

**Monthly Proposals Report for December 2023**  
**Office of Grants and Contracts, University of North Texas**

| <b>Proposals Total by College</b>                      | <b>December 2022</b> | <b>December 2023</b> | <b>YTD FY2023</b>    | <b>YTD FY2024</b>     |
|--|----------------------|----------------------|----------------------|-----------------------|
| College of Education                                   | \$ 1,460,834         | \$ 345,082           | \$ 8,486,876         | \$ 6,423,758          |
| College of Engineering                                 | \$ 6,883,156         | \$ 8,841,550         | \$ 33,560,015        | \$ 46,347,561         |
| College of Health & Public Service                     | \$ 749,992           | \$ 340,868           | \$ 5,866,266         | \$ 4,402,634          |
| College of Information                                 | \$ 15,000            | \$ 289,022           | \$ 3,903,505         | \$ 6,372,335          |
| College of Liberal Arts & Social Sciences <sup>3</sup> | \$ 322,445           | \$ 369,228           | \$ 6,060,830         | \$ 9,835,498          |
| College of Merchandising Hospitality and Tourism       | \$ 2,897,129         | \$ 4,851,072         | \$ 2,897,129         | \$ 273,863            |
| College of Science                                     | \$ 3,818,052         | \$ -                 | \$ 21,699,699        | \$ 35,449,540         |
| College of Visual Arts and Design                      | \$ 25,000            | \$ -                 | \$ 220,000           | \$ 124,234            |
| College of Music                                       | \$ -                 | \$ -                 | \$ -                 | \$ -                  |
| Ryan College of Business                               | \$ 269,745           | \$ -                 | \$ 880,810           | \$ 3,777,099          |
| Other <sup>1</sup>                                     | \$ 315,047           | \$ 46,069            | \$ 1,529,854         | \$ 1,809,601          |
| <b>Grand Total:</b>                                    | <b>\$ 16,756,400</b> | <b>\$ 15,082,890</b> | <b>\$ 85,104,984</b> | <b>\$ 114,816,123</b> |

| <b>Proposals Total by Category</b>     | <b>December 2022</b> | <b>December 2023</b> | <b>YTD FY2023</b>    | <b>YTD FY2024</b>     |
|--|----------------------|----------------------|----------------------|-----------------------|
| Instruction                            | \$ 4,999,945         | \$ -                 | \$ 8,473,435         | \$ 1,100              |
| Public Service                         | \$ -                 | \$ -                 | \$ 1,564,292         | \$ 10,000             |
| Research (Applied, Basic, Development) | \$ 11,752,705        | \$ 15,079,890        | \$ 73,537,402        | \$ 114,506,373        |
| Other <sup>2</sup>                     | \$ 3,750             | \$ 3,000             | \$ 1,529,855         | \$ 298,650            |
| <b>Grand Total:</b>                    | <b>\$ 16,756,400</b> | <b>\$ 15,082,890</b> | <b>\$ 85,104,984</b> | <b>\$ 114,816,123</b> |

| <b>Proposals Total by Source of Funding</b> | <b>December 2022</b> | <b>December 2023</b> | <b>YTD FY2023</b>    | <b>YTD FY2024</b>     |
|---|----------------------|----------------------|----------------------|-----------------------|
| Federal                                     | \$ 13,551,412        | \$ 12,975,951        | \$ 75,422,297        | \$ 106,691,860        |
| Private                                     | \$ 3,204,988         | \$ 2,079,235         | \$ 9,126,356         | \$ 7,696,559          |
| State                                       | \$ -                 | \$ 27,704            | \$ 556,331           | \$ 427,704            |
| <b>Grand Total:</b>                         | <b>\$ 16,756,400</b> | <b>\$ 15,082,890</b> | <b>\$ 85,104,984</b> | <b>\$ 114,816,123</b> |

**Notes:**

- 1 Other includes UNT Libraries, Vice Provost for Academic Outreach, International Affairs, Student Engagement, Police Services, University Information Service, and Research & Innovation
- 2 Other includes Career, Conference, Equipment, Fellowship, Infrastructure/Facilities, Student Support, Travel, and Training
- 3 "CLASS" includes Mayborn School of Journalism departments as of 09/01/2019

*Special Note:*

*In detailed proposal data, PI is the Cayuse SP named Lead Principal Investigator and Co-PI is any Cayuse SP named Principal Investigator. Recognition in the detailed proposal data is distributed from the Allocation of Credit as entered in Cayuse SP.*

# Proposals, December FY2024

| File Number                               | Title   | Category       | Sponsor                                   | Sponsor Type              | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|---|---|----------------|---|---------------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
| <i>UNT</i>                                |   |                |   |                           |            |            |                   |           |               |                     |                        |
| <i>College of Education</i>               |   |                |   |                           |            |            |                   |           |               |                     |                        |
| <i>Counseling &amp; Higher Education</i>  |   |                |   |                           |            |            |                   |           |               |                     |                        |
| <b>Ro, Hyun Kyoung</b>                    |   |                |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001256<br>New                         | Developing and Testing Community Cultural Wealth Scales for Racially Minoritized College Students: QuantCrit Perspectives   | Research-Basic | Spencer Foundation                        | Foundation/Not For Profit | PI         | 7/1/2024   | 2                 | 0.00%     | 100           | \$49,996            | Pending Sponsor Review |
|   |   | Totals for     | <b>Ro, Hyun Kyoung</b>                    |                           |            |            |                   |           |               | <b>\$49,996</b>     |                        |
|   |   | Totals for     | <b>Counseling &amp; Higher Education</b>  |                           |            |            |                   |           |               | <b>\$49,996</b>     |                        |
| <i>Educational Psychology</i>             |   |                |   |                           |            |            |                   |           |               |                     |                        |
| <b>Hodges, Jaret</b>                      |   |                |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001285<br>New                         | State of the States Report  | Research-Basic | National Association for Gifted Children  | Foundation/Not For Profit | PI         | 1/1/2024   | 1                 | 0.00%     | 100           | \$15,500            | Pending Sponsor Review |
|   |   | Totals for     | <b>Hodges, Jaret</b>                      |                           |            |            |                   |           |               | <b>\$15,500</b>     |                        |
|   |   | Totals for     | <b>Educational Psychology</b>             |                           |            |            |                   |           |               | <b>\$15,500</b>     |                        |
| <i>Kinesiology, Hlth Promo, &amp; Rec</i> |   |                |   |                           |            |            |                   |           |               |                     |                        |
| <b>Deemer, Sarah</b>                      |   |                |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001245<br>New                         | New Insights into Inflammation, Obesity, and Metabolic Health: Identifying Relationships Between Specialized Pro-Resolving Lipid Mediators (SPMs) and Epigenetic Markers of Obesity | Research-Basic | Pennington Biomedical Research Foundatio  | Foundation/Not For Profit | PI         | 4/19/2024  | 1                 | 48.50%    | 100           | \$49,970            | Pending Sponsor Review |
|   |   | Totals for     | <b>Deemer, Sarah</b>                      |                           |            |            |                   |           |               | <b>\$49,970</b>     |                        |
|   |   | Totals for     | <b>Kinesiology, Hlth Promo, &amp; Rec</b> |                           |            |            |                   |           |               | <b>\$49,970</b>     |                        |

