

Monthly Restricted Research Expenditures Report for July 2016

Office of Grants and Contracts, University of North Texas

| Expenditures Total by College | July 2015 | July 2016 | YTD FY2015 | YTD FY2016 |
|--|--------------------|--------------------|---------------------|---------------------|
| College of Arts and Sciences | \$1,193,508 | \$819,900 | \$7,298,784 | \$5,566,994 |
| College of Business | \$2,315 | \$34,642 | \$21,118 | \$208,919 |
| College of Education | \$59,063 | \$16,638 | \$410,212 | \$151,508 |
| College of Engineering | \$725,460 | \$511,908 | \$5,398,498 | \$3,730,638 |
| College of Information | \$114,559 | \$75,276 | \$625,409 | \$526,312 |
| College of Merchandising Hospitality and Tourism | \$0 | \$0 | \$0 | \$0 |
| College of Music | \$0 | \$0 | \$0 | \$0 |
| College of Public Affairs and Community Service | \$55,456 | \$17,221 | \$169,891 | \$104,405 |
| College of Visual Arts and Design | \$4,861 | \$1,729 | \$18,349 | \$13,653 |
| School of Journalism | \$0 | \$0 | \$300 | \$2,987 |
| Other | \$21,923 | \$31,789 | \$147,819 | \$114,213 |
| Dept IDs (Fund 303) | \$59,794 | \$16,499 | \$503,753 | \$333,107 |
| Grand Total: | \$2,236,940 | \$1,525,601 | \$14,594,134 | \$10,752,737 |

Expenditures Total by Category

| | | | | |
|---------------------|--------------------|--------------------|---------------------|---------------------|
| Research | \$2,236,940 | \$1,525,601 | \$14,594,134 | \$10,752,737 |
| Grand Total: | \$2,236,940 | \$1,525,601 | \$14,594,134 | \$10,752,737 |

Expenditures Total by Source of Funding

| | | | | |
|---------------------|--------------------|--------------------|---------------------|---------------------|
| Federal | \$1,557,186 | \$1,095,926 | \$10,369,909 | \$7,583,111 |
| Private | \$484,297 | \$365,726 | \$3,017,205 | \$2,472,577 |
| State | \$135,664 | \$47,449 | \$739,425 | \$363,942 |
| Other (Fund 303) | \$59,794 | \$16,499 | \$503,753 | \$333,107 |
| Grand Total: | \$2,236,940 | \$1,525,601 | \$14,630,291 | \$10,752,737 |

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

Restricted Research Expenditures, July FY2016

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI / Co- | Expended This Period | Recognition % | Recognition Amount |
|--|---|--|-------|---------|----------------|----------|----------------------|---------------|--------------------|
| UNT | | | | | | | | | |
| All Colleges Fund 303 spending | | | | | | | | | |
| <i>All Departments Fund 303 spending</i> | | | | | | | | | |
| Fund 303 | | | | | | | | | |
| | Restricted Research spending by Departments | Research | 2% | N/A | | | \$16,499 | 100% | \$16,499 |
| | Totals for | Fund 303 | | | | | | | \$16,499 |
| | Totals for | All Departments Fund 303 spending | | | | | | | \$16,499 |
| | Totals for | All Colleges Fund 303 spending | | | | | | | \$16,499 |

College of Arts & Sciences

Biological Sciences

Atkinson, Samuel F

Atkinson, S., Co-PI; Biological Sciences; Nagaoka, L., PI; Pan, F., Co-PI; Wolverton, S., Co-PI; Geography

| | | | | | | | | | |
|---------|---|---------------------------|-----|------------------------------------|---------|-------|---------|------|----------------|
| GF1711 | Collaborative Research: Modeling Crop Failure Potential in Late Research Pueblo III Mesa Verde Villages | Research | 200 | National Science Foundation | Federal | Co-PI | \$6,399 | 10% | \$640 |
| GF4282 | Lemoore Lake Aquatic and Upland Vegetation Establishment: Camp Maxey | Research | 200 | Texas Adjutant Generals Department | Federal | PI | \$1,404 | 100% | \$1,404 |
| GF70000 | IPA agreement / Aaron Schad | Research | 200 | U.S. Army Corps of Engineers | Federal | PI | \$5,285 | 100% | \$5,285 |
| G70933 | Aquatic Macrophyte Restoration Project, Lake Austin and Town Lake, Texas | Research | 200 | City of Austin | Private | PI | \$2,236 | 100% | \$2,236 |
| | Totals for | Atkinson, Samuel F | | | | | | | \$9,565 |

