | Totals for  | <b>VP Student Development</b> |                               |                       |                   |                             |                      | <b>\$386</b>              |
|   | Totals for  | <b>UNT</b>                    |                               |                       |                   |                             |                      | <b>\$31,067,506</b>       |