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

***Teacher Education & Admin***

**Edwards, Wesley**

|                |  |                |   |                           |    |          |   |        |     |           |                        |
|----------------|--|----------------|---|---------------------------|----|----------|---|--------|-----|-----------|------------------------|
| GFP0001266 New | Are Early College High Schools the Path Forward for Dual Enrollment? A Longitudinal Investigation of Students' Postsecondary and Workforce Outcomes in Texas | Research-Basic | Rodel Charitable Foundation of Delaware | Foundation/Not For Profit | PI | 3/1/2024 | 2 | 48.50% | 100 | \$179,643 | Pending Sponsor Review |
|----------------|--|----------------|---|---------------------------|----|----------|---|--------|-----|-----------|------------------------|

Totals for **Edwards, Wesley** **\$179,643**

**Subramaniam, Karthigeyan**

|                |  |                |                    |                           |    |           |     |       |     |          |                        |
|----------------|--|----------------|--------------------|---------------------------|----|-----------|-----|-------|-----|----------|------------------------|
| GFP0001258 New | Latino Teachers' Counternarratives towards Macro and Micro-Forms of Oppression: Affirming to be Effective Teachers in Elementary Schools | Research-Basic | Spencer Foundation | Foundation/Not For Profit | PI | 8/19/2024 | 1.9 | 0.00% | 100 | \$49,973 | Pending Sponsor Review |
|----------------|--|----------------|--------------------|---------------------------|----|-----------|-----|-------|-----|----------|------------------------|

Totals for **Subramaniam, Karthigeyan** **\$49,973**

Totals for **Teacher Education & Admin** **\$229,616**

Totals for **College of Education** **\$345,082**

***College of Engineering***

***Biomedical Engineering***

**Yang, Huaxiao**

|                |   |                  |                                   |                           |    |          |   |        |     |           |                        |
|----------------|---|------------------|-----------------------------------|---------------------------|----|----------|---|--------|-----|-----------|------------------------|
| GFP0001323 New | An in vivo-like biomaterial biosafety assessment system | Research-Applied | Gordon and Betty Moore Foundation | Foundation/Not For Profit | PI | 6/1/2024 | 3 | 12.50% | 100 | \$675,000 | Pending Sponsor Review |
|----------------|---|------------------|-----------------------------------|---------------------------|----|----------|---|--------|-----|-----------|------------------------|

Totals for **Yang, Huaxiao** **\$675,000**

Totals for **Biomedical Engineering** **\$675,000**

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

**Computer Science & Engineering**

**Bhowmick, Sanjukta**

*Bhowmick,S.,PI; Bozdag,S.,CoPI; Computer Science & Engineering; Bozdag,S.,CoPI; Mathematics*

|                   |  |                |                             |         |    |          |   |        |    |             |                        |
|-------------------|--|----------------|-----------------------------|---------|----|----------|---|--------|----|-------------|------------------------|
| GFP0001275<br>New | Collaborative Research: Frameworks: CSSI: CHAI: Cyberinfrastructure for Hypergraph-based Analysis and Innovation | Research-Basic | National Science Foundation | Federal | PI | 7/1/2024 | 5 | 48.50% | 70 | \$1,713,434 | Pending Sponsor Review |
|-------------------|--|----------------|-----------------------------|---------|----|----------|---|--------|----|-------------|------------------------|

Totals for **Bhowmick, Sanjukta** **\$1,713,434**

**Bozdag, Serdar**

*Bozdag,S.,CoPI; Bhowmick,S.,PI; Computer Science & Engineering; Bozdag,S.,CoPI; Mathematics*

|                   |  |                |                             |         |       |          |   |        |    |           |                        |
|-------------------|--|----------------|-----------------------------|---------|-------|----------|---|--------|----|-----------|------------------------|
| GFP0001275<br>New | Collaborative Research: Frameworks: CSSI: CHAI: Cyberinfrastructure for Hypergraph-based Analysis and Innovation | Research-Basic | National Science Foundation | Federal | Co-PI | 7/1/2024 | 5 | 48.50% | 18 | \$440,597 | Pending Sponsor Review |
|-------------------|--|----------------|-----------------------------|---------|-------|----------|---|--------|----|-----------|------------------------|

Totals for **Bozdag, Serdar** **\$440,597**

**Feng, Yunhe**

|                   |   |                |                                   |                      |    |          |     |        |     |          |                        |
|-------------------|---|----------------|-----------------------------------|----------------------|----|----------|-----|--------|-----|----------|------------------------|
| GFP0001303<br>New | Machine Learning for Autonomous Weld Quality Monitoring | Research-Basic | Oak Ridge National Laboratory DOE | Federal Flow-through | PI | 2/1/2024 | 0.5 | 48.50% | 100 | \$15,000 | Pending Sponsor Review |
|-------------------|---|----------------|-----------------------------------|----------------------|----|----------|-----|--------|-----|----------|------------------------|

Totals for **Feng, Yunhe** **\$15,000**

**Fu, Song**

*Fu,S.,CoPI; Computer Science & Engineering; Liu,J.,PI; Mathematics*

|                   |  |                |                             |         |       |          |   |        |    |           |                        |
|-------------------|--|----------------|-----------------------------|---------|-------|----------|---|--------|----|-----------|------------------------|
| GFP0001328<br>New | NSF-DST: RI: HCC: Small: MindMentor: AI-based Framework for Empowering Youth Mental Health with Psychological Counseling | Research-Basic | National Science Foundation | Federal | Co-PI | 7/1/2024 | 3 | 48.50% | 50 | \$299,772 | Pending Sponsor Review |
|-------------------|--|----------------|-----------------------------|---------|-------|----------|---|--------|----|-----------|------------------------|