Ayre, Brian G

| | | | | | | | | | |
|--------|---|----------|-----|--|---------|----|---------|------|---------|
| GP6273 | Regulation of Growth Habit in Complex Sympodial Plants: Applying the Tomato Model to Cotton | Research | 200 | US Israel Binational Agricultural Research & Development- BARD | Private | PI | \$647 | 100% | \$647 |
| GP6458 | Development of Virus-Induced Flowering to Benefit Breeding Between Domesticated and Photoperiodic Sorghum | Research | 200 | United Sorghum Checkoff | Private | PI | \$9,061 | 100% | \$9,061 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|---|---|------------|--------------------------|--|----------------|--------|----------------------|---------------|--------------------|
| GP6457 | Virus Induced Flowering in Photoperiod-Sensitive Cotton: Advanced Genetic Tools for Testing Hypotheses and Manipulating Cotton Traits | Research | 200 | Cotton Incorporated | Private | PI | \$15 | 100% | \$15 |
| GF1748 | Unraveling the Link Between Carbohydrate Transport and Phosphate Use: Can We Improve Carbon Partitioning and Reduce Nutrient Use? | Research | 200 | National Science Foundation | Federal | PI | \$11,647 | 100% | \$11,647 |
| GP6511 | Redesigning the Cotton Plant's Architecture to Improve Yield and Quality | Research | 200 | Cotton Incorporated | Private | PI | \$2,146 | 100% | \$2,146 |
| | | Totals for | Ayre,Brian G | | | | | | \$23,517 |
| Azad,Rajeev Kumar | | | | | | | | | |
| <i>Azad, R., Co-PI; Dixon, R., PI; Chen, F., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Mater</i> | | | | | | | | | |
| GF1734 | Biosynthesis, Regulation and Engineering of C-Lignin | Research | 200 | National Science Foundation | Federal | Co-PI | \$10,398 | 6% | \$624 |
| <i>Azad, R., Co-PI; Mittler, R., PI; Shulaev, V., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics</i> | | | | | | | | | |
| GF1681 | Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress | Research | 200 | National Science Foundation | Federal | Co-PI | \$12,310 | 17.4% | \$2,142 |
| | | Totals for | Azad,Rajeev Kumar | | | | | | \$2,766 |
| Burggren,Warren W | | | | | | | | | |
| <i>Burggren, W., PI; Padilla, P., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GF1736 | Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation | Research | 200 | National Science Foundation | Federal | PI | \$3,205 | 60% | \$1,923 |
| <i>Burggren, W., Co-PI; Crossley II, D., PI; Roberts, A., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GP6450 | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER) | Research | 200 | University of Miami - School of Medicine | Private | Co-PI | \$51,860 | 33% | \$17,114 |
| <i>Burggren, W., Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GP6453 | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER) | Research | 200 | University of Miami - School of Medicine | Private | Co-PI | \$42,800 | 33% | \$14,124 |
| GP6455 | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER) | Research | 200 | University of Miami - School of Medicine | Private | PI | \$37,603 | 100% | \$37,603 |
| GP6498 | Developmental Implications of Vertebrate Blastocyst Disassembly and Reassembly | Research | 200 | Dallas IVF | Private | PI | \$760 | 100% | \$760 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|---|--|------------|-------|--|----------------|--------|----------------------|---------------|--------------------|
| GF1551 | Developmental Co-dependence and Embryonic Programming of Cardiac and Renal Systems Function in Vertebrates - II | Research | 200 | National Science Foundation | Federal | PI | \$3,566 | 100% | \$3,566 |
| | | Totals for | | Burggren,Warren W | | | | | \$75,090 |
| Chapman,Kent D | | | | | | | | | |
| G72501 | Amidase-mediated Modulation of N-Acylethanolamine (NAE) Signaling Pathway in Plants | Research | 200 | U.S. Department of Energy | Federal | PI | \$4,246 | 100% | \$4,246 |
| GF10500 | Characterizing Neutral Lipid Compartmentation and its Relationship to Oil Accumulation and Plant Stress Response | Research | 200 | U.S. Department of Agriculture | Federal | PI | \$4,362 | 100% | \$4,362 |
| GF2699 | Regulation of Neutral Lipid Metabolism in Plants | Research | 200 | U.S. Department of Agriculture | Federal | PI | \$693 | 100% | \$693 |
| <i>Chapman, K., PI; Thompson, R., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GF2600 | Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants | Research | 200 | U.S. Department of Energy | Federal | PI | \$1,185 | 75% | \$889 |
| GP6507 | Engineering Seed Value in Cotton-Strategies to Modify Seed Protein Reserves in Cotton | Research | 200 | Cotton Incorporated | Private | PI | \$4,069 | 100% | \$4,069 |
| | | Totals for | | Chapman,Kent D | | | | | \$14,258 |
| Chen,Fang | | | | | | | | | |
| <i>Chen, F., Co-PI; Dixon, R., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Mater</i> | | | | | | | | | |
| GF1734 | Biosynthesis, Regulation and Engineering of C-Lignin | Research | 200 | National Science Foundation | Federal | Co-PI | \$10,398 | 25% | \$2,600 |
| <i>Chen, F., Co-PI; Dixon, R., PI; Biological Sciences</i> | | | | | | | | | |
| GF4183 | Bioenergy Sciences Center | Research | 200 | UT-Battelle, LLC | Federal | Co-PI | \$38,907 | 50% | \$19,454 |
| | | Totals for | | Chen,Fang | | | | | \$22,053 |
| Crossley II,Dane Alan | | | | | | | | | |
| <i>Crossley II, D., Co-PI; Roberts, A., PI; Burggren, W., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GP6453 | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER) | Research | 200 | University of Miami - School of Medicine | Private | Co-PI | \$42,800 | 33% | \$14,124 |
| <i>Crossley II, D., Co-PI; Reyna, K., PI; Johnson, J., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GS80000 | Environmental Neonicotinoid Effects on Northern Bobwhites: Integrating Functional Measurements Throughout Their Life History with Genomic Quantification | Research | 200 | Texas A&M AgriLife Extension Service | State | Co-PI | \$6,727 | 33.33% | \$2,242 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount |
|---|---|------------|------------------------------|--|----------------|---------|----------------------|---------------|--------------------|
| <i>Crossley II, D., PI; Burggren, W., Co-PI; Roberts, A., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GP6450 | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER) | Research | 200 | University of Miami - School of Medicine | Private | PI | \$51,860 | 33% | \$17,114 |
| | | Totals for | Crossley II,Dane Alan | | | | | | \$33,480 |
| Dickstein,Rebecca | | | | | | | | | |
| GF4131 | GEPR: Genetic and Cellular Dissection of Mutualistic Plant-Cicrobe Symbioses in Medicago Truncatula | Research | 200 | Samuel Roberts Noble Foundation, Inc. | Federal | PI | \$10,474 | 100% | \$10,474 |
| GF1516 | Collaborative Research: Putative Nitrate Transporter Regulates Symbiotic Nodule Development | Research | 200 | National Science Foundation | Federal | PI | \$1,111 | 100% | \$1,111 |
| GF4174 | GEPR: Genetic and Cellular Dissection of Mutualistic Plant-Cicrobe Symbioses in Medicago Truncatula | Research | 200 | Samuel Roberts Noble Foundation, Inc. | Federal | PI | \$3,882 | 100% | \$3,882 |
| | | Totals for | Dickstein,Rebecca | | | | | | \$15,468 |
| Dixon,Richard Arthur | | | | | | | | | |
| GP6331 | Molecular Approaches to Improved Protein Utilization in Alfalfa Research | Research | 200 | Forage Genetics International | Private | PI | \$8,983 | 100% | \$8,983 |
| GF4293 | Botanicals Dietary Supplement Research Center- Dietary Polyphenols in the Preservation and Promotion of Cognitive Wellness and Psychological Resiliency | Research | 200 | Mount Sinai School of Medicine | Federal | PI | \$11,850 | 100% | \$11,850 |
| GP6433 | Condensed Tannin Expression in Row Crops | Research | 200 | Grasslanz Technology Limited (GTL) | Private | PI | \$4,768 | 100% | \$4,768 |
| GF4288 | Metabolomics: Advancing the Scientific Promise to Better Understand Plant Specialized Metabolism for a Low Carbon Society | Research | 200 | University of Missouri-Columbia | Federal | PI | \$5,557 | 100% | \$5,557 |
| <i>Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Mater</i> | | | | | | | | | |
| GF1734 | Biosynthesis, Regulation and Engineering of C-Lignin | Research | 200 | National Science Foundation | Federal | PI | \$10,398 | 45% | \$4,679 |
| <i>Dixon, R., PI; Chen, F., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GF4183 | Bioenergy Sciences Center | Research | 200 | UT-Battelle, LLC | Federal | PI | \$38,907 | 50% | \$19,454 |
| | | Totals for | Dixon,Richard Arthur | | | | | | \$55,292 |
| Dzialowski,Edward Michael | | | | | | | | | |
| GF1622 | Ontogeny of Endothermy's Cellular Furnace | Research | 200 | National Science Foundation | Federal | PI | \$5,904 | 100% | \$5,904 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount | |
|---|--|------------|----------------------------------|--------------------------------------|----------------|--------|----------------------|---------------|--------------------|-----------------|
| | | Totals for | Dzialowski,Edward Michael | | | | | | | \$5,904 |
| Hoeinghaus,David Joseph | | | | | | | | | | |
| GF4253 | Quantification of Alligator Gar Recruitment Dynamics Using a River Stage Specific Floodplain Inundation Model | Research | 200 | Wildlife Management Institute, Inc. | Federal | PI | \$10,399 | 100% | \$10,399 | |
| | | Totals for | Hoeinghaus,David Joseph | | | | | | | \$10,399 |
| Hunt Von Herbing,Ione V | | | | | | | | | | |
| GP6508 | Toward Ocean Health and Sustainable Aquaculture: Microbes to Improve Growth and Survival in Marine Finfish Aquaculture | Research | 200 | New Venture Fund | Private | PI | \$9,272 | 100% | \$9,272 | |
| | | Totals for | Hunt Von Herbing,Ione V | | | | | | | \$9,272 |
| Johnson,Jeff A. | | | | | | | | | | |
| GP6343 | Phylogeography of Galapagos Short-Eared Owl (Asio Flammeus Galapagonensis) based on mtDNA Control Region Sequence Data | Research | 200 | Island Conservation | Private | PI | \$8,010 | 100% | \$8,010 | |
| <i>Johnson, J., Co-PI; Reyna, K., PI; Crossley II, D., Co-PI; Biological Sciences</i> | | | | | | | | | | |
| GS80000 | Environmental Neonicotinoid Effects on Northern Bobwhites: Integrating Functional Measurements Throughout Their Life History with Genomic Quantification | Research | 200 | Texas A&M AgriLife Extension Service | State | Co-PI | \$6,727 | 33.33% | \$2,242 | |
| | | Totals for | Johnson,Jeff A. | | | | | | | \$10,252 |
| Longo,Antonella | | | | | | | | | | |
| <i>Longo, A., Co-PI; Wang, X., PI; Biological Sciences</i> | | | | | | | | | | |
| GF2695 | UGT Engineering for Detoxifying Anticancer Drug SN-38 | Research | 200 | National Institutes of Health | Federal | Co-PI | \$12,023 | 20% | \$2,405 | |
| | | Totals for | Longo,Antonella | | | | | | | \$2,405 |
| Mcfarlin,Brian Keith | | | | | | | | | | |
| <i>Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B., PI; Kinesiology, Health Promotion, and Recreation</i> | | | | | | | | | | |
| GP6501 | Testing Efficacy of UA Recovery Shorts Following EIMD | Research | 200 | Under Armour, Inc. | Private | PI | \$2,869 | 10% | \$287 | |
| <i>Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B., PI; Kinesiology, Health Promotion, and Recreation</i> | | | | | | | | | | |
| GP00002 | The Effect of 30 Days of Megasporebiotic Supplementation on Post-Prandial Responses to a High-Fat Meal | Research | 200 | Physicians Exclusive, LLC | Private | PI | \$96 | 10% | \$10 | |
| <i>Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, and Recreation</i> | | | | | | | | | | |
| GP00004 | The Acute and Chronic Effects of the Altitude Training Mask on Changes in Physiological Response to Exercise: An Evidence Based Practice Study | Research | 200 | Training Mask, LLC. | Private | PI | \$13,396 | 5% | \$670 | |
| | | Totals for | Mcfarlin,Brian Keith | | | | | | | \$966 |
| Mittler,Ron | | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------|-------|--|----------------|--------|----------------------|---------------|--------------------|
| <i>Mittler, R., PI; Azad, R., Co-PI; Shulaev, V., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics</i> | | | | | | | | | |
| GF1681 | Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress | Research | 200 | National Science Foundation | Federal | PI | \$12,310 | 42% | \$5,170 |
| Totals for Mittler,Ron | | | | | | | | | \$5,170 |
| Padilla,Pamela A | | | | | | | | | |
| <i>Padilla, P., Co-PI; Burggren, W., PI; Biological Sciences</i> | | | | | | | | | |
| GF1736 | Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation | Research | 200 | National Science Foundation | Federal | Co-PI | \$3,205 | 40% | \$1,282 |
| <i>Padilla, P., PI; Biological Sciences; Azad, R., Co-PI; Mathematics</i> | | | | | | | | | |
| GF00001 | Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses | Research | 200 | National Institutes of Health | Federal | PI | \$24,464 | 60% | \$14,678 |
| Totals for Padilla,Pamela A | | | | | | | | | \$15,960 |
| Reyna,Kelly Shane | | | | | | | | | |
| <i>Reyna, K., PI; Crossley II, D., Co-PI; Johnson, J., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GS80000 | Environmental Neonicotinoid Effects on Northern Bobwhites: Integrating Functional Measurements Throughout Their Life History with Genomic Quantification | Research | 200 | Texas A&M AgriLife Extension Service | State | PI | \$6,727 | 33.34% | \$2,243 |
| Totals for Reyna,Kelly Shane | | | | | | | | | \$2,243 |
| Roberts,Aaron Patrick | | | | | | | | | |
| <i>Roberts, A., PI; Burggren, W., Co-PI; Crossley II, D., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GP6453 | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER) | Research | 200 | University of Miami - School of Medicine | Private | PI | \$42,800 | 34% | \$14,552 |
| <i>Roberts, A., Co-PI; Crossley II, D., PI; Burggren, W., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GP6450 | Relationships of Effects of Cardiac Outcomes in Fish to Validation of Ecological Risk (RECOVER) | Research | 200 | University of Miami - School of Medicine | Private | Co-PI | \$51,860 | 34% | \$17,632 |
| Totals for Roberts,Aaron Patrick | | | | | | | | | \$32,184 |
| Shah,Jyoti | | | | | | | | | |
| GF0501 | Targeting Host Defense Mechanism for Enhancing FHB Resistance in Wheat | Research | 200 | U.S. Department of Agriculture | Federal | PI | \$2,233 | 100% | \$2,233 |
| Totals for Shah,Jyoti | | | | | | | | | \$2,233 |
| Shulaev,Vladimir | | | | | | | | | |
| GP20003 | Metabolomic Investigation of Cotton Fiber Quality Biomarkers | Research | 200 | Cotton Incorporated | Private | PI | \$8,626 | 100% | \$8,626 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|---|---|----------|-------|--|----------------|--------|----------------------|---------------|--------------------|
| <i>Shulaev, V., Co-PI; Mittler, R., PI; Azad, R., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics</i> | | | | | | | | | |
| GF1681 | Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress | Research | 200 | National Science Foundation | Federal | Co-PI | \$12,310 | 29% | \$3,570 |
| GF4291 | Optimized Combination Antimalarial Drug Therapy | Research | 200 | Georgetown University | Federal | PI | \$10,783 | 100% | \$10,783 |
| Totals for | | | | Shulaev,Vladimir | | | | | \$22,978 |
| Steigman,Kenneth Lee | | | | | | | | | |
| G72118 | Wetland and Prairie Restoration | Research | 200 | Denton County | Federal | PI | \$1 | 100% | \$1 |
| Totals for | | | | Steigman,Kenneth Lee | | | | | \$1 |
| Tam,Nicoladie D | | | | | | | | | |
| <i>Tam, N., Co-PI; Biological Sciences; Dantu, R., PI; Computer Science & Engineering</i> | | | | | | | | | |
| GF1646 | MRI: CloudCar: Development of a Diverse Distributed Instrument for Vehicles in the Cloud | Research | 200 | National Science Foundation | Federal | Co-PI | \$2,894 | 10% | \$289 |
| Totals for | | | | Tam,Nicoladie D | | | | | \$289 |
| Thompson,Ruthanne | | | | | | | | | |
| GP7624 | The Dallas Environmental Education Initiative | Research | 200 | City of Dallas | Private | PI | \$3,116 | 100% | \$3,116 |
| <i>Thompson, R., Co-PI; Chapman, K., PI; Biological Sciences</i> | | | | | | | | | |
| GF2600 | Engineering Neutral Lipid Accumulation in Vegetative Tissues of Plants | Research | 200 | U.S. Department of Energy | Federal | Co-PI | \$1,185 | 25% | \$296 |
| Totals for | | | | Thompson,Ruthanne | | | | | \$3,412 |
| Verbeck IV,Guido Fridolin | | | | | | | | | |
| <i>Verbeck IV, G., PI; Biological Sciences; 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 | 200 | National Institute of Justice | Federal | PI | -\$26 | 15% | (\$4) |
| Totals for | | | | Verbeck IV,Guido Fridolin | | | | | (\$4) |
| Vingren,Jakob Langberg | | | | | | | | | |
| <i>Vingren, J., PI; Biological Sciences; Vingren, J., PI; Kinesiology, Health Promotion, and Recreation</i> | | | | | | | | | |
| GP6485 | Effect Of The Transient Resistance Exercise-Induced Testosterone Increase on Satellite Cell Activation | Research | 200 | National Strength and Conditioning Association | Private | PI | \$29 | 10% | \$3 |
| <i>Vingren, J., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, and Recreation</i> | | | | | | | | | |
| GP00004 | The Acute and Chronic Effects of the Altitude Training Mask on Changes in Physiological Response to Exercise: An Evidence Based Practice Study | Research | 200 | Training Mask, LLC. | Private | Co-PI | \$13,396 | 5% | \$670 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount | |
|---|---|------------|----------------------------------|---------------------------------------|----------------|---------|----------------------|---------------|--------------------|------------------|
| | | Totals for | Vingren,Jakob Langberg | | | | | | | \$673 |
| Wang,Xiaoqiang | | | | | | | | | | |
| <i>Wang, X., PI; Longo, A., Co-PI; Biological Sciences</i> | | | | | | | | | | |
| GF2695 | UGT Engineering for Detoxifying Anticancer Drug SN-38 | Research | 200 | National Institutes of Health | Federal | PI | \$12,023 | 80% | \$9,618 | |
| | | Totals for | Wang,Xiaoqiang | | | | | | | \$9,618 |
| Wright,Amanda Joy | | | | | | | | | | |
| GF1691 | CAREER: Genetic Approach to Identifying Proteins Necessary for Division Plane Orientation During Plant Development | Research | 200 | National Science Foundation | Federal | PI | \$17,817 | 100% | \$17,817 | |
| | | Totals for | Wright,Amanda Joy | | | | | | | \$17,817 |
| | | Totals for | Biological Sciences | | | | | | | \$403,263 |
| Chemistry | | | | | | | | | | |
| Bagus,Paul S | | | | | | | | | | |
| GF2706 | Molecular Mechanisms of Interfacial Reactivity in Near Surface and Extreme Geochemical Environments - Core Level Spectroscopies | Research | 200 | Pacific Northwest National Laboratory | Federal | PI | \$6,830 | 100% | \$6,830 | |
| | | Totals for | Bagus,Paul S | | | | | | | \$6,830 |
| Buongiorno Nardelli,Marco | | | | | | | | | | |
| <i>Buongiorno Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M., PI; Physics</i> | | | | | | | | | | |
| GF4225 | Reciprocating Materials Design with the AFLOWLIB.org Repository | Research | 200 | Duke University | Federal | PI | \$5,724 | 20% | \$1,145 | |
| <i>Buongiorno Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M., PI; Physics</i> | | | | | | | | | | |
| GF4264 | Mineralogy Genome Project: Extending the AFLOWLIB.org Repository to Geophysical and Environmental Materials | Research | 200 | Duke University | Federal | PI | \$5,897 | 20% | \$1,179 | |
| <i>Buongiorno Nardelli, M., PI; Chemistry; Buongiorno Nardelli, M., PI; Physics</i> | | | | | | | | | | |
| GF4193 | Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies | Research | 200 | Duke University | Federal | PI | \$15,451 | 20% | \$3,090 | |
| | | Totals for | Buongiorno Nardelli,Marco | | | | | | | \$5,414 |
| Chyan,Oliver M R | | | | | | | | | | |
| GP6503 | Mechanistic Investigation and Prevention of Al Bond Pad Corrosion in Cu Wire Bonded Device Assembly | Research | 200 | Semiconductor Research Corporation | Private | PI | \$6,556 | 100% | \$6,556 | |
| | | Totals for | Chyan,Oliver M R | | | | | | | \$6,556 |
| Cundari,Thomas Richard | | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount | |
|--|---|------------|-------------------------------|-------------------------------|----------------|--------|----------------------|---------------|--------------------|-----------------|
| G73184 | Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources | Research | 200 | U.S. Department of Energy | Federal | PI | \$499 | 100% | \$499 | |
| GF4159 | Center for Enabling New Technologies Through Catalysis (CENTC) | Research | 200 | University of Washington | Federal | PI | \$5,726 | 100% | \$5,726 | |
| <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 | 200 | U.S. Department of Energy | Federal | Co-PI | \$5,114 | 50% | \$2,557 | |
| GF1740 | Earth-abundant Metal Catalysts for the Functionalization of Strong Carbon-Hydrogen Bonds | Research | 200 | National Science Foundation | Federal | PI | \$266 | 100% | \$266 | |
| <i>Cundari, T., PI; Drummond, M., Co-PI; Wilson, A., Co-PI; Chemistry</i> | | | | | | | | | | |
| GP6211 | Computational Chemistry Research for Novel Anti-Inflammatory Medicines | Research | 200 | Reata Pharmaceuticals | Private | PI | \$19,475 | 34% | \$6,622 | |
| | | Totals for | Cundari,Thomas Richard | | | | | | | \$15,670 |
| Drummond,Michael L | | | | | | | | | | |
| <i>Drummond, M., Co-PI; Cundari, T., PI; Wilson, A., Co-PI; Chemistry</i> | | | | | | | | | | |
| GP6211 | Computational Chemistry Research for Novel Anti-Inflammatory Medicines | Research | 200 | Reata Pharmaceuticals | Private | Co-PI | \$19,475 | 33% | \$6,427 | |
| | | Totals for | Drummond,Michael L | | | | | | | \$6,427 |
| D'souza,Francis | | | | | | | | | | |
| <i>D'souza, F., PI; Chemistry; D'souza, F., PI; Materials Science & Engineering</i> | | | | | | | | | | |
| GF1692 | Light Harvesting Nanocarbon-Sensitizer Supramolecules | Research | 200 | National Science Foundation | Federal | PI | \$21,907 | 80% | \$17,526 | |
| | | Totals for | D'souza,Francis | | | | | | | \$17,526 |
| Golden,Teresa D | | | | | | | | | | |
| <i>Golden, T., Co-PI; Verbeck IV, G., PI; Chemistry; Verbeck IV, G., PI; Biological Sciences</i> | | | | | | | | | | |
| GF2672 | Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks | Research | 200 | National Institute of Justice | Federal | Co-PI | -\$26 | 50% | (\$13) | |
| | | Totals for | Golden,Teresa D | | | | | | | (\$13) |
| Kelber,Jeffry A | | | | | | | | | | |
| GF1732 | Collaborative Research: Spintronics Without Spin Injection | Research | 200 | National Science Foundation | Federal | PI | \$14,939 | 100% | \$14,939 | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount |
|--------------------------------------|--|------------|-------|--------------------------------------|----------------|---------|----------------------|---------------|--------------------|
| GF2686 | Doped Boron Carbide Polymers: Fundamental Studies of Novel Class Materials for Enhanced Radiation Detection | Research | 200 | Defense Threat Reduction Agency | Federal | PI | \$19,075 | 100% | \$19,075 |
| GF4243 | Center for Spintronic Materials, Interfaces and Novel Architectures (C-SPIN) | Research | 200 | University of Minnesota | Federal | PI | \$2,371 | 100% | \$2,371 |
| | | Totals for | | Kelber,Jeffry A | | | | | \$36,385 |
| Marshall,Paul | | | | | | | | | |
| GP7632 | Kinetic and Product Studies of Complex-Forming Reactions in the Gas Phase | Research | 200 | Robert A. Welch Foundation | Private | PI | \$5,779 | 100% | \$5,779 |
| | | Totals for | | Marshall,Paul | | | | | \$5,779 |
| Omary,Mohammad A | | | | | | | | | |
| GP7631 | Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds | Research | 200 | Robert A. Welch Foundation | Private | PI | \$8,123 | 100% | \$8,123 |
| GF1704 | Macromolecular, Supramolecular and/or Nanomolecular Photophysics and Photochemistry of d10 and d8 Complexes | Research | 200 | National Science Foundation | Federal | PI | \$25,227 | 100% | \$25,227 |
| GP6490 | An Intelligent Open Hole Wireline Tool Conveyance System | Research | 200 | Texas A & M University System | Private | PI | \$5,583 | 100% | \$5,583 |
| | | Totals for | | Omary,Mohammad A | | | | | \$38,933 |
| Richmond,Michael George | | | | | | | | | |
| GP7633 | Synthesis and Reactivity Studies of Metal Clusters | Research | 200 | Robert A. Welch Foundation | Private | PI | \$8,398 | 100% | \$8,398 |
| | | Totals for | | Richmond,Michael George | | | | | \$8,398 |
| Slaughter III,Legrande Mancel | | | | | | | | | |
| GF1680 | Harnessing Nonclassical Metal-Arene Interactions to Achieve Enantioselective Catalysis | Research | 200 | National Science Foundation | Federal | PI | \$1,312 | 100% | \$1,312 |
| GF1721 | REU Site: Undergraduate Research Opportunities at the Interface of Computational and Experimental Chemistry at the University of North Texas | Research | 200 | National Science Foundation | Federal | PI | \$10,034 | 100% | \$10,034 |
| | | Totals for | | Slaughter III,Legrande Mancel | | | | | \$11,346 |
| Verbeck IV,Guido Fridolin | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------------------------------|-------|--|----------------|--------|----------------------|---------------|--------------------|
| <i>Verbeck IV, G., PI; Golden, T., Co-PI; Chemistry; Verbeck IV, G., PI; Biological Sciences</i> | | | | | | | | | |
| GF2672 | Microscopy with Direct Analyte Probe Nanoextraction (DAPNe)-Coupled to Nanospray Mass Spectrometry for Localized Chemical Analysis of Document Inks | Research | 200 | National Institute of Justice | Federal | PI | -\$26 | 35% | (\$9) |
| Totals for | | Verbeck IV,Guido Fridolin | | | | | | | (\$9) |
| Wilson,Angela Kay | | | | | | | | | |
| <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 | 200 | U.S. Department of Energy | Federal | PI | \$5,114 | 50% | \$2,557 |
| <i>Wilson, A., Co-PI; Cundari, T., PI; Drummond, M., Co-PI; Chemistry</i> | | | | | | | | | |
| GP6211 | Computational Chemistry Research for Novel Anti-Inflammatory Medicines | Research | 200 | Reata Pharmaceuticals | Private | Co-PI | \$19,475 | 33% | \$6,427 |
| Totals for | | Wilson,Angela Kay | | | | | | | \$8,984 |
| Xia,Zhenhai | | | | | | | | | |
| <i>Xia, Z., PI; Chemistry; Xia, Z., PI; Materials Science & Engineering</i> | | | | | | | | | |
| GF4147 | Nanofabrication of Tunable 3D Nanotube Architectures | Research | 200 | Case Western Reserve University | Federal | PI | \$2,750 | 20% | \$550 |
| <i>Xia, Z., PI; Chemistry; Xia, Z., PI; Materials Science & Engineering</i> | | | | | | | | | |
| GF1659 | Collaborative Research: Multifunctional Nanocomposites with Reversible Switch and Controlled Release Surfaces | Research | 200 | National Science Foundation | Federal | PI | \$13,641 | 20% | \$2,728 |
| <i>Xia, Z., Co-PI; Chemistry; Mishra, R., PI; Du, J., Co-PI; Xia, Z., Co-PI; Materials Science & Engineering</i> | | | | | | | | | |
| GF4284 | Engineered Materials and Materials Designs of Engineered Materials (EMMDEM) | Research | 200 | Northeastern University | Federal | Co-PI | \$7,664 | 9% | \$690 |
| Totals for | | Xia,Zhenhai | | | | | | | \$3,968 |
| Totals for | | Chemistry | | | | | | | \$172,192 |
| Communication Studies | | | | | | | | | |
| Ahmed,Iftekhar | | | | | | | | | |
| GF1648 | VOSS: Research on the Process of Virtual Environment | Research | 200 | National Science Foundation | Federal | PI | \$1,561 | 100% | \$1,561 |
| GF4245 | GECAT- Global Initiative to Enhance @ Scale and Distributed Computing and Analysis Technologies to Address Grand Challenge Problems Around the World | Research | 200 | University of Illinois at Urbana-Champaign | Federal | PI | \$4,264 | 100% | \$4,264 |
| Totals for | | Ahmed,Iftekhar | | | | | | | \$5,824 |
| Totals for | | Communication Studies | | | | | | | \$5,824 |
| English | | | | | | | | | |
| Raja,Masood Ashraf | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|------------|---|------------|---------------------------|--------------------------|----------------|--------|----------------------|---------------|--------------------|
| GF2656 | UNT-NUML Partnership to Enhance English Linguistics, Literature, and Teaching | Research | 200 | U.S. Department of State | Federal | PI | \$1,169 | 100% | \$1,169 |
| | | Totals for | Raja,Masood Ashraf | | | | | | \$1,169 |
| | | Totals for | English | | | | | | \$1,169 |

Geography

Nagaoka,Lisa A

Nagaoka, L., PI; Pan, F., Co-PI; Wolverton, S., Co-PI; Geography; Atkinson, S., Co-PI; Biological Sciences

| | | | | | | | | | |
|--------|---|------------|-----------------------|-----------------------------|---------|----|---------|-----|----------------|
| GF1711 | Collaborative Research: Modeling Crop Failure Potential in Late Research Pueblo III Mesa Verde Villages | Research | 200 | National Science Foundation | Federal | PI | \$6,399 | 35% | \$2,240 |
| | | Totals for | Nagaoka,Lisa A | | | | | | \$2,240 |

Oppong,Joseph R

Oppong, J., Co-PI; Geography; Ishiyama, J., PI; Political Science

| | | | | | | | | | |
|--------|---|------------|------------------------|-----------------------------|---------|-------|----------|-----|----------------|
| GF1682 | REU Site: Civil Conflict Management and Peace Science | Research | 200 | National Science Foundation | Federal | Co-PI | \$30,840 | 20% | \$6,168 |
| | | Totals for | Oppong,Joseph R | | | | | | \$6,168 |

Pan,Feifei

Pan, F., Co-PI; Nagaoka, L., PI; Wolverton, S., Co-PI; Geography; Atkinson, S., Co-PI; Biological Sciences

| | | | | | | | | | |
|--------|---|------------|-------------------|-----------------------------|---------|-------|---------|-----|----------------|
| GF1711 | Collaborative Research: Modeling Crop Failure Potential in Late Research Pueblo III Mesa Verde Villages | Research | 200 | National Science Foundation | Federal | Co-PI | \$6,399 | 35% | \$2,240 |
| | | Totals for | Pan,Feifei | | | | | | \$2,240 |

Ponette,Alexandra Gisela

| | | | | | | | | | |
|--------|---|------------|---------------------------------|-----------------------------|---------|----|---------|------|----------------|
| GF1743 | EAGER Collaborative Research: Exploring Dust Impacts on Terrestrial Ecosystem Processes Using an Innovative and Integrated Approach | Research | 200 | National Science Foundation | Federal | PI | \$1,684 | 100% | \$1,684 |
| | | Totals for | Ponette,Alexandra Gisela | | | | | | \$1,684 |

Tiwari,Chetan

Tiwari, C., Co-PI; Geography; Mikler, A., PI; Bryce, R., Co-PI; Computer Science & Engineering

| | | | | | | | | | |
|--------|--|---|----------------------|--|---------|-------|----------|-----|----------------|
| GF2667 | Minimizing Access Disparities in Bio-Emergency Response Planning | Research | 200 | National Institutes of Health | Federal | Co-PI | \$12,120 | 35% | \$4,242 |
| | | <i>Tiwari, C., Co-PI; Geography; Mikler, A., PI; Computer Science & Engineering</i> | | | | | | | |
| GF4292 | Developing Computational Methods To Explore Feasible Strategies For The Timely Distribution Of Medical Countermeasures From Regional RSS Sites To PODs | Research | 200 | Texas Department of State Health Service | Federal | Co-PI | \$480 | 30% | \$144 |
| | | Totals for | Tiwari,Chetan | | | | | | \$4,386 |