Totals for **Fu, Song** **\$299,772**

| File Number  | Title  | Category         | Sponsor                     | Sponsor Type              | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|--|--|------------------|-----------------------------|---------------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
| <b>Guo, Xuan</b>   |  |                  |                             |                           |            |            |                   |           |               |                     |                        |
| GFP0001289<br>New  | Collaborative Research: RUI: Machine Learning-Enhanced Peptide and Protein Identification                              | Research-Basic   | National Science Foundation | Federal                   | PI         | 6/1/2024   | 3                 | 48.50%    | 100           | \$355,892           | Pending Sponsor Review |
|  |  | Totals for       | <b>Guo, Xuan</b>            |                           |            |            |                   |           |               | <b>\$355,892</b>    |                        |
| <b>Ji, Yuede</b>   |  |                  |                             |                           |            |            |                   |           |               |                     |                        |
| GFP0001083<br>New  | Collaborative Research: SaTC: CORE: Medium: Explainable Graph Learning for Software Security: Methods and Applications | Research-Applied | National Science Foundation | Federal                   | PI         | 10/1/2024  | 4                 | 48.50%    | 100           | \$400,000           | Pending Sponsor Review |
|  |  | Totals for       | <b>Ji, Yuede</b>            |                           |            |            |                   |           |               | <b>\$400,000</b>    |                        |
| <b>Keathly, David</b>  |  |                  |                             |                           |            |            |                   |           |               |                     |                        |
| <i>Keathly,D.,CoPI; Ludi,S.,PI; Computer Science &amp; Engineering</i> |  |                  |                             |                           |            |            |                   |           |               |                     |                        |
| GFP0001294<br>New  | CIC Transfer Pathway Project   | Research-Applied | Northeastern University     | Foundation/Not For Profit | Co-PI      | 6/1/2024   | 3                 | 15.00%    | 50            | \$232,836           | Pending Sponsor Review |
|  |  | Totals for       | <b>Keathly, David</b>       |                           |            |            |                   |           |               | <b>\$232,836</b>    |                        |
| <b>Ludi, Stephanie</b>   |  |                  |                             |                           |            |            |                   |           |               |                     |                        |
| <i>Ludi,S.,PI; Keathly,D.,CoPI; Computer Science &amp; Engineering</i> |  |                  |                             |                           |            |            |                   |           |               |                     |                        |
| GFP0001294<br>New  | CIC Transfer Pathway Project   | Research-Applied | Northeastern University     | Foundation/Not For Profit | PI         | 6/1/2024   | 3                 | 15.00%    | 50            | \$232,836           | Pending Sponsor Review |
|  |  | Totals for       | <b>Ludi, Stephanie</b>      |                           |            |            |                   |           |               | <b>\$232,836</b>    |                        |
| <b>Shu, Tong</b>   |  |                  |                             |                           |            |            |                   |           |               |                     |                        |
| GFP0001269<br>New  | Elements: Hardware-Aware Neural Architecture Search Cyberinfrastructure for Real-Time Data Analysis                    | Research-Basic   | National Science Foundation | Federal                   | PI         | 6/1/2024   | 3                 | 48.50%    | 100           | \$600,000           | Pending Sponsor Review |
|  |  | Totals for       | <b>Shu, Tong</b>            |                           |            |            |                   |           |               | <b>\$600,000</b>    |                        |

| File Number   | Title                     | Category   | Sponsor                                   | Sponsor Type         | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                |
|---|---------------------------|------------|---|----------------------|------------|------------|-------------------|-----------|---------------|---------------------|-----------------------|
| <b>Xiao, Ting</b>   |                           |            |   |                      |            |            |                   |           |               |                     |                       |
| <i>Xiao, T., CoPI; Computer Science &amp; Engineering; Malarvizhi kumar, P., PI; Kaboutari, S., CoPI; Xiao, T., CoPI; Korani, W., CoPI; Information Science; Norris, C., CoPI; Information-Dean's Off</i> |                           |            |   |                      |            |            |                   |           |               |                     |                       |
| GFP0001306<br>New   | CyBR-MSI: IRR (COHORT II) | Other      | American Society for Engineering Educati  | Federal Flow-through | Co-PI      | 1/1/2024   | 0.6               | 0.00%     | 2             | \$60                | JIT Response Required |
|   |                           | Totals for | <b>Xiao, Ting</b>                         |                      |            |            |                   |           |               | <b>\$60</b>         |                       |
|   |                           | Totals for | <b>Computer Science &amp; Engineering</b> |                      |            |            |                   |           |               | <b>\$4,290,426</b>  |                       |

### Electrical Engineering

#### Bailey, Colleen

*Bailey, C., PI; Namuduri, K., CoPI; Electrical Engineering*

|                   |   |                  |                                     |       |    |          |   |        |    |                  |                        |
|-------------------|---|------------------|-------------------------------------|-------|----|----------|---|--------|----|------------------|------------------------|
| GFP0001001<br>New | NTCMT 1-2022, Advanced Air Mobility/Urban Air Mobility System Within the Dallas-Fort Worth Metroplex (NTXAAMPP) | Research-Applied | North Central Texas Council of Govt | Local | PI | 1/1/2024 | 2 | 48.50% | 50 | \$165,000        | Pending Sponsor Review |
|                   |   | Totals for       | <b>Bailey, Colleen</b>              |       |    |          |   |        |    | <b>\$165,000</b> |                        |

#### Namuduri, Kameswara Rao

*Namuduri, K., CoPI; Bailey, C., PI; Electrical Engineering*

|                   |   |                  |                                     |       |       |          |   |        |    |                  |                        |
|-------------------|---|------------------|-------------------------------------|-------|-------|----------|---|--------|----|------------------|------------------------|
| GFP0001001<br>New | NTCMT 1-2022, Advanced Air Mobility/Urban Air Mobility System Within the Dallas-Fort Worth Metroplex (NTXAAMPP) | Research-Applied | North Central Texas Council of Govt | Local | Co-PI | 1/1/2024 | 2 | 48.50% | 50 | \$165,000        | Pending Sponsor Review |
|                   |   | Totals for       | <b>Namuduri, Kameswara Rao</b>      |       |       |          |   |        |    | <b>\$165,000</b> |                        |
|                   |   | Totals for       | <b>Electrical Engineering</b>       |       |       |          |   |        |    | <b>\$330,000</b> |                        |