Wolverton,Steven John

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|---|--|------------|---------------------------------------|-------------------------------|----------------|--------|----------------------|---------------|--------------------|
| <i>Wolverton, S., Co-PI; Nagaoka, L., PI; Pan, F., Co-PI; Geography; Atkinson, S., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GF1711 | Collaborative Research: Modeling Crop Failure Potential in Late Research Pueblo III Mesa Verde Villages | 200 | | National Science Foundation | Federal | Co-PI | \$6,399 | 20% | \$1,280 |
| | | Totals for | Wolverton,Steven John | | | | | | \$1,280 |
| | | Totals for | Geography | | | | | | \$17,997 |
| <i>Institute for Applied Sciences</i> | | | | | | | | | |
| Kennedy,James H | | | | | | | | | |
| GP40001 | Surveillance of Mosquitoes and Arboviruses Including West Nile Virus in the City of Denton 2016 | Research | 200 | City of Denton | Private | PI | \$1,954 | 100% | \$1,954 |
| | | Totals for | Kennedy,James H | | | | | | \$1,954 |
| Steigman,Kenneth Lee | | | | | | | | | |
| GP6513 | SH 183 Habitat Mitigation Project | Research | 200 | SouthGate Mobility Partners | Private | PI | \$379 | 100% | \$379 |
| | | Totals for | Steigman,Kenneth Lee | | | | | | \$379 |
| | | Totals for | Institute for Applied Sciences | | | | | | \$2,333 |
| <i>Mathematics</i> | | | | | | | | | |
| Azad,Rajeev Kumar | | | | | | | | | |
| <i>Azad, R., Co-PI; Mathematics; Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biological Sciences; Boyd, R., Co-PI; Teacher Education & Administration; D'Souza, N., Co-PI; Mater</i> | | | | | | | | | |
| GF1734 | Biosynthesis, Regulation and Engineering of C-Lignin | Research | 200 | National Science Foundation | Federal | Co-PI | \$10,398 | 4% | \$416 |
| <i>Azad, R., Co-PI; Mathematics; Padilla, P., PI; Biological Sciences</i> | | | | | | | | | |
| GF00001 | Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses | Research | 200 | National Institutes of Health | Federal | Co-PI | \$24,464 | 40% | \$9,786 |
| <i>Azad, R., Co-PI; Mathematics; Mittler, R., PI; Azad, R., Co-PI; Shulaev, V., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GF1681 | Ultrafast Omics Reveals Key Players in the Response of Plants to Abiotic Stress | Research | 200 | National Science Foundation | Federal | Co-PI | \$12,310 | 11.6% | \$1,428 |
| | | Totals for | Azad,Rajeev Kumar | | | | | | \$11,630 |
| Conley,Charles H | | | | | | | | | |
| GP6191 | Lie Algebra Cohomology and Invariant Differential Operators | Research | 200 | Simons Foundation | Private | PI | \$2,904 | 100% | \$2,904 |
| | | Totals for | Conley,Charles H | | | | | | \$2,904 |
| Douglass,J Matthew | | | | | | | | | |
| GP6292 | Geometric Aspects of the Representation Theory of Reductive Groups | Research | 200 | Simons Foundation | Private | PI | \$567 | 100% | \$567 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount | |
|--|--|------------|------------------------------|-----------------------------|----------------|---------|----------------------|---------------|--------------------|----------------|
| | | Totals for | Douglass,J Matthew | | | | | | | \$567 |
| Fishman,Lior | | | | | | | | | | |
| GP6290 | Diophantine Approximation on Fractals | Research | 200 | Simons Foundation | Private | PI | \$335 | 100% | \$335 | |
| | | Totals for | Fishman,Lior | | | | | | | \$335 |
| Gao,Su | | | | | | | | | | |
| GP6291 | Diophantine Approximation on Fractals | Research | 200 | Simons Foundation | Private | PI | -\$1,863 | 100% | (\$1,863) | |
| <i>Gao, S., PI; Jackson, S., Co-PI; Urbanski, M., Co-PI; Mathematics</i> | | | | | | | | | | |
| GF1745 | Research Training Group in Logic and Dynamics | Research | 200 | National Science Foundation | Federal | PI | \$10,094 | 34% | \$3,432 | |
| GP6205 | Lie Algebra Cohomology and Invariant Differential Operators | Research | 200 | Simons Foundation | Private | PI | \$997 | 100% | \$997 | |
| GP6293 | Geometric Aspects of the Representation Theory of Reductive Groups | Research | 200 | Simons Foundation | Private | PI | -\$1,046 | 100% | (\$1,046) | |
| GP6208 | Problems in Linear and Nonlinear Geometry of Banach Spaces | Research | 200 | Simons Foundation | Private | PI | \$1,243 | 100% | \$1,243 | |
| GP6206 | Jacobi Forms and Applications | Research | 200 | Simons Foundation | Private | PI | \$702 | 100% | \$702 | |
| | | Totals for | Gao,Su | | | | | | | \$3,466 |
| Jackson,Stephen Craig | | | | | | | | | | |
| <i>Jackson, S., Co-PI; Gao, S., PI; Urbanski, M., Co-PI; Mathematics</i> | | | | | | | | | | |
| GF1745 | Research Training Group in Logic and Dynamics | Research | 200 | National Science Foundation | Federal | Co-PI | \$10,094 | 33% | \$3,331 | |
| | | Totals for | Jackson,Stephen Craig | | | | | | | \$3,331 |
| Krueger,John Eric | | | | | | | | | | |
| GF1719 | Forcing and Consistency Results | Research | 200 | National Science Foundation | Federal | PI | \$9,356 | 100% | \$9,356 | |
| | | Totals for | Krueger,John Eric | | | | | | | \$9,356 |
| Richter,Olav K | | | | | | | | | | |
| GP6192 | Jacobi Forms and Applications | Research | 200 | Simons Foundation | Private | PI | \$418 | 100% | \$418 | |
| | | Totals for | Richter,Olav K | | | | | | | \$418 |
| Urbanski,Mariusz | | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|--|--|-------------------------|-------|-----------------------------|----------------|--------|----------------------|---------------|--------------------|
| GF1697 | Thermodynamic Formalism, Dynamics and Dimensions | Research | 200 | National Science Foundation | Federal | PI | \$18,077 | 100% | \$18,077 |
| <i>Urbanski, M., Co-PI; Gao, S., PI; Jackson, S., Co-PI; Mathematics</i> | | | | | | | | | |
| GF1745 | Research Training Group in Logic and Dynamics | Research | 200 | National Science Foundation | Federal | Co-PI | \$10,094 | 33% | \$3,331 |
| Totals for | | Urbanski,Mariusz | | | | | | | \$21,408 |
| Totals for | | Mathematics | | | | | | | \$53,415 |

Philosophy & Religion Studies

Briggle,Adam Robert Dryden

Briggle, A., Co-PI; Frodeman, R., PI; Philosophy & Religion Studies

| | | | | | | | | | |
|--------|---|----------|-----|-----------------------------|---------|-------|---------|-----|---------|
| GF1687 | EAGER: Research on the Broader Impacts of Basic Science: Gauging the State of the Art | Research | 200 | National Science Foundation | Federal | Co-PI | \$7,315 | 30% | \$2,194 |
|--------|---|----------|-----|-----------------------------|---------|-------|---------|-----|---------|

Briggle, A., Co-PI; Oppong, J., PI; Philosophy & Religion Studies; John, K., Co-PI; Mechanical & Energy Engineering

| | | | | | | | | | |
|------------|---|-----------------------------------|-----|-----------------------------|---------|-------|---------|-----|----------------|
| GF1675 | Gaming Graduate Ethics Education in Science & Engineering | Research | 200 | National Science Foundation | Federal | Co-PI | \$7,478 | 30% | \$2,244 |
| Totals for | | Briggle,Adam Robert Dryden | | | | | | | \$4,438 |

Frodeman,Robert Lee

Frodeman, R., PI; Briggle, A., Co-PI; Philosophy & Religion Studies

| | | | | | | | | | |
|--------|---|----------|-----|-----------------------------|---------|----|---------|-----|---------|
| GF1687 | EAGER: Research on the Broader Impacts of Basic Science: Gauging the State of the Art | Research | 200 | National Science Foundation | Federal | PI | \$7,315 | 70% | \$5,120 |
|--------|---|----------|-----|-----------------------------|---------|----|---------|-----|---------|

| | | | | | | | | | |
|------------|--|----------------------------|--|--|--|--|--|--|----------------|
| Totals for | | Frodeman,Robert Lee | | | | | | | \$5,120 |
|------------|--|----------------------------|--|--|--|--|--|--|----------------|

Oppong,Joseph R

Oppong, J., PI; Briggle, A., Co-PI; Philosophy & Religion Studies; John, K., Co-PI; Mechanical & Energy Engineering

| | | | | | | | | | |
|------------|---|------------------------|-----|-----------------------------|---------|----|---------|-----|----------------|
| GF1675 | Gaming Graduate Ethics Education in Science & Engineering | Research | 200 | National Science Foundation | Federal | PI | \$7,478 | 60% | \$4,487 |
| Totals for | | Oppong,Joseph R | | | | | | | \$4,487 |

| | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|-----------------|
| Totals for | | Philosophy & Religion Studies | | | | | | | \$14,045 |
|------------|--|--|--|--|--|--|--|--|-----------------|

Physics

Aouadi,Samir M

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

| | | | | | | | | | |
|--------|--|----------|-----|-----------------------------|---------|----|----------|-----|---------|
| GF1708 | REU Site: Advanced Processing and Materials Characterization | Research | 200 | National Science Foundation | Federal | PI | \$34,617 | 10% | \$3,462 |
|--------|--|----------|-----|-----------------------------|---------|----|----------|-----|---------|

| | | | | | | | | | |
|------------|--|-----------------------|--|--|--|--|--|--|----------------|
| Totals for | | Aouadi,Samir M | | | | | | | \$3,462 |
|------------|--|-----------------------|--|--|--|--|--|--|----------------|

Buongiorno Nardelli,Marco

Buongiorno Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; Chemistry

| | | | | | | | | | |
|--------|---|----------|-----|-----------------|---------|----|---------|-----|---------|
| GF4264 | Mineralogy Genome Project: Extending the AFLOWLIB.org Repository to Geophysical and Environmental Materials | Research | 200 | Duke University | Federal | PI | \$5,897 | 80% | \$4,718 |
|--------|---|----------|-----|-----------------|---------|----|---------|-----|---------|

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount | |
|---|--|----------------------------------|-------|---|----------------|---------|----------------------|---------------|--------------------|-----------------|
| <i>Buongiorno Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; Chemistry</i> | | | | | | | | | | |
| GF4225 | Reciprocating Materials Design with the AFLOWLIB.org Repository | Research | 200 | Duke University | Federal | PI | \$5,724 | 80% | \$4,579 | |
| <i>Buongiorno Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; Chemistry</i> | | | | | | | | | | |
| GF4193 | Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies | Research | 200 | Duke University | Federal | PI | \$15,451 | 80% | \$12,361 | |
| Totals for | | Buongiorno Nardelli,Marco | | | | | | | | \$21,658 |
| Grigolini,Paolo | | | | | | | | | | |
| GP7634 | Ergodicity Breaking in Chemical, Biological and Cooperative Systems | Research | 200 | Robert A. Welch Foundation | Private | PI | \$4,267 | 100% | \$4,267 | |
| GF2696 | Behavioral Constraints on Game Theory | Research | 200 | U.S. Army | Federal | PI | \$4,816 | 100% | \$4,816 | |
| Totals for | | Grigolini,Paolo | | | | | | | | \$9,083 |
| Lin,Yuankun | | | | | | | | | | |
| <i>Lin, Y., PI; Physics; Lin, Y., PI; Electrical Engineering</i> | | | | | | | | | | |
| GF4228 | Low Threshold Lasing and Selective Sensing Devices Based on Organic Dyes Stabilized in Nanopores and Polymer Photonic Crystals | Research | 200 | University of Texas at San Antonio | Federal | PI | \$14,586 | 75% | \$10,939 | |
| Totals for | | Lin,Yuankun | | | | | | | | \$10,939 |
| Mueller,Dennis William | | | | | | | | | | |
| GF1600 | Kinematically Complete Measurements for Positron Impact Ionization of Atoms and Simple Molecules | Research | 200 | National Science Foundation | Federal | PI | \$1,814 | 100% | \$1,814 | |
| Totals for | | Mueller,Dennis William | | | | | | | | \$1,814 |
| Ordonez,Carlos A | | | | | | | | | | |
| GF1739 | Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping | Research | 200 | National Science Foundation | Federal | PI | \$6,979 | 100% | \$6,979 | |
| G72735 | Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping | Research | 200 | U.S. Department of Energy | Federal | PI | \$3,411 | 100% | \$3,411 | |
| Totals for | | Ordonez,Carlos A | | | | | | | | \$10,390 |
| Shemmer,Ohad | | | | | | | | | | |
| GF2704 | Weak Line Quasars at High Redshift: Extremely High Accretion Rate Sources | Research | 200 | National Aeronautics & Space Administration | Federal | PI | \$9,612 | 100% | \$9,612 | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount |
|--|--|------------|------------------------------------|--|----------------|---------|----------------------|---------------|--------------------|
| | | Totals for | Shemmer,Ohad | | | | | | \$9,612 |
| Shiner,David C | | | | | | | | | |
| GF1694 | Precision Laser Studies of Basic Atoms and Nuclei | Research | 200 | National Science Foundation | Federal | PI | \$7,870 | 100% | \$7,870 |
| | | Totals for | Shiner,David C | | | | | | \$7,870 |
| | | Totals for | Physics | | | | | | \$74,827 |
| <i>Political Science</i> | | | | | | | | | |
| Breuning,Marijke | | | | | | | | | |
| <i>Breuning, M., Co-PI; Ishiyama, J., PI; Forde, S., Co-PI; Martinez-Ebers, V., Co-PI; Political Science</i> | | | | | | | | | |
| GP6230 | Editorship for the American Political Science Review | Research | 200 | The American Political Science Association | Private | Co-PI | \$2,628 | 25% | \$657 |
| | | Totals for | Breuning,Marijke | | | | | | \$657 |
| Forde,Steven Paul | | | | | | | | | |
| <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 | Research | 200 | The American Political Science Association | Private | Co-PI | \$2,628 | 25% | \$657 |
| | | Totals for | Forde,Steven Paul | | | | | | \$657 |
| Ishiyama,John T. | | | | | | | | | |
| <i>Ishiyama, J., PI; Political Science; Oppong, J., Co-PI; Geography</i> | | | | | | | | | |
| GF1682 | REU Site: Civil Conflict Management and Peace Science | Research | 200 | National Science Foundation | Federal | PI | \$30,840 | 80% | \$24,672 |
| <i>Ishiyama, J., PI; Breuning, M., Co-PI; Forde, S., Co-PI; Martinez-Ebers, V., Co-PI; Political Science</i> | | | | | | | | | |
| GP6230 | Editorship for the American Political Science Review | Research | 200 | The American Political Science Association | Private | PI | \$2,628 | 25% | \$657 |
| | | Totals for | Ishiyama,John T. | | | | | | \$25,329 |
| Martinez-Ebers,Valerie Jane | | | | | | | | | |
| <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 | Research | 200 | The American Political Science Association | Private | Co-PI | \$2,628 | 25% | \$657 |
| | | Totals for | Martinez-Ebers,Valerie Jane | | | | | | \$657 |
| | | Totals for | Political Science | | | | | | \$27,300 |
| <i>Psychology</i> | | | | | | | | | |
| Hook,Joshua Nord | | | | | | | | | |
| GP6499 | Acts of God: The Effect of Natural Disasters on God Representations via Meaning Making | Research | 200 | Wheaton College | Private | PI | \$8,484 | 100% | \$8,484 |
| GP6393 | Behavioral Measure of Humility in Couples | Research | 200 | Georgia State University | Private | PI | \$50 | 100% | \$50 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|--|---|------------|---------------------------------------|--|----------------|--------|----------------------|---------------|--------------------|
| | | Totals for | Hook,Joshua Nord | | | | | | \$8,534 |
| Neumann,Craig S | | | | | | | | | |
| GP20004 | Prevalence of Psychopathic Traits in the General US Population | Research | 200 | The William H. Donner Foundation, Inc. | Private | PI | \$7,584 | 100% | \$7,584 |
| | | Totals for | Neumann,Craig S | | | | | | \$7,584 |
| Parsons,Thomas David | | | | | | | | | |
| GF4267 | Advanced Automated Assessment of Cognitive Changes Associated with Brain Injury and Neurological Disease | Research | 200 | SoarTech | Federal | PI | \$16,230 | 100% | \$16,230 |
| | | Totals for | Parsons,Thomas David | | | | | | \$16,230 |
| Taylor,Daniel | | | | | | | | | |
| GF2651 | Social Vigilance and Atherosclerotic Risk | Research | 200 | National Institutes of Health | Federal | PI | \$1,756 | 100% | \$1,756 |
| GF4287 | CAP-Treatment of Comorbid Sleep Disorders and PTSD | Research | 200 | University of Texas Health Science Center at San Antonio | Federal | PI | \$13,430 | 100% | \$13,430 |
| | | Totals for | Taylor,Daniel | | | | | | \$15,186 |
| | | Totals for | Psychology | | | | | | \$47,533 |
| | | Totals for | College of Arts & Sciences | | | | | | \$819,900 |
| College of Business | | | | | | | | | |
| Marketing | | | | | | | | | |
| Bomba,Michael Stephen | | | | | | | | | |
| <i>Bomba, M., Co-PI; Pohlen, T., PI; Marketing</i> | | | | | | | | | |
| GS5208 | Gulf Intercoastal Waterway Capacity Study | Research | 200 | Texas Department of Transportation | State | Co-PI | \$6,762 | 80% | \$5,410 |
| GS5206 | Understanding the Potential Impacts from Mexico's Petroleum Industry Reforms on Texas's Transportation Infrastructure | Research | 200 | Texas Department of Transportation | State | Co-PI | \$21,250 | 100% | \$21,250 |
| GS5179 | Interagency Contract to Assist TxDOT in Implementing the Requirements of MAP-21 (P.L. 112-141) | Research | 200 | Texas Department of Transportation | State | Co-PI | \$6,629 | 100% | \$6,629 |
| | | Totals for | Bomba,Michael Stephen | | | | | | \$33,289 |
| Pohlen,Terrance L | | | | | | | | | |
| <i>Pohlen, T., PI; Bomba, M., Co-PI; Marketing</i> | | | | | | | | | |
| GS5208 | Gulf Intercoastal Waterway Capacity Study | Research | 200 | Texas Department of Transportation | State | PI | \$6,762 | 20% | \$1,352 |
| | | Totals for | Pohlen,Terrance L | | | | | | \$1,352 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount | |
|---|--|------------|--|--|----------------|---------|----------------------|---------------|--------------------|-----------------|
| | | Totals for | Marketing | | | | | | | \$34,642 |
| | | Totals for | College of Business | | | | | | | \$34,642 |
| College of Education | | | | | | | | | | |
| <i>Counseling & Higher Education</i> | | | | | | | | | | |
| Bower,Beverly | | | | | | | | | | |
| GP6306 | Council for the Study of Community Colleges | Research | 200 | Council for the Study of Community Colleges | Private | PI | \$417 | 100% | \$417 | |
| | | Totals for | Bower,Beverly | | | | | | | \$417 |
| | | Totals for | Counseling & Higher Education | | | | | | | \$417 |
| <i>Kinesiology, Health Promotion, and Recreation</i> | | | | | | | | | | |
| Mcfarlin,Brian Keith | | | | | | | | | | |
| <i>Mcfarlin, B., PI; Kinesiology, Health Promotion, and Recreation; Mcfarlin, B., PI; Biological Sciences</i> | | | | | | | | | | |
| GP6501 | Testing Efficacy of UA Recovery Shorts Following EIMD | Research | 200 | Under Armour, Inc. | Private | PI | \$2,869 | 90% | \$2,582 | |
| <i>Mcfarlin, B., PI; Vingren, J., Co-PI; Kinesiology, Health Promotion, and Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences</i> | | | | | | | | | | |
| GP00004 | The Acute and Chronic Effects of the Altitude Training Mask on Changes in Physiological Response to Exercise: An Evidence Based Practice Study | Research | 200 | Training Mask, LLC. | Private | PI | \$13,396 | 45% | \$6,028 | |
| <i>Mcfarlin, B., PI; Kinesiology, Health Promotion, and Recreation; Mcfarlin, B., PI; Biological Sciences</i> | | | | | | | | | | |
| GP00002 | The Effect of 30 Days of Megasporebiotic Supplementation on Post-Prandial Responses to a High-Fat Meal | Research | 200 | Physicians Exclusive, LLC | Private | PI | \$96 | 90% | \$86 | |
| | | Totals for | Mcfarlin,Brian Keith | | | | | | | \$8,697 |
| Vingren,Jakob Langberg | | | | | | | | | | |
| <i>Vingren, J., Co-PI; Mcfarlin, B., PI; Kinesiology, Health Promotion, and Recreation; Mcfarlin, B., PI; Vingren, J., Co-PI; Biological Sciences</i> | | | | | | | | | | |
| GP00004 | The Acute and Chronic Effects of the Altitude Training Mask on Changes in Physiological Response to Exercise: An Evidence Based Practice Study | Research | 200 | Training Mask, LLC. | Private | Co-PI | \$13,396 | 45% | \$6,028 | |
| <i>Vingren, J., PI; Kinesiology, Health Promotion, and Recreation; Vingren, J., PI; Biological Sciences</i> | | | | | | | | | | |
| GP6485 | Effect Of The Transient Resistance Exercise-Induced Testosterone Increase on Satellite Cell Activation | Research | 200 | National Strength and Conditioning Association | Private | PI | \$29 | 90% | \$26 | |
| | | Totals for | Vingren,Jakob Langberg | | | | | | | \$6,054 |
| | | Totals for | Kinesiology, Health Promotion, and Recreation | | | | | | | \$14,751 |

Teacher Education & Administration

Boyd,Rossana R

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|---|--|---|-------|------------------------------|----------------|--------|----------------------|---------------|--------------------|
| GF0610 | Title III: National Professional Development Program - Project NEXUS | Research | 200 | U.S. Department of Education | Federal | PI | \$431 | 100% | \$431 |
| <i>Boyd, R., Co-PI; Teacher Education & Administration; Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics; D'Souza, N., Co-PI; Mater</i> | | | | | | | | | |
| GF1734 | Biosynthesis, Regulation and Engineering of C-Lignin | Research | 200 | National Science Foundation | Federal | Co-PI | \$10,398 | 10% | \$1,040 |
| Totals for | | Boyd,Rossana R | | | | | | | \$1,470 |
| Totals for | | Teacher Education & Administration | | | | | | | \$1,470 |
| Totals for | | College of Education | | | | | | | \$16,638 |

College of Engineering

Computer Science & Engineering

Akl,Robert

Akl, R., Co-PI; Kavi, K., PI; Computer Science & Engineering

| | | | | | | | | | |
|------------|---|-------------------|-----|------------------------|---------|-------|---------|-----|----------------|
| GP6447 | Membership Fees: IUCRC Net Centric Software and Systems | Research | 200 | Generic Pooled Sponsor | Private | Co-PI | \$6,493 | 20% | \$1,299 |
| Totals for | | Akl,Robert | | | | | | | \$1,299 |

Bryce,Renee Cathryn

| | | | | | | | | | |
|--------|---|----------|-----|---------------------|---------|----|---------|------|---------|
| GF2702 | Harmonizing Metadata Standards In Ecology | Research | 200 | USDA Forest Service | Federal | PI | \$9,663 | 100% | \$9,663 |
|--------|---|----------|-----|---------------------|---------|----|---------|------|---------|

Bryce, R., Co-PI; Mikler, A., PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography

| | | | | | | | | | |
|--------|--|----------|-----|-------------------------------|---------|-------|----------|-----|---------|
| GF2667 | Minimizing Access Disparities in Bio-Emergency Response Planning | Research | 200 | National Institutes of Health | Federal | Co-PI | \$12,120 | 15% | \$1,818 |
|--------|--|----------|-----|-------------------------------|---------|-------|----------|-----|---------|

Bryce, R., PI; Takabi, H., Co-PI; Computer Science & Engineering

| | | | | | | | | | |
|------------|---|----------------------------|-----|-----------------------------|---------|----|----------|-----|-----------------|
| GF1707 | REU Site: Secure Software Testing for Web and Mobile Applications: Research Experience for Undergraduates | Research | 200 | National Science Foundation | Federal | PI | \$16,594 | 50% | \$8,297 |
| Totals for | | Bryce,Renee Cathryn | | | | | | | \$19,777 |

Caragea,Cornelia Alexandra

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

| | | | | | | | | | |
|--------|---|----------|-----|-------------------------------|---------|----|---------|-----|---------|
| GF4283 | CRISP Type 2: Collaborative Research: Resilience Analytics: A Data-Driven Approach for Enhanced Interdependent Network Resilience | Research | 200 | Pennsylvania State University | Federal | PI | \$1,622 | 80% | \$1,298 |
|--------|---|----------|-----|-------------------------------|---------|----|---------|-----|---------|

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

| | | | | | | | | | |
|--------|--|----------|-----|-----------------------------|---------|----|----------|-----|----------|
| GF1700 | TWC: Small: Collaborative: Towards Privacy Preserving Online Image Sharing | Research | 200 | National Science Foundation | Federal | PI | \$13,408 | 80% | \$10,726 |
|--------|--|----------|-----|-----------------------------|---------|----|----------|-----|----------|