### Materials Science & Engineer

#### Agrawal, Priyanka

*Agrawal, P., CoPI; Mishra, R., PI; Materials Science & Engineer*

|                   |   |                |                           |         |       |          |   |        |    |                  |                        |
|-------------------|---|----------------|---------------------------|---------|-------|----------|---|--------|----|------------------|------------------------|
| GFP0001280<br>New | Optimizing FeCrAl with Ni using Friction stir gradient alloying and SolidStir Extrusion | Research-Basic | U.S. Department of Energy | Federal | Co-PI | 8/1/2024 | 3 | 48.50% | 50 | \$550,000        | Pending Sponsor Review |
|                   |   | Totals for     | <b>Agrawal, Priyanka</b>  |         |       |          |   |        |    | <b>\$550,000</b> |                        |

| File Number  | Title  | Category         | Sponsor                                 | Sponsor Type         | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|--|--|------------------|---|----------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
| <b>Berman, Diana</b>   |  |                  |   |                      |            |            |                   |           |               |                     |                        |
| GGFP00079<br>Revision  | Tribological testing of materials for seals.   | Research-Applied | Pratt & Whitney                         | Industry/For Profit  | PI         | 1/1/2024   | 1                 | 48.50%    | 100           | \$80,000            | Pending Sponsor Review |
|  |  | Totals for       | <b>Berman, Diana</b>                    |                      |            |            |                   |           |               | <b>\$80,000</b>     |                        |
| <b>Mishra, Rajiv</b>   |  |                  |   |                      |            |            |                   |           |               |                     |                        |
| <i>Mishra,R.,PI; Agrawal,P.,CoPI; Materials Science &amp; Engineer</i> |  |                  |   |                      |            |            |                   |           |               |                     |                        |
| GFP0001280<br>New  | Optimizing FeCrAl with Ni using Friction stir gradient alloying and SolidStir Extrusion                    | Research-Basic   | U.S. Department of Energy               | Federal              | PI         | 8/1/2024   | 3                 | 48.50%    | 50            | \$550,000           | Pending Sponsor Review |
| GFP0001331<br>New  | Computational design and validation of alloys for additive manufacturing                                   | Research-Basic   | Solvus Global                           | Federal Flow-through | PI         | 1/15/2024  | 1                 | 48.50%    | 100           | \$199,946           | Pending Sponsor Review |
|  |  | Totals for       | <b>Mishra, Rajiv</b>                    |                      |            |            |                   |           |               | <b>\$749,946</b>    |                        |
| <b>Zheng, Yufeng</b>   |  |                  |   |                      |            |            |                   |           |               |                     |                        |
| GFP0001311<br>New  | Collaborative Research: DMREF: AI-enabled Automated design of ultrastrong and ultraelastic metallic alloys | Research-Basic   | National Science Foundation             | Federal              | PI         | 10/1/2023  | 4                 | 48.50%    | 100           | \$499,916           | Pending Sponsor Review |
| GFP0001325<br>New  | Intergranular corrosion cracking resistant stainless steel by reactive element modification                | Research-Basic   | Purdue University                       | Federal Flow-through | PI         | 8/1/2024   | 3                 | 48.50%    | 100           | \$300,000           | Pending Sponsor Review |
|  |  | Totals for       | <b>Zheng, Yufeng</b>                    |                      |            |            |                   |           |               | <b>\$799,916</b>    |                        |
|  |  | Totals for       | <b>Materials Science &amp; Engineer</b> |                      |            |            |                   |           |               | <b>\$2,179,862</b>  |                        |

| File Number   | Title  | Category         | Sponsor                                  | Sponsor Type         | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|---|--|------------------|--|----------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
| <b><i>Mechanical Engineering</i></b>  |  |                  |  |                      |            |            |                   |           |               |                     |                        |
| <b>John, Kuruvilla</b>  |  |                  |  |                      |            |            |                   |           |               |                     |                        |
| <i>John,K.,CoPI; Yalamanchili,R.,CoPI; Mechanical Engineering; Gregory,A.,PI; Lund,A.,CoPI; Biological Sciences</i> |  |                  |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001308<br>New   | Development and Implementation of an Autonomous Drone Technology for Habitat and Wildlife Monitoring         | Research-Basic   | Oklahoma Department of Wildlife Conserva | Federal Flow-through | Co-PI      | 1/1/2025   | 4                 | 48.50%    | 25            | \$65,643            | Pending Sponsor Review |
|   |  | Totals for       | <b>John, Kuruvilla</b>                   |                      |            |            |                   |           |               | <b>\$65,643</b>     |                        |
| <b>Nasrazadani, Seifollah</b>   |  |                  |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001271<br>New   | Electrochemical Testing of Additively Manufactured Stainless Steel   | Research-Applied | Emerson Process Management               | Industry/For Profit  | PI         | 12/1/2023  | 5                 | 48.50%    | 100           | \$15,000            | Pending Sponsor Review |
|   |  | Totals for       | <b>Nasrazadani, Seifollah</b>            |                      |            |            |                   |           |               | <b>\$15,000</b>     |                        |
| <b>Shi, Sheldon</b>   |  |                  |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001284<br>New   | Bio-based Graphene and Carbon Quantum Dots composites derived from Agricultural wastes for Battery electrode | Research-Basic   | The National Academies of Sciences,      | Federal Flow-through | PI         | 6/1/2024   | 3                 | 48.50%    | 100           | \$200,000           | Pending Sponsor Review |
|   |  | Totals for       | <b>Shi, Sheldon</b>                      |                      |            |            |                   |           |               | <b>\$200,000</b>    |                        |
| <b>Yalamanchili, Rattaya</b>  |  |                  |  |                      |            |            |                   |           |               |                     |                        |
| <i>Yalamanchili,R.,CoPI; John,K.,CoPI; Mechanical Engineering; Gregory,A.,PI; Lund,A.,CoPI; Biological Sciences</i> |  |                  |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001308<br>New   | Development and Implementation of an Autonomous Drone Technology for Habitat and Wildlife Monitoring         | Research-Basic   | Oklahoma Department of Wildlife Conserva | Federal Flow-through | Co-PI      | 1/1/2025   | 4                 | 48.50%    | 25            | \$65,643            | Pending Sponsor Review |
|   |  | Totals for       | <b>Yalamanchili, Rattaya</b>             |                      |            |            |                   |           |               | <b>\$65,643</b>     |                        |
| <b>Yu, Cheng</b>  |  |                  |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001310<br>New   | Behavior and Performance of ADVANT Long-Span Cold-Formed Steel Trusses                                       | Research-Applied | AdvanT Steel, LLC.                       | Industry/For Profit  | PI         | 2/1/2024   | 0.3               | 48.50%    | 100           | \$19,976            | Pending Sponsor Review |
|   |  | Totals for       | <b>Yu, Cheng</b>                         |                      |            |            |                   |           |               | <b>\$19,976</b>     |                        |