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

| | | | | | | | | | |
|------------|---|-----------------------------------|-----|-----------------------------|---------|----|---------|-----|-----------------|
| GF1703 | III: Small: Collaborative Research: Keyphrase Extraction in Document Networks | Research | 200 | National Science Foundation | Federal | PI | \$9,663 | 56% | \$5,411 |
| Totals for | | Caragea,Cornelia Alexandra | | | | | | | \$17,435 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount |
|---|--|---------------------------|-------|---|----------------|---------|----------------------|---------------|--------------------|
| Dantu,Ramanamurthy | | | | | | | | | |
| <i>Dantu, R., PI; Computer Science & Engineering; Tam, N., Co-PI; Biological Sciences</i> | | | | | | | | | |
| GF1646 | MRI: CloudCar: Development of a Diverse Distributed Instrument for Vehicles in the Cloud | Research | 200 | National Science Foundation | Federal | PI | \$2,894 | 90% | \$2,604 |
| GF1735 | EAGER: Mobile Solutions for Multifold Increase of Survival Rates Through High Quality Chest Compressions | Research | 200 | National Science Foundation | Federal | PI | \$4,417 | 100% | \$4,417 |
| Totals for | | Dantu,Ramanamurthy | | | | | | | \$7,022 |
| Do,Hyunsook | | | | | | | | | |
| GF1746 | CAREER: Context-Aware Regression Testing Techniques and Empirical Evaluations of Their Economic Impact | Research | 200 | National Science Foundation | Federal | PI | \$17,302 | 100% | \$17,302 |
| Totals for | | Do,Hyunsook | | | | | | | \$17,302 |
| Fu,Song | | | | | | | | | |
| GF4266 | Anomaly Detection in DOE High Performance Computing Systems Logs Using Machine Learning | Research | 200 | Los Alamos National Laboratory | Federal | PI | \$6,684 | 100% | \$6,684 |
| GF40000 | Developing Scalable and Resilient Storage Systems by Exploring Open Ethernet Drives | Research | 200 | Los Alamos National Laboratory | Federal | PI | \$6,635 | 100% | \$6,635 |
| Totals for | | Fu,Song | | | | | | | \$13,318 |
| Huang,Yan | | | | | | | | | |
| GF2665 | Geotagging Social Media for Enhanced Location-Based Search | Research | 200 | National Geospatial-Intelligence Agency | Federal | PI | \$848 | 100% | \$848 |
| Totals for | | Huang,Yan | | | | | | | \$848 |
| Kavi,Krishna M | | | | | | | | | |
| GF1679 | IUCRC: NSF Net-Centric and Cloud Software and Systems | Research | 200 | National Science Foundation | Federal | PI | \$39,092 | 100% | \$39,092 |
| <i>Kavi, K., PI; Akl, R., Co-PI; Computer Science & Engineering</i> | | | | | | | | | |
| GP6447 | Membership Fees: IUCRC Net Centric Software and Systems | Research | 200 | Generic Pooled Sponsor | Private | PI | \$6,493 | 80% | \$5,194 |
| Totals for | | Kavi,Krishna M | | | | | | | \$44,286 |
| Mikler,Armin R | | | | | | | | | |
| <i>Mikler, A., PI; Bryce, R., Co-PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography</i> | | | | | | | | | |
| GF2667 | Minimizing Access Disparities in Bio-Emergency Response Planning | Research | 200 | National Institutes of Health | Federal | PI | \$12,120 | 50% | \$6,060 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount | |
|---|--|---|-------|--|----------------|---------|----------------------|---------------|--------------------|------------------|
| <i>Mikler, A., PI; Computer Science & Engineering; Tiwari, C., Co-PI; Geography</i> | | | | | | | | | | |
| GF4292 | Developing Computational Methods To Explore Feasible Strategies For The Timely Distribution Of Medical Countermeasures From Regional RSS Sites To PODs | Research | 200 | Texas Department of State Health Service | Federal | PI | \$480 | 70% | \$336 | |
| Totals for | | Mikler,Armin R | | | | | | | | \$6,396 |
| Mohanty,Saraju | | | | | | | | | | |
| <i>Mohanty, S., PI; Computer Science & Engineering; Kougianos, E., Co-PI; Engineering Technology</i> | | | | | | | | | | |
| GF4262 | Low-Latency Embedded Vision Processor | Research | 200 | NanoWatt Design, Inc. | Federal | PI | \$12,282 | 60% | \$7,369 | |
| Totals for | | Mohanty,Saraju | | | | | | | | \$7,369 |
| Nielsen,Rodney D | | | | | | | | | | |
| GF0612 | Comprehension SEEDING: Comprehension Through Self-Explanation Enhanced Discussion and Inquiry Generation | Research | 200 | U.S. Department of Education | Federal | PI | \$4,108 | 100% | \$4,108 | |
| GF1629 | SHW: Large: Collaborative Research: Companionbots For Proactive Therapeutic Dialog On Depression | Research | 200 | National Science Foundation | Federal | PI | \$13,083 | 100% | \$13,083 | |
| Totals for | | Nielsen,Rodney D | | | | | | | | \$17,191 |
| Takabi,Hassan | | | | | | | | | | |
| <i>Takabi, H., Co-PI; Bryce, R., PI; Computer Science & Engineering</i> | | | | | | | | | | |
| GF1707 | REU Site: Secure Software Testing for Web and Mobile Applications: Research Experience for Undergraduates | Research | 200 | National Science Foundation | Federal | Co-PI | \$16,594 | 50% | \$8,297 | |
| Totals for | | Takabi,Hassan | | | | | | | | \$8,297 |
| Tarau,Paul | | | | | | | | | | |
| GF1689 | SHF: Small: Application of Hereditarily Binary Numbers | Research | 200 | National Science Foundation | Federal | PI | \$5,694 | 100% | \$5,694 | |
| <i>Tarau, P., Co-PI; Caragea, C., PI; Computer Science & Engineering; Caragea, C., PI; Library & Information Sciences</i> | | | | | | | | | | |
| GF1703 | III: Small: Collaborative Research: Keyphrase Extraction in Document Networks | Research | 200 | National Science Foundation | Federal | Co-PI | \$9,663 | 30% | \$2,899 | |
| Totals for | | Tarau,Paul | | | | | | | | \$8,593 |
| Totals for | | Computer Science & Engineering | | | | | | | | \$169,132 |
| Electrical Engineering | | | | | | | | | | |
| Acevedo,Miguel F | | | | | | | | | | |
| <i>Acevedo, M., PI; Carranza, G., Co-PI; Electrical Engineering</i> | | | | | | | | | | |
| GF4254 | Global Research and Education Initiative on Sustainable Desalination Technology | Research | 200 | Institute of International Education | Federal | PI | \$2,562 | 50% | \$1,281 | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount |
|---|--|------------|-------------------------------|--------------------------------------|----------------|---------|----------------------|---------------|--------------------|
| GF4209 | The Emergence of Coupled Natural and Human Landscapes in the Western Mediterranean | Research | 200 | Arizona State University | Federal | PI | \$2,183 | 100% | \$2,183 |
| | | Totals for | Acevedo,Miguel F | | | | | | \$3,464 |
| Carranza,Gabriel | | | | | | | | | |
| <i>Carranza, G., Co-PI; Acevedo, M., PI; Electrical Engineering</i> | | | | | | | | | |
| GF4254 | Global Research and Education Initiative on Sustainable Desalination Technology | Research | 200 | Institute of International Education | Federal | Co-PI | \$2,562 | 50% | \$1,281 |
| | | Totals for | Carranza,Gabriel | | | | | | \$1,281 |
| Fu,Shengli | | | | | | | | | |
| <i>Fu, S., PI; Wan, Y., OPI; Electrical Engineering</i> | | | | | | | | | |
| GF1724 | EAGER: Aerial Communication Infrastructure for Smart Emergency Response | Research | 200 | National Science Foundation | Federal | PI | \$16,081 | 50% | \$8,041 |
| GP6380 | Design and Development of Portable Computing System | Research | 200 | Myth Innovations | Private | PI | -\$1,528 | 100% | (\$1,528) |
| | | Totals for | Fu,Shengli | | | | | | \$6,513 |
| Lin,Yuankun | | | | | | | | | |
| <i>Lin, Y., PI; Electrical Engineering; Lin, Y., PI; Physics</i> | | | | | | | | | |
| GF4228 | Low Threshold Lasing and Selective Sensing Devices Based on Organic Dyes Stabilized in Nanopores and Polymer Photonic Crystals | Research | 200 | University of Texas at San Antonio | Federal | PI | \$14,586 | 25% | \$3,646 |
| | | Totals for | Lin,Yuankun | | | | | | \$3,646 |
| Mehta,Gayatri | | | | | | | | | |
| GF1627 | SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures | Research | 200 | National Science Foundation | Federal | PI | \$10,815 | 100% | \$10,815 |
| GF1653 | SHF: Small: Harnessing Human Intelligence for Mapping on Custom Reconfigurable Architectures "REU-Supplement" | Research | 200 | National Science Foundation | Federal | PI | -\$66 | 100% | (\$66) |
| | | Totals for | Mehta,Gayatri | | | | | | \$10,749 |
| Namuduri,Kameswara Rao | | | | | | | | | |
| <i>Namuduri, K., PI; Wan, Y., Co-PI; Electrical Engineering</i> | | | | | | | | | |
| GF1698 | MobiHoc Workshop on "Airborne Networks and Communications | Research | 200 | National Science Foundation | Federal | PI | \$1,860 | 50% | \$930 |
| | | Totals for | Namuduri,Kameswara Rao | | | | | | \$930 |
| Wan,Yan | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount |
|--|--|------------|-------------------------------|---|----------------|---------|----------------------|---------------|--------------------|
| <i>Wan, Y., OPI; Fu, S., PI; Electrical Engineering</i> | | | | | | | | | |
| GF1724 | EAGER: Aerial Communication Infrastructure for Smart Emergency Response | Research | 200 | National Science Foundation | Federal | Co-PI | \$16,081 | 50% | \$8,041 |
| <i>Wan, Y., Co-PI; Namuduri, K., PI; Electrical Engineering</i> | | | | | | | | | |
| GF1698 | MobiHoc Workshop on "Airborne Networks and Communications | Research | 200 | National Science Foundation | Federal | Co-PI | \$1,860 | 50% | \$930 |
| GF1742 | CPS: TTP Option: Synergy: Collaborative Research: Threat-Assessment Tools for Management-Coupled Cyber - and Physical - Infrastructure | Research | 200 | National Science Foundation | Federal | PI | \$916 | 100% | \$916 |
| GF2668 | Run-Time Failure Detection and Control in Complex Information Systems | Research | 200 | National Institute of Standards and Technology | Federal | PI | \$4,025 | 100% | \$4,025 |
| GF1716 | CAREER: Communication and Control Co-design to Enable Aerial Networking in Uncertain Airspace Environment: Paradigm Shift From Ignorance and Constraints to Facilitators | Research | 200 | National Science Foundation | Federal | PI | \$1,373 | 100% | \$1,373 |
| | | Totals for | Wan,Yan | | | | | | \$15,285 |
| | | Totals for | Electrical Engineering | | | | | | \$41,868 |
| Engineering Technology | | | | | | | | | |
| Bostanci,Huseyin | | | | | | | | | |
| GS6041 | NPI-UNT Partnership on Nuclear Education Program and Systems Engineering Initiative Team | Research | 200 | Texas A & M Engineering Experiment Station | State | PI | \$6,081 | 100% | \$6,081 |
| | | Totals for | Bostanci,Huseyin | | | | | | \$6,081 |
| Kougianos,Elias | | | | | | | | | |
| <i>Kougianos, E., Co-PI; Engineering Technology; Mohanty, S., PI; Computer Science & Engineering</i> | | | | | | | | | |
| GF4262 | Low-Latency Embedded Vision Processor | Research | 200 | NanoWatt Design, Inc. | Federal | Co-PI | \$12,282 | 40% | \$4,913 |
| | | Totals for | Kougianos,Elias | | | | | | \$4,913 |
| Nasrazadani,Seifollah | | | | | | | | | |
| GP6379 | Development of New Accelerated Corrosion Test(s) for All-Aluminum Microchannel and Tube and Fin Heat Exchangers | Research | 200 | American Society of Heating, Refrigeration and Air-conditioning Engineers(ASHRAE) | Private | PI | \$6,876 | 100% | \$6,876 |
| | | Totals for | Nasrazadani,Seifollah | | | | | | \$6,876 |
| Yu,Cheng | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|---|--|------------|-------|-----------------------------------|----------------|--------|----------------------|---------------|--------------------|
| GF1559 | CAREER: Comprehensive Research on Cold-Formed Steel Sheathed Shear Walls: Special Detailing, Design, and Innovation | Research | 200 | National Science Foundation | Federal | PI | \$6,173 | 100% | \$6,173 |
| GF1722 | REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Sheer Walls Using Corrugated Steel Sheet Sheathing | Research | 200 | National Science Foundation | Federal | PI | -\$233 | 100% | (\$233) |
| GP20000 | Load Bearing Clip Angle Design - Phase 2 | Research | 200 | American Iron and Steel Institute | Private | PI | \$1,526 | 100% | \$1,526 |
| GF1702 | REU Supplement: Deflection Characteristics of Innovative Cold-Formed Steel Sheer Walls Using Corrugated Steel Sheet Sheathing | Research | 200 | National Science Foundation | Federal | PI | \$1,551 | 100% | \$1,551 |
| | | Totals for | | Yu,Cheng | | | | | \$9,016 |
| Zhang,Haifeng | | | | | | | | | |
| GF1662 | GOALI: Collaborative Research: Self-Powered Dual-Mode Piezoelectric Resonant Pressure/Temperature Sensors for Oil and Gas Field Explorations | Research | 200 | National Science Foundation | Federal | PI | \$3,272 | 100% | \$3,272 |
| GF4265 | Self-Powered Wireless Dual-Mode Langasite Sensor for Pressure / Temperature Monitoring of Nuclear Reactors | Research | 200 | Stony Brook University | Federal | PI | \$2,574 | 100% | \$2,574 |
| GF1729 | GOALI: Collaborative Research: Energy Harvesting Nanorods-Enhanced MEMS Temperature-Insensitive Gas Sensor For Combustion Monitoring And Control | Research | 200 | National Science Foundation | Federal | PI | \$14,012 | 100% | \$14,012 |
| | | Totals for | | Zhang,Haifeng | | | | | \$19,857 |
| | | Totals for | | Engineering Technology | | | | | \$46,743 |
| Engineering-Dean's Office | | | | | | | | | |
| Tsatsoulis,Constantinos | | | | | | | | | |
| <i>Tsatsoulis, C., Co-PI; Engineering-Dean's Office; Crutsinger, C., PI; Vice Provost Academic Affairs-Gen; John, K., Co-PI; Mechanical & Energy Engineering; Reidy III, R., Co-PI; M</i> | | | | | | | | | |
| GF4286 | Engaging Male Colleagues as Advocates & Allies for the Advancement of Women Faculty | Research | 200 | North Dakota State University | Federal | Co-PI | \$10,189 | 20% | \$2,038 |
| | | Totals for | | Tsatsoulis,Constantinos | | | | | \$2,038 |
| | | Totals for | | Engineering-Dean's Office | | | | | \$2,038 |
| Materials Science & Engineering | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount | |
|---|--|---------------------------------|-------|--|----------------|--------|----------------------|---------------|--------------------|-----------------|
| Aouadi,Samir M | | | | | | | | | | |
| <i>Aouadi, S., PI; Young, M., Co-PI; Materials Science & Engineering; Aouadi, S., PI; Physics</i> | | | | | | | | | | |
| GF1708 | REU Site: Advanced Processing and Materials Characterization | Research | 200 | National Science Foundation | Federal | PI | \$34,617 | 40% | \$13,847 | |
| Totals for | | Aouadi,Samir M | | | | | | | | \$13,847 |
| Banerjee,Rajarshi | | | | | | | | | | |
| GF2697 | Characterizing the Distribution of Immiscible Solute Additions in Nanocrystalline Metals and Alloys | Research | 200 | U.S. Army | Federal | PI | \$2,775 | 100% | \$2,775 | |
| GP10000 | Engineering Fine Scale Alpha-Precipitation for High Strength Beta-Ti Alloys and Effect of Grain Size and Precipitate Volume Fraction on Creep and Fatigue in Nickel Alloys | Research | 200 | Colorado School of Mines | Private | PI | \$1,830 | 100% | \$1,830 | |
| <i>Banerjee, R., PI; Srivilliputhur, S., Co-PI; Materials Science & Engineering</i> | | | | | | | | | | |
| GF1696 | DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering | Research | 200 | National Science Foundation | Federal | PI | \$10,750 | 50% | \$5,375 | |
| GF4290 | Integration of ICME with Legacy and Novel TMP Processing for Assured Properties in Large Titanium Structures (TMP 3a) | Research | 200 | American Lightweight Materials Manufacturing Innovation Institute (ALMMII) | Federal | PI | \$3,980 | 100% | \$3,980 | |