| File Number           | Title   | Category       | Sponsor                       | Sponsor Type | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|-----------------------|---|----------------|-------------------------------|--------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
| <b>Zhang, Haifeng</b> |   |                |                               |              |            |            |                   |           |               |                     |                        |
| GFP0001305<br>New     | Radiation and Temperature Tolerance of Novel Piezoelectric Materials and Resonant Sensors | Research-Basic | U.S. Department of Energy     | Federal      | PI         | 9/1/2024   | 4                 | 48.50%    | 100           | \$1,000,000         | Pending Sponsor Review |
|                       |   | Totals for     | <b>Zhang, Haifeng</b>         |              |            |            |                   |           |               | <b>\$1,000,000</b>  |                        |
|                       |   | Totals for     | <b>Mechanical Engineering</b> |              |            |            |                   |           |               | <b>\$1,366,262</b>  |                        |
|                       |   | Totals for     | <b>College of Engineering</b> |              |            |            |                   |           |               | <b>\$8,841,550</b>  |                        |

**College of Health & Public Service**

**Audiology & Speech - Lang Path**

**Lam, Pak Wing Jacky**

*Lam,P.,CoPI; Lee,D.,PI; Schafer,E.,CoPI; Miller,S.,CoPI; Audiology & Speech - Lang Path*

|                   |  |                |  |                           |       |          |   |       |    |       |                        |
|-------------------|--|----------------|--|---------------------------|-------|----------|---|-------|----|-------|------------------------|
| GFP0001166<br>New | Noise tolerance and preferred listening level under different noise conditions | Research-Basic | Texas Speech Language Hearing Foundation | Foundation/Not For Profit | Co-PI | 2/1/2024 | 1 | 0.00% | 15 | \$225 | Pending Sponsor Review |
|-------------------|--|----------------|--|---------------------------|-------|----------|---|-------|----|-------|------------------------|

*Lam,P.,CoPI; Mathews,L.,CoPI; Audiology & Speech - Lang Path; Lund,B.,PI; Information Science; Johnson,K.,CoPI; Learning Technologies*

|                   |   |                      |                                      |         |       |          |   |        |    |           |                        |
|-------------------|---|----------------------|--------------------------------------|---------|-------|----------|---|--------|----|-----------|------------------------|
| GFP0001287<br>New | Promoting Diversity in Cybersecurity Awareness and Employment Opportunities for Neurodivergent Young Adults | Research-Development | U.S.DHHS-Admin. for Community Living | Federal | Co-PI | 9/1/2024 | 3 | 48.50% | 25 | \$138,077 | Pending Sponsor Review |
|-------------------|---|----------------------|--------------------------------------|---------|-------|----------|---|--------|----|-----------|------------------------|

Totals for **Lam, Pak Wing Jacky** **\$138,302**

**Lee, Donguk**

*Lee,D.,PI; Lam,P.,CoPI; Schafer,E.,CoPI; Miller,S.,CoPI; Audiology & Speech - Lang Path*

|                   |  |                |  |                           |    |          |   |       |    |       |                        |
|-------------------|--|----------------|--|---------------------------|----|----------|---|-------|----|-------|------------------------|
| GFP0001166<br>New | Noise tolerance and preferred listening level under different noise conditions | Research-Basic | Texas Speech Language Hearing Foundation | Foundation/Not For Profit | PI | 2/1/2024 | 1 | 0.00% | 55 | \$825 | Pending Sponsor Review |
|-------------------|--|----------------|--|---------------------------|----|----------|---|-------|----|-------|------------------------|

Totals for **Lee, Donguk** **\$825**

| File Number  | Title   | Category             | Sponsor                                   | Sponsor Type              | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|--|---|----------------------|---|---------------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
| <b>Mathews, Lauren</b>   |   |                      |   |                           |            |            |                   |           |               |                     |                        |
| <i>Mathews,L.,CoPI; Lam,P.,CoPI; Audiology &amp; Speech - Lang Path; Lund,B.,PI; Information Science; Johnson,K.,CoPI; Learning Technologies</i> |   |                      |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001287<br>New  | Promoting Diversity in Cybersecurity Awareness and Employment Opportunities for Neurodivergent Young Adults       | Research-Development | U.S.DHHS-Admin. for Community Living      | Federal                   | Co-PI      | 9/1/2024   | 3                 | 48.50%    | 25            | \$138,077           | Pending Sponsor Review |
| GFP0001316<br>New  | Neurodivergent Students' Perceptions of Their Social-Emotional Well-Being and Related University Support Services | Research-Applied     | Texas Speech Language Hearing Foundation  | Foundation/Not For Profit | PI         | 3/1/2024   | 0.8               | 0.00%     | 100           | \$510               | Pending Sponsor Review |
|  |   | Totals for           | <b>Mathews, Lauren</b>                    |                           |            |            |                   |           |               | <b>\$138,587</b>    |                        |
| <b>Miller, Sharon</b>  |   |                      |   |                           |            |            |                   |           |               |                     |                        |
| <i>Miller,S.,CoPI; Lee,D.,PI; Lam,P.,CoPI; Schafer,E.,CoPI; Audiology &amp; Speech - Lang Path</i>   |   |                      |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001166<br>New  | Noise tolerance and preferred listening level under different noise conditions                                    | Research-Basic       | Texas Speech Language Hearing Foundation  | Foundation/Not For Profit | Co-PI      | 2/1/2024   | 1                 | 0.00%     | 15            | \$225               | Pending Sponsor Review |
|  |   | Totals for           | <b>Miller, Sharon</b>                     |                           |            |            |                   |           |               | <b>\$225</b>        |                        |
| <b>Schafer, Erin</b>   |   |                      |   |                           |            |            |                   |           |               |                     |                        |
| <i>Schafer,E.,CoPI; Lee,D.,PI; Lam,P.,CoPI; Miller,S.,CoPI; Audiology &amp; Speech - Lang Path</i>   |   |                      |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001166<br>New  | Noise tolerance and preferred listening level under different noise conditions                                    | Research-Basic       | Texas Speech Language Hearing Foundation  | Foundation/Not For Profit | Co-PI      | 2/1/2024   | 1                 | 0.00%     | 15            | \$225               | Pending Sponsor Review |
|  |   | Totals for           | <b>Schafer, Erin</b>                      |                           |            |            |                   |           |               | <b>\$225</b>        |                        |
|  |   | Totals for           | <b>Audiology &amp; Speech - Lang Path</b> |                           |            |            |                   |           |               | <b>\$278,164</b>    |                        |
| <b>Behavior Analysis</b>   |   |                      |   |                           |            |            |                   |           |               |                     |                        |
| <b>Toussaint, Karen</b>  |   |                      |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001300<br>New  | Investigating Conversational Behaviors and Interactions with Adults with Autism Spectrum Disorder                 | Research-Applied     | Autism Science Foundation                 | Foundation/Not For Profit | PI         | 7/1/2024   | 1                 | 0.00%     | 100           | \$35,000            | Pending Sponsor Review |
|  |   | Totals for           | <b>Toussaint, Karen</b>                   |                           |            |            |                   |           |               | <b>\$35,000</b>     |                        |
|  |   | Totals for           | <b>Behavior Analysis</b>                  |                           |            |            |                   |           |               | <b>\$35,000</b>     |                        |