| GF4240 | DARPA Open Manufacturing: tiFAB - Phase II | Research | 200 | The Boeing Company | Federal | PI | \$23,555 | 100% | \$23,555 | |
| GF1670 | Non-Classical Precipitation Mechanisms in Titanium Alloys | Research | 200 | National Science Foundation | Federal | PI | \$5,850 | 100% | \$5,850 | |
| GF40004 | Development of Combinatorial Techniques for Accelerated Discovery of Novel Structural Alloys | Research | 200 | Universal Technology Corporation | Federal | PI | \$1,077 | 100% | \$1,077 | |
| Totals for | | Banerjee,Rajarshi | | | | | | | | \$44,441 |
| Brostow,Witold Konrad | | | | | | | | | | |
| GP00001 | Improved Coatings for Wires and Cables | Research | 200 | Encore Wire | Private | PI | \$22,418 | 100% | \$22,418 | |
| Totals for | | Brostow,Witold Konrad | | | | | | | | \$22,418 |
| Collins,Peter Chancellor | | | | | | | | | | |
| <i>Collins, P., Co-PI; Young, M., PI; Materials Science & Engineering</i> | | | | | | | | | | |
| GP6420 | Nanometer Resolved Deformation Mapping of Advanced Non-Ferrous Structural Alloys | Research | 200 | Forging Foundation | Private | Co-PI | -\$253 | 30% | (\$76) | |
| Totals for | | Collins,Peter Chancellor | | | | | | | | (\$76) |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|--|--|----------|-------|------------------------------------|----------------|--------|----------------------|---------------|--------------------|
| D'souza,Francis | | | | | | | | | |
| <i>D'souza, F., PI; Materials Science & Engineering; D'souza, F., PI; Chemistry</i> | | | | | | | | | |
| GF1692 | Light Harvesting Nanocarbon-Sensitizer Supramolecules | Research | 200 | National Science Foundation | Federal | PI | \$21,907 | 20% | \$4,381 |
| Totals for D'souza,Francis | | | | | | | | | \$4,381 |
| D'Souza,Nandika Anne | | | | | | | | | |
| <i>D'Souza, N., Co-PI; Materials Science & Engineering; Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher</i> | | | | | | | | | |
| GF1734 | Biosynthesis, Regulation and Engineering of C-Lignin | Research | 200 | National Science Foundation | Federal | Co-PI | \$10,398 | 2% | \$208 |
| <i>D'Souza, N., PI; Materials Science & Engineering; D'Souza, N., PI; Choi, T., Co-PI; Mechanical & Energy Engineering</i> | | | | | | | | | |
| GP6315 | Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials | Research | 200 | Semiconductor Research Corporation | Private | PI | \$4,029 | 10% | \$403 |
| Totals for D'Souza,Nandika Anne | | | | | | | | | \$611 |
| Du,Jincheng | | | | | | | | | |
| GF1593 | GOALI/Collaborative: Impact of Mixed Network Formers on the Research Structure and Properties of Oxide Glasses | Research | 200 | National Science Foundation | Federal | PI | \$5,878 | 100% | \$5,878 |
| <i>Du, J., Co-PI; Mishra, R., PI; Xia, Z., Co-PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry</i> | | | | | | | | | |
| GF4284 | Engineered Materials and Materials Designs of Engineered Materials (EMMDEM) | Research | 200 | Northeastern University | Federal | Co-PI | \$7,664 | 45% | \$3,449 |
| GF2675 | Molecular Dynamics-Based Simulations of Bulk/Interfacial Structures and Diffusion Behaviors in Nuclear Waste Glasses | Research | 200 | U.S. Department of Energy | Federal | PI | \$14,775 | 100% | \$14,775 |
| <i>Du, J., Co-PI; Shepherd, N., PI; Materials Science & Engineering</i> | | | | | | | | | |
| GF1630 | Workfunction Modification of ZnO Anodes for Second Generation OLEDs | Research | 200 | National Science Foundation | Federal | Co-PI | \$2,866 | 50% | \$1,433 |
| Totals for Du,Jincheng | | | | | | | | | \$25,535 |
| Mishra,Rajiv Sharan | | | | | | | | | |
| GP6448 | Membership Fees - IUCRC Friction Stir Processing | Research | 200 | Generic Pooled Sponsor | Private | PI | \$3,685 | 100% | \$3,685 |
| GF1715 | Collaborative Research: Friction Stir Processing of Metal Matrix Nanocomposites Fabricated by Semi-solid Processing | Research | 200 | National Science Foundation | Federal | PI | \$4,699 | 100% | \$4,699 |
| <i>Mishra, R., PI; Du, J., Co-PI; Xia, Z., Co-PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry</i> | | | | | | | | | |
| GF4284 | Engineered Materials and Materials Designs of Engineered Materials (EMMDEM) | Research | 200 | Northeastern University | Federal | PI | \$7,664 | 10% | \$766 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount |
|--|---|----------|-------|----------------------------------|----------------|---------|----------------------|---------------|--------------------|
| GF2698 | Development of Multi-Physics Based Hybrid Manufacturing for Unique Microstructures | Research | 200 | U.S. Army | Federal | PI | \$19,877 | 100% | \$19,877 |
| GF70003 | ARL Membership Fees | Research | 200 | Air Force Research Laboratory | Federal | PI | \$10,614 | 100% | \$10,614 |
| GF1688 | Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy | Research | 200 | National Science Foundation | Federal | PI | \$17,632 | 100% | \$17,632 |
| Totals for Mishra,Rajiv Sharan | | | | | | | | | \$57,272 |
| Reidy III,Richard F | | | | | | | | | |
| <i>Reidy III, R., Co-PI; Materials Science & Engineering; Crutsinger, C., PI; Vice Provost Academic Affairs-Gen; John, K., Co-PI; Mechanical & Energy Engineering; Tsatsoulis, C., Co-</i> | | | | | | | | | |
| GF4286 | Engaging Male Colleagues as Advocates & Allies for the Advancement of Women Faculty | Research | 200 | North Dakota State University | Federal | Co-PI | \$10,189 | 20% | \$2,038 |
| <i>Reidy III, R., Co-PI; Young, M., PI; Materials Science & Engineering</i> | | | | | | | | | |
| GP00006 | Characterization of Superconducting Thin Film Materials | Research | 200 | Superconductor Technologies Inc. | Private | Co-PI | \$1,174 | 25% | \$294 |
| GF4207 | Atomically Precise Fabrication of Qubit Devices | Research | 200 | Zyvex Labs, LLC | Federal | PI | \$1,864 | 100% | \$1,864 |
| Totals for Reidy III,Richard F | | | | | | | | | \$4,195 |
| Shepherd,Nigel Dexter | | | | | | | | | |
| <i>Shepherd, N., PI; Du, J., Co-PI; Materials Science & Engineering</i> | | | | | | | | | |
| GF1630 | Workfunction Modification of ZnO Anodes for Second Generation OLEDs | Research | 200 | National Science Foundation | Federal | PI | \$2,866 | 50% | \$1,433 |
| Totals for Shepherd,Nigel Dexter | | | | | | | | | \$1,433 |
| Srivilliputhur,Srinivasan G. | | | | | | | | | |
| <i>Srivilliputhur, S., Co-PI; Banerjee, R., PI; Materials Science & Engineering</i> | | | | | | | | | |
| GF1696 | DMERF: Collaborative Research: Accelerated Development of Next Generation of Ti Alloys Through Heterophase Interface Engineering | Research | 200 | National Science Foundation | Federal | Co-PI | \$10,750 | 50% | \$5,375 |
| Totals for Srivilliputhur,Srinivasan G. | | | | | | | | | \$5,375 |
| Xia,Zhenhai | | | | | | | | | |
| <i>Xia, Z., PI; Materials Science & Engineering; Xia, Z., PI; Chemistry</i> | | | | | | | | | |
| GF1659 | Collaborative Research: Multifunctional Nanocomposites with Reversible Switch and Controlled Release Surfaces | Research | 200 | National Science Foundation | Federal | PI | \$13,641 | 80% | \$10,913 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount | |
|--|--|--|-------|---|----------------|--------|----------------------|---------------|--------------------|------------------|
| <i>Xia, Z., Co-PI; Mishra, R., PI; Du, J., Co-PI; Materials Science & Engineering; Xia, Z., Co-PI; Chemistry</i> | | | | | | | | | | |
| GF4284 | Engineered Materials and Materials Designs of Engineered Materials (EMMDEM) | Research | 200 | Northeastern University | Federal | Co-PI | \$7,664 | 36% | \$2,759 | |
| <i>Xia, Z., PI; Materials Science & Engineering; Xia, Z., PI; Chemistry</i> | | | | | | | | | | |
| GF4147 | Nanofabrication of Tunable 3D Nanotube Architectures | Research | 200 | Case Western Reserve University | Federal | PI | \$2,750 | 80% | \$2,200 | |
| Totals for | | Xia,Zhenhai | | | | | | | | \$15,872 |
| Young,Marcus Lynn | | | | | | | | | | |
| GF70004 | Processing Studies on NiTi-based High Temperature Shape Memory Alloys | Research | 200 | National Aeronautics & Space Administration | Federal | PI | \$1,785 | 100% | \$1,785 | |
| GP6483 | Fundamental Studies On Precipitation And Transformation Temperatures In NiTiZr High Temperature Shape Memory Alloy | Research | 200 | Allegheny Technologies Inc. | Private | PI | \$230 | 100% | \$230 | |
| <i>Young, M., PI; Reidy III, R., Co-PI; Materials Science & Engineering</i> | | | | | | | | | | |
| GP00006 | Characterization of Superconducting Thin Film Materials | Research | 200 | Superconductor Technologies Inc. | Private | PI | \$1,174 | 75% | \$881 | |
| <i>Young, M., PI; Collins, P., Co-PI; Materials Science & Engineering</i> | | | | | | | | | | |
| GP6420 | Nanometer Resolved Deformation Mapping of Advanced Non-Ferrous Structural Alloys | Research | 200 | Forging Foundation | Private | PI | -\$253 | 70% | (\$177) | |
| GP00005 | Development and Characterization of High Temperature Shape Memory Alloys for Aerospace Actuation Devices | Research | 200 | Texas A&M University - College Station | Private | PI | \$6,861 | 100% | \$6,861 | |
| <i>Young, M., Co-PI; Aouadi, S., PI; Materials Science & Engineering; Aouadi, S., PI; Physics</i> | | | | | | | | | | |
| GF1708 | REU Site: Advanced Processing and Materials Characterization | Research | 200 | National Science Foundation | Federal | Co-PI | \$34,617 | 50% | \$17,308 | |
| Totals for | | Young,Marcus Lynn | | | | | | | | \$26,888 |
| Totals for | | Materials Science & Engineering | | | | | | | | \$222,193 |
| Mechanical & Energy Engineering | | | | | | | | | | |
| Choi,Tae-Youl | | | | | | | | | | |
| <i>Choi, T., Co-PI; D'Souza, N., PI; Mechanical & Energy Engineering; D'Souza, N., PI; Materials Science & Engineering</i> | | | | | | | | | | |
| GP6315 | Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials | Research | 200 | Semiconductor Research Corporation | Private | Co-PI | \$4,029 | 50% | \$2,015 | |
| Totals for | | Choi,Tae-Youl | | | | | | | | \$2,015 |
| D'Souza,Nandika Anne | | | | | | | | | | |
| <i>D'Souza, N., Co-PI; Mechanical & Energy Engineering; Dixon, R., PI; Azad, R., Co-PI; Chen, F., Co-PI; Biological Sciences; Azad, R., Co-PI; Mathematics; Boyd, R., Co-PI; Teacher</i> | | | | | | | | | | |
| GF1734 | Biosynthesis, Regulation and Engineering of C-Lignin | Research | 200 | National Science Foundation | Federal | Co-PI | \$10,398 | 8% | \$832 | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|--|---|------------|-------|--|----------------|--------|----------------------|---------------|--------------------|
| <i>D'Souza, N., PI; Choi, T., Co-PI; Mechanical & Energy Engineering; D'Souza, N., PI; Materials Science & Engineering</i> | | | | | | | | | |
| GP6315 | Boron Nitride Thermally Conductive High Temperature High Dielectric Strength Interface Materials | Research | 200 | Semiconductor Research Corporation | Private | PI | \$4,029 | 40% | \$1,612 |
| | | Totals for | | D'Souza,Nandika Anne | | | | | \$2,443 |
| John,Kuruvilla | | | | | | | | | |
| <i>John, K., Co-PI; Mechanical & Energy Engineering; Crutsinger, C., PI; Vice Provost Academic Affairs-Gen; Reidy III, R., Co-PI; Materials Science & Engineering; Tsatsoulis, C., Co-</i> | | | | | | | | | |
| GF4286 | Engaging Male Colleagues as Advocates & Allies for the Advancement of Women Faculty | Research | 200 | North Dakota State University | Federal | Co-PI | \$10,189 | 20% | \$2,038 |
| <i>John, K., Co-PI; Mechanical & Energy Engineering; Oppong, J., PI; Briggles, A., Co-PI; Philosophy & Religion Studies</i> | | | | | | | | | |
| GF1675 | Gaming Graduate Ethics Education in Science & Engineering | Research | 200 | National Science Foundation | Federal | Co-PI | \$7,478 | 10% | \$748 |
| | | Totals for | | John,Kuruvilla | | | | | \$2,786 |
| Shi,Sheldon Qiang | | | | | | | | | |
| GP6506 | Development of Natural Fiber Composite Pipe Products | Research | 200 | Zhejiang Xinzhou Bamboo Composites | Private | PI | \$1,484 | 100% | \$1,484 |
| | | Totals for | | Shi,Sheldon Qiang | | | | | \$1,484 |
| Tao,Yong Xin | | | | | | | | | |
| GF1667 | RCN-SEES: Predictive Modeling Network for Sustainable Human-Building Ecosystems (SHBE) | Research | 200 | National Science Foundation | Federal | PI | \$21,205 | 100% | \$21,205 |
| | | Totals for | | Tao,Yong Xin | | | | | \$21,205 |
| | | Totals for | | Mechanical & Energy Engineering | | | | | \$29,933 |
| | | Totals for | | College of Engineering | | | | | \$511,908 |
| College of Information Learning Technologies | | | | | | | | | |
| Christensen,Rhonda R | | | | | | | | | |
| <i>Christensen, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learning Technologies</i> | | | | | | | | | |
| GF1666 | Going Green! Middle Schoolers Out to Save the World (MSOSW) | Research | 200 | National Science Foundation | Federal | Co-PI | \$31,514 | 33% | \$10,400 |
| <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 | 200 | University of Hawaii | Private | Co-PI | \$7,738 | 33% | \$2,553 |
| <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 | 200 | National Science Foundation | Federal | Co-PI | \$6,733 | 33% | \$2,222 |
| | | Totals for | | Christensen,Rhonda R | | | | | \$15,175 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|---|---|----------|-------|-----------------------------|----------------|--------|----------------------|---------------|--------------------|
| Knezek,Gerald | | | | | | | | | |
| <i>Knezek, G., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learning Technologies</i> | | | | | | | | | |
| GF1666 | Going Green! Middle Schoolers Out to Save the World (MSOSW) | Research | 200 | National Science Foundation | Federal | PI | \$31,514 | 34% | \$10,715 |
| <i>Knezek, G., PI; Christensen, R., Co-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 | 200 | University of Hawaii | Private | PI | \$7,738 | 34% | \$2,631 |
| <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 | 200 | National Science Foundation | Federal | Co-PI | \$6,733 | 33% | \$2,222 |
| Totals for Knezek,Gerald | | | | | | | | | \$15,567 |
| Spector,Jonathan Michael | | | | | | | | | |
| GF30003 | Building Cyberlearning Research Programs: An Early Career Workshop | Research | 200 | National Science Foundation | Federal | PI | \$2,175 | 100% | \$2,175 |
| Totals for Spector,Jonathan Michael | | | | | | | | | \$2,175 |
| Tyler-Wood,Tandra L | | | | | | | | | |
| <i>Tyler-Wood, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learning Technologies</i> | | | | | | | | | |
| GP6405 | Research and Evaluation for Hawaii FIRST (Fostering Inspiration and Relevance through Science and Technology) | Research | 200 | University of Hawaii | Private | Co-PI | \$7,738 | 33% | \$2,553 |
| <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 | 200 | National Science Foundation | Federal | Co-PI | \$31,514 | 33% | \$10,400 |
| <i>Tyler-Wood, T., PI; Christensen, R., Co-PI; Knezek, G., Co-PI; Learning Technologies</i> | | | | | | | | | |
| GF1727 | Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions | Research | 200 | National Science Foundation | Federal | PI | \$6,733 | 34% | \$2,289 |
| Totals for Tyler-Wood,Tandra L | | | | | | | | | \$15,242 |
| Totals for Learning Technologies | | | | | | | | | \$48,159 |