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

***Criminal Justice***

**Zettler, Haley**

|                |   |                  |               |                          |    |          |   |        |     |          |                        |
|----------------|---|------------------|---------------|--------------------------|----|----------|---|--------|-----|----------|------------------------|
| GFP0001337 New | Denton County Drug Treatment Court Recidivism Study | Research-Applied | Denton County | State of TX Flow-through | PI | 9/1/2024 | 1 | 48.50% | 100 | \$11,904 | Pending Sponsor Review |
|----------------|---|------------------|---------------|--------------------------|----|----------|---|--------|-----|----------|------------------------|

|                |  |                  |               |                          |    |          |   |        |     |          |                        |
|----------------|--|------------------|---------------|--------------------------|----|----------|---|--------|-----|----------|------------------------|
| GFP0001338 New | Denton County Family Drug Court Evaluation | Research-Applied | Denton County | State of TX Flow-through | PI | 9/1/2024 | 1 | 48.50% | 100 | \$15,800 | Pending Sponsor Review |
|----------------|--|------------------|---------------|--------------------------|----|----------|---|--------|-----|----------|------------------------|

Totals for **Zettler, Haley** **\$27,704**

Totals for **Criminal Justice** **\$27,704**

Totals for **College of Health & Public Service** **\$340,868**

***College of Information***

***Information Science***

**Kaboutari, Solomon**

*Kaboutari,S.,CoPI; Malarvizhi kumar,P.,PI; Xiao,T.,CoPI; Korani,W.,CoPI; Information Science: Norris,C.,CoPI; Information-Dean's Off; Xiao,T.,CoPI; Computer Science & Engineering*

|                |                           |       |  |                      |       |          |     |       |    |       |                       |
|----------------|---------------------------|-------|--|----------------------|-------|----------|-----|-------|----|-------|-----------------------|
| GFP0001306 New | CyBR-MSI: IRR (COHORT II) | Other | American Society for Engineering Educati | Federal Flow-through | Co-PI | 1/1/2024 | 0.6 | 0.00% | 20 | \$600 | JIT Response Required |
|----------------|---------------------------|-------|--|----------------------|-------|----------|-----|-------|----|-------|-----------------------|

Totals for **Kaboutari, Solomon** **\$600**

**Korani, Wael**

*Korani,W.,CoPI; Malarvizhi kumar,P.,PI; Kaboutari,S.,CoPI; Xiao,T.,CoPI; Information Science: Norris,C.,CoPI; Information-Dean's Off; Xiao,T.,CoPI; Computer Science & Engineering*

|                |                           |       |  |                      |       |          |     |       |    |       |                       |
|----------------|---------------------------|-------|--|----------------------|-------|----------|-----|-------|----|-------|-----------------------|
| GFP0001306 New | CyBR-MSI: IRR (COHORT II) | Other | American Society for Engineering Educati | Federal Flow-through | Co-PI | 1/1/2024 | 0.6 | 0.00% | 20 | \$600 | JIT Response Required |
|----------------|---------------------------|-------|--|----------------------|-------|----------|-----|-------|----|-------|-----------------------|

Totals for **Korani, Wael** **\$600**

| File Number   | Title   | Category             | Sponsor                                  | Sponsor Type         | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|---|---|----------------------|--|----------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
| <b>Lund, Brady</b>  |   |                      |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001251<br>New   | Generative Artificial Intelligence for Neutralizing Health Encumbrances Among Latinx and Hispanic Communities (GAIN-HEALTH) Symposium | Research-Other       | National Institutes of Health            | Federal              | PI         | 7/1/2024   | 1                 | 0.00%     | 100           | \$9,928             | Pending Sponsor Review |
| <i>Lund,B.,PI; Information Science; Johnson,K.,CoPI; Learning Technologies; Lam,P.,CoPI; Mathews,L.,CoPI; Audiology &amp; Speech - Lang Path</i>  |   |                      |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001287<br>New   | Promoting Diversity in Cybersecurity Awareness and Employment Opportunities for Neurodivergent Young Adults                           | Research-Development | U.S.DHHS-Admin. for Community Living     | Federal              | PI         | 9/1/2024   | 3                 | 48.50%    | 25            | \$138,077           | Pending Sponsor Review |
| Totals for <b>Lund, Brady</b>   |   |                      |  |                      |            |            |                   |           |               | <b>\$148,005</b>    |                        |
| <b>Malarvizhi kumar, Priyan</b>   |   |                      |  |                      |            |            |                   |           |               |                     |                        |
| <i>Malarvizhi kumar,P.,PI; Kaboutari,S.,CoPI; Xiao,T.,CoPI; Korani,W.,CoPI; Information Science; Norris,C.,CoPI; Information-Dean's Off; Xiao,T.,CoPI; Computer Science &amp; Engineering</i> |   |                      |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001306<br>New   | CyBR-MSI: IRR (COHORT II)   | Other                | American Society for Engineering Educati | Federal Flow-through | PI         | 1/1/2024   | 0.6               | 0.00%     | 20            | \$600               | JIT Response Required  |
| Totals for <b>Malarvizhi kumar, Priyan</b>  |   |                      |  |                      |            |            |                   |           |               | <b>\$600</b>        |                        |
| <b>Xiao, Ting</b>   |   |                      |  |                      |            |            |                   |           |               |                     |                        |
| <i>Xiao,T.,CoPI; Malarvizhi kumar,P.,PI; Kaboutari,S.,CoPI; Korani,W.,CoPI; Information Science; Norris,C.,CoPI; Information-Dean's Off; Xiao,T.,CoPI; Computer Science &amp; Engineering</i> |   |                      |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001306<br>New   | CyBR-MSI: IRR (COHORT II)   | Other                | American Society for Engineering Educati | Federal Flow-through | Co-PI      | 1/1/2024   | 0.6               | 0.00%     | 18            | \$540               | JIT Response Required  |
| Totals for <b>Xiao, Ting</b>  |   |                      |  |                      |            |            |                   |           |               | <b>\$540</b>        |                        |
| Totals for <b>Information Science</b>   |   |                      |  |                      |            |            |                   |           |               | <b>\$150,345</b>    |                        |
| <b>Information-Dean's Off</b>   |   |                      |  |                      |            |            |                   |           |               |                     |                        |
| <b>Norris, Cathleen</b>   |   |                      |  |                      |            |            |                   |           |               |                     |                        |
| <i>Norris,C.,CoPI; Information-Dean's Off; Malarvizhi kumar,P.,PI; Kaboutari,S.,CoPI; Xiao,T.,CoPI; Korani,W.,CoPI; Information Science; Xiao,T.,CoPI; Computer Science &amp; Engineering</i> |   |                      |  |                      |            |            |                   |           |               |                     |                        |
| GFP0001306<br>New   | CyBR-MSI: IRR (COHORT II)   | Other                | American Society for Engineering Educati | Federal Flow-through | Co-PI      | 1/1/2024   | 0.6               | 0.00%     | 20            | \$600               | JIT Response Required  |

| File Number | Title | Category   | Sponsor                       | Sponsor Type | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status       |  |
|-------------|-------|------------|-------------------------------|--------------|------------|------------|-------------------|-----------|---------------|---------------------|--------------|--|
|             |       | Totals for | <b>Norris, Cathleen</b>       |              |            |            |                   |           |               |                     | <b>\$600</b> |  |
|             |       | Totals for | <b>Information-Dean's Off</b> |              |            |            |                   |           |               |                     | <b>\$600</b> |  |

**Learning Technologies**

**Johnson, Karen**

*Johnson,K.,CoPI; Learning Technologies; Lund,B.,PI; Information Science; Lam,P.,CoPI; Mathews,L.,CoPI; Audiology & Speech - Lang Path*

|                   |   |                      |                                      |         |       |          |   |        |    |           |                        |
|-------------------|---|----------------------|--------------------------------------|---------|-------|----------|---|--------|----|-----------|------------------------|
| GFP0001287<br>New | Promoting Diversity in Cybersecurity Awareness and Employment Opportunities for Neurodivergent Young Adults | Research-Development | U.S.DHHS-Admin. for Community Living | Federal | Co-PI | 9/1/2024 | 3 | 48.50% | 25 | \$138,077 | Pending Sponsor Review |
|-------------------|---|----------------------|--------------------------------------|---------|-------|----------|---|--------|----|-----------|------------------------|

Totals for **Johnson, Karen** **\$138,077**

Totals for **Learning Technologies** **\$138,077**

Totals for **College of Information** **\$289,022**

**College of Liberal Arts & Social Sciences**

**Political Science**

**Demeritt, Jacqueline**

*Demeritt,J.,CoPI; Meernik,J.,PI; Political Science*

|                   |  |                  |                             |         |       |          |   |        |    |          |                        |
|-------------------|--|------------------|-----------------------------|---------|-------|----------|---|--------|----|----------|------------------------|
| GFP0001213<br>New | RAPID: Reducing Violence in Colombia: Interviews with Leaders of Armed Organizations | Research-Applied | National Science Foundation | Federal | Co-PI | 2/1/2024 | 1 | 48.50% | 50 | \$46,660 | Pending Sponsor Review |
|-------------------|--|------------------|-----------------------------|---------|-------|----------|---|--------|----|----------|------------------------|

Totals for **Demeritt, Jacqueline** **\$46,660**

**Meernik, James**

*Meernik,J.,PI; Demeritt,J.,CoPI; Political Science*

|                   |  |                  |                             |         |    |          |   |        |    |          |                        |
|-------------------|--|------------------|-----------------------------|---------|----|----------|---|--------|----|----------|------------------------|
| GFP0001213<br>New | RAPID: Reducing Violence in Colombia: Interviews with Leaders of Armed Organizations | Research-Applied | National Science Foundation | Federal | PI | 2/1/2024 | 1 | 48.50% | 50 | \$46,660 | Pending Sponsor Review |
|-------------------|--|------------------|-----------------------------|---------|----|----------|---|--------|----|----------|------------------------|

Totals for **Meernik, James** **\$46,660**

**Silva, Andrea**

|                   |  |                |                             |         |    |          |   |        |     |           |                        |
|-------------------|--|----------------|-----------------------------|---------|----|----------|---|--------|-----|-----------|------------------------|
| GFP0000973<br>New | Building Bridges to Success: Women of Color in Political Science | Research-Basic | National Science Foundation | Federal | PI | 8/1/2024 | 3 | 48.50% | 100 | \$244,412 | Pending Sponsor Review |
|-------------------|--|----------------|-----------------------------|---------|----|----------|---|--------|-----|-----------|------------------------|