Library & Information Sciences

Caragea,Cornelia Alexandra

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

| | | | | | | | | | |
|--------|---|----------|-----|-------------------------------|---------|----|---------|-----|-------|
| GF4283 | CRISP Type 2: Collaborative Research: Resilience Analytics: A Data-Driven Approach for Enhanced Interdependent Network Resilience | Research | 200 | Pennsylvania State University | Federal | PI | \$1,622 | 20% | \$324 |
|--------|---|----------|-----|-------------------------------|---------|----|---------|-----|-------|

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount |
|---|--|---|-------|--|----------------|---------|----------------------|---------------|--------------------|
| <i>Caragea, C., PI; Library & Information Sciences; Caragea, C., PI; Computer Science & Engineering</i> | | | | | | | | | |
| GF1700 | TWC: Small: Collaborative: Towards Privacy Preserving Online Image Sharing | Research | 200 | National Science Foundation | Federal | PI | \$13,408 | 20% | \$2,682 |
| <i>Caragea, C., PI; Library & Information Sciences; Caragea, C., PI; Tarau, P., Co-PI; Computer Science & Engineering</i> | | | | | | | | | |
| GF1703 | III: Small: Collaborative Research: Keyphrase Extraction in Document Networks | Research | 200 | National Science Foundation | Federal | PI | \$9,663 | 14% | \$1,353 |
| Totals for | | Caragea,Cornelia Alexandra | | | | | | | \$4,359 |
| Chen,Jiangping | | | | | | | | | |
| GF2670 | National Leadership Grant 2013: Effective and Efficient Multilingual Information Access to Digital Collections | Research | 200 | Institute of Museum and Library Services | Federal | PI | \$12,324 | 100% | \$12,324 |
| Totals for | | Chen,Jiangping | | | | | | | \$12,324 |
| West,Ruth | | | | | | | | | |
| <i>West, R., PI; Library & Information Sciences; West, R., PI; Studio Art</i> | | | | | | | | | |
| GF1658 | CGV: Medium: Collaborative Research: Developing Conceptual Models for Navigation, Marking, and Inspection in the Context of 3D Image Segmentation" | Research | 200 | National Science Foundation | Federal | PI | \$4,323 | 60% | \$2,594 |
| Totals for | | West,Ruth | | | | | | | \$2,594 |
| Totals for | | Library & Information Sciences | | | | | | | \$19,277 |
| Linguistics | | | | | | | | | |
| Chelliah,Shobhana L | | | | | | | | | |
| GF1613 | Lamkang Lexical Database and Online Dictionary (LMK) | Research | 200 | National Science Foundation | Federal | PI | \$6,556 | 100% | \$6,556 |
| Totals for | | Chelliah,Shobhana L | | | | | | | \$6,556 |
| Munshi,Sadaf | | | | | | | | | |
| GF1541 | Archive of Annotated Burushaski Texts | Research | 200 | National Science Foundation | Federal | PI | \$1,284 | 100% | \$1,284 |
| Totals for | | Munshi,Sadaf | | | | | | | \$1,284 |
| Totals for | | Linguistics | | | | | | | \$7,840 |
| Totals for | | College of Information | | | | | | | \$75,276 |
| College of Public Affairs & Community Service | | | | | | | | | |
| Disability & Addiction Rehabilitation | | | | | | | | | |
| Brooks,Jessica Marie | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount |
|---|--|------------|--|-----------------------------------|----------------|---------|----------------------|---------------|--------------------|
| GP6473 | Self-Determination, Vocational Rehabilitation Engagement and Recovery from Consumers' Perspective: A Mixed-Methods Study | Research | 200 | Hogg Foundation for Mental Health | Private | PI | \$4,169 | 100% | \$4,169 |
| | | Totals for | Brooks,Jessica Marie | | | | | | \$4,169 |
| | | Totals for | Disability & Addiction Rehabilitation | | | | | | \$4,169 |
| Public Administration | | | | | | | | | |
| Benavides,Abraham David | | | | | | | | | |
| <i>Benavides, A., PI; McEntire, D., Co-PI; Public Admin</i> | | | | | | | | | |
| GF1713 | RAPID: Spontaneous Planning, Governance Structure, and a Public Health Emergency: Ebola in Dallas Texas | Research | 200 | National Science Foundation | Federal | PI | \$847 | 50% | \$424 |
| | | Totals for | Benavides,Abraham David | | | | | | \$424 |
| Dash,Nicole | | | | | | | | | |
| <i>Dash, N., Co-PI; Webb, G., PI; Public Admin</i> | | | | | | | | | |
| GF1693 | An Exploratory Study of Disaster Preparedness among Native American Communities in the United States | Research | 200 | National Science Foundation | Federal | Co-PI | \$7,511 | 50% | \$3,755 |
| | | Totals for | Dash,Nicole | | | | | | \$3,755 |
| McEntire,David A | | | | | | | | | |
| <i>McEntire, D., Co-PI; Benavides, A., PI; Public Admin</i> | | | | | | | | | |
| GF1713 | RAPID: Spontaneous Planning, Governance Structure, and a Public Health Emergency: Ebola in Dallas Texas | Research | 200 | National Science Foundation | Federal | Co-PI | \$847 | 50% | \$424 |
| | | Totals for | McEntire,David A | | | | | | \$424 |
| Webb,Gary R | | | | | | | | | |
| <i>Webb, G., PI; Dash, N., Co-PI; Public Admin</i> | | | | | | | | | |
| GF1693 | An Exploratory Study of Disaster Preparedness among Native American Communities in the United States | Research | 200 | National Science Foundation | Federal | PI | \$7,511 | 50% | \$3,755 |
| | | Totals for | Webb,Gary R | | | | | | \$3,755 |
| | | Totals for | Public Administration | | | | | | \$8,358 |
| Speech & Hearing Sciences | | | | | | | | | |
| Amlani,Amy M | | | | | | | | | |
| GP6454 | Perceptual Segmentation Study | Research | 200 | Unitron | Private | PI | \$750 | 100% | \$750 |
| GP6495 | Willingness-to-Pay and Real-Ear Verification | Research | 200 | Audioscan | Private | PI | \$3,944 | 100% | \$3,944 |
| | | Totals for | Amlani,Amy M | | | | | | \$4,694 |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/ Co- | Expended This Period | Recognition % | Recognition Amount | |
|---|--|------------|--|------------------------------|----------------|---------|----------------------|---------------|--------------------|-----------------|
| | | Totals for | Speech & Hearing Sciences | | | | | | | \$4,694 |
| | | Totals for | College of Public Affairs & Community Service | | | | | | | \$17,221 |
| College of Visual Arts And Design | | | | | | | | | | |
| <i>Studio Art</i> | | | | | | | | | | |
| West,Ruth | | | | | | | | | | |
| <i>West, R., PI; Studio Art; West, R., PI; Library & Information Sciences</i> | | | | | | | | | | |
| GF1658 | CGV: Medium: Collaborative Research: Developing Conceptual Models for Navigation, Marking, and Inspection in the Context of 3D Image Segmentation" | Research | 200 | National Science Foundation | Federal | PI | \$4,323 | 40% | \$1,729 | |
| | | Totals for | West,Ruth | | | | | | | \$1,729 |
| | | Totals for | Studio Art | | | | | | | \$1,729 |
| | | Totals for | College of Visual Arts And Design | | | | | | | \$1,729 |
| Student Engagement | | | | | | | | | | |
| <i>TRIO Center for Student Development</i> | | | | | | | | | | |
| Dean,Karen Rawlings | | | | | | | | | | |
| GF0607 | HEB Talent Search | Research | 200 | U.S. Department of Education | Federal | PI | \$249 | 100% | \$249 | |
| | | Totals for | Dean,Karen Rawlings | | | | | | | \$249 |
| Maloney,Beverly Ann | | | | | | | | | | |
| GF0608 | UNT Talent Search | Research | 200 | U.S. Department of Education | Federal | PI | \$1,362 | 100% | \$1,362 | |
| | | Totals for | Maloney,Beverly Ann | | | | | | | \$1,362 |
| Nelson,Tori Lynn | | | | | | | | | | |
| GF0611 | University of North Texas Upward Bound | Research | 200 | U.S. Department of Education | Federal | PI | \$857 | 100% | \$857 | |
| | | Totals for | Nelson,Tori Lynn | | | | | | | \$857 |
| Strong,Anne | | | | | | | | | | |
| GF0615 | University of North Texas Upward Bound Math and Science Program | Research | 200 | U.S. Department of Education | Federal | PI | \$380 | 100% | \$380 | |
| | | Totals for | Strong,Anne | | | | | | | \$380 |
| | | Totals for | TRIO Center for Student Development | | | | | | | \$2,848 |
| | | Totals for | Student Engagement | | | | | | | \$2,848 |
| Toulouse Grad School | | | | | | | | | | |

| Project ID | Title | Category | Class | Sponsor | Funding Source | PI/Co- | Expended This Period | Recognition % | Recognition Amount |
|--|---|---|-------|-------------------------------|----------------|--------|----------------------|---------------|--------------------|
| Toulouse Graduate School-Dean's Office | | | | | | | | | |
| Oppong,Joseph R | | | | | | | | | |
| GF1723 | NSF Graduate Research Fellowship-Natalie Parde | Research | 200 | National Science Foundation | Federal | PI | \$12,605 | 100% | \$12,605 |
| GF1725 | NSF Graduate Research Fellowship-Kate Lester | Research | 200 | National Science Foundation | Federal | PI | \$8,500 | 100% | \$8,500 |
| GF1632 | Graduate Research Fellowship Award for Jody Huddleston | Research | 200 | National Science Foundation | Federal | PI | \$508 | 100% | \$508 |
| GF1633 | Graduate Research Fellowship Award for Jessica Rimsza | Research | 200 | National Science Foundation | Federal | PI | \$1,809 | 100% | \$1,809 |
| Totals for | | Oppong,Joseph R | | | | | | | \$23,421 |
| Totals for | | Toulouse Graduate School-Dean's Office | | | | | | | \$23,421 |
| Totals for | | Toulouse Grad School | | | | | | | \$23,421 |
| University Library | | | | | | | | | |
| University Library-Gen | | | | | | | | | |
| Phillips,Mark Edward | | | | | | | | | |
| GF4071 | New Mexico Digital Newspaper Project | Research | 200 | University of New Mexico | Federal | PI | \$1,444 | 100% | \$1,444 |
| Totals for | | Phillips,Mark Edward | | | | | | | \$1,444 |
| Totals for | | University Library-Gen | | | | | | | \$1,444 |
| Totals for | | University Library | | | | | | | \$1,444 |
| Vice Provost Academic Affairs | | | | | | | | | |
| Vice Provost Academic Affairs-Gen | | | | | | | | | |
| Crutsinger,Christy Ann | | | | | | | | | |
| <i>Crutsinger, C., PI; Vice Provost Academic Affairs-Gen; John, K., Co-PI; Mechanical & Energy Engineering; Reidy III, R., Co-PI; Materials Science & Engineering; Tsatsoulis, C., Co-</i> | | | | | | | | | |
| GF4286 | Engaging Male Colleagues as Advocates & Allies for the Advancement of Women Faculty | Research | 200 | North Dakota State University | Federal | PI | \$10,189 | 40% | \$4,076 |
| Totals for | | Crutsinger,Christy Ann | | | | | | | \$4,076 |
| Totals for | | Vice Provost Academic Affairs-Gen | | | | | | | \$4,076 |
| Totals for | | Vice Provost Academic Affairs | | | | | | | \$4,076 |
| Totals for | | UNT | | | | | | | \$1,525,601 |
| Total for | | July FY2016: | | | | | | | \$1,525,601 |