| File Number   | Title  | Category         | Sponsor                                   | Sponsor Type              | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|---|--|------------------|---|---------------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
|   |  | Totals for       | Silva, Andrea                             |                           |            |            |                   |           |               | \$244,412           |                        |
|   |  | Totals for       | Political Science                         |                           |            |            |                   |           |               | \$337,732           |                        |
| <b>Psychology</b>   |  |                  |   |                           |            |            |                   |           |               |                     |                        |
| <b>Levin-Aspenson, Holly</b>  |  |                  |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001335 New  | Challenging and adverse effects of psychedelics: Phenomenology, influencing factors and remedies   | Research-Applied | Emory University                          | Foundation Flow-through   | PI         | 6/15/2024  | 3                 | 12.50%    | 100           | \$31,496            | Pending Sponsor Review |
|   |  | Totals for       | Levin-Aspenson, Holly                     |                           |            |            |                   |           |               | \$31,496            |                        |
|   |  | Totals for       | Psychology                                |                           |            |            |                   |           |               | \$31,496            |                        |
|   |  | Totals for       | College of Liberal Arts & Social Sciences |                           |            |            |                   |           |               | \$369,228           |                        |
| <b>College of Science</b>   |  |                  |   |                           |            |            |                   |           |               |                     |                        |
| <b>Biological Sciences</b>  |  |                  |   |                           |            |            |                   |           |               |                     |                        |
| <b>Ayre, Brian</b>  |  |                  |   |                           |            |            |                   |           |               |                     |                        |
| <i>Ayre,B.,PI; McGarry,R.,CoPI; Biological Sciences</i>                                   |  |                  |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001333 Renewal  | Pest- and pathogen-resistant cotton through gene editing   | Research-Basic   | Cotton Incorporated                       | Foundation/Not For Profit | PI         | 1/1/2024   | 1                 | 15.00%    | 50            | \$15,000            | Pending Sponsor Review |
|   |  | Totals for       | Ayre, Brian                               |                           |            |            |                   |           |               | \$15,000            |                        |
| <b>Bojun, Chen</b>  |  |                  |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001163 New  | Novel regulators of Slo2 potassium channels  | Research-Basic   | National Institutes of Health             | Federal                   | PI         | 2/1/2024   | 2                 | 48.50%    | 100           | \$724,236           | Pending Sponsor Review |
|   |  | Totals for       | Bojun, Chen                               |                           |            |            |                   |           |               | \$724,236           |                        |
| <b>Burggren, Warren</b>   |  |                  |   |                           |            |            |                   |           |               |                     |                        |
| <i>Burggren,W.,CoPI; Dzialowski,E.,PI; Martinez Bautista,G.,CoPI; Biological Sciences</i> |  |                  |   |                           |            |            |                   |           |               |                     |                        |
| GFP0001160 New  | ORCC: Stochastically fluctuating stressors associated with extreme weather events may have more immediate impact on organism function and survival than long-term climate change | Research-Basic   | National Science Foundation               | Federal                   | Co-PI      | 6/1/2024   | 5                 | 48.50%    | 30            | \$461,330           | Pending Sponsor Review |

| File Number   | Title  | Category       | Sponsor                                  | Sponsor Type               | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|---|--|----------------|--|----------------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
|   |  |                | Totals for                               | <b>Burggren, Warren</b>    |            |            |                   |           |               | <b>\$461,330</b>    |                        |
| <b>Dzialowski, Edward</b>   |  |                |  |                            |            |            |                   |           |               |                     |                        |
| <i>Dzialowski,E.,PI; Burggren,W.,CoPI; Martinez Bautista,G.,CoPI; Biological Sciences</i>                           |  |                |  |                            |            |            |                   |           |               |                     |                        |
| GFP0001160<br>New   | ORCC: Stochastically fluctuating stressors associated with extreme weather events may have more immediate impact on organism function and survival than long-term climate change | Research-Basic | National Science Foundation              | Federal                    | PI         | 6/1/2024   | 5                 | 48.50%    | 35            | \$538,218           | Pending Sponsor Review |
|   |  |                | Totals for                               | <b>Dzialowski, Edward</b>  |            |            |                   |           |               | <b>\$538,218</b>    |                        |
| <b>Gregory, Andrew</b>  |  |                |  |                            |            |            |                   |           |               |                     |                        |
| <i>Gregory,A.,PI; Lund,A.,CoPI; Biological Sciences; John,K.,CoPI; Yalamanchili,R.,CoPI; Mechanical Engineering</i> |  |                |  |                            |            |            |                   |           |               |                     |                        |
| GFP0001308<br>New   | Development and Implementation of an Autonomous Drone Technology for Habitat and Wildlife Monitoring   | Research-Basic | Oklahoma Department of Wildlife Conserva | Federal Flow-through       | PI         | 1/1/2025   | 4                 | 48.50%    | 25            | \$65,643            | Pending Sponsor Review |
|   |  |                | Totals for                               | <b>Gregory, Andrew</b>     |            |            |                   |           |               | <b>\$65,643</b>     |                        |
| <b>Lichtenberg, Elinor</b>  |  |                |  |                            |            |            |                   |           |               |                     |                        |
| GFP0001318<br>New   | Research on the Range: Promoting Texas grassland biodiversity and conservation through integrative research and experiential learning  | Research-Basic | Tarleton State University                | Federal Flow-through       | PI         | 9/1/2024   | 3                 | 42.86%    | 100           | \$300,000           | JIT Response Required  |
|   |  |                | Totals for                               | <b>Lichtenberg, Elinor</b> |            |            |                   |           |               | <b>\$300,000</b>    |                        |
| <b>Lund, Amie</b>   |  |                |  |                            |            |            |                   |           |               |                     |                        |
| <i>Lund,A.,CoPI; Gregory,A.,PI; Biological Sciences; John,K.,CoPI; Yalamanchili,R.,CoPI; Mechanical Engineering</i> |  |                |  |                            |            |            |                   |           |               |                     |                        |
| GFP0001308<br>New   | Development and Implementation of an Autonomous Drone Technology for Habitat and Wildlife Monitoring   | Research-Basic | Oklahoma Department of Wildlife Conserva | Federal Flow-through       | Co-PI      | 1/1/2025   | 4                 | 48.50%    | 25            | \$65,643            | Pending Sponsor Review |
|   |  |                | Totals for                               | <b>Lund, Amie</b>          |            |            |                   |           |               | <b>\$65,643</b>     |                        |

| File Number   | Title  | Category       | Sponsor                       | Sponsor Type              | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|---|--|----------------|-------------------------------|---------------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
| <b>Martinez Bautista, Gil</b>   |  |                |                               |                           |            |            |                   |           |               |                     |                        |
| <i>Martinez Bautista,G.,CoPI; Dzialowski,E.,PI; Burggren,W.,CoPI; Biological Sciences</i> |  |                |                               |                           |            |            |                   |           |               |                     |                        |
| GFP0001160<br>New   | ORCC: Stochastically fluctuating stressors associated with extreme weather events may have more immediate impact on organism function and survival than long-term climate change | Research-Basic | National Science Foundation   | Federal                   | Co-PI      | 6/1/2024   | 5                 | 48.50%    | 35            | \$538,218           | Pending Sponsor Review |
|   |  | Totals for     | <b>Martinez Bautista, Gil</b> |                           |            |            |                   |           |               | <b>\$538,218</b>    |                        |
| <b>McGarry, Roisin</b>  |  |                |                               |                           |            |            |                   |           |               |                     |                        |
| <i>McGarry,R.,CoPI; Ayre,B.,PI; Biological Sciences</i>                                   |  |                |                               |                           |            |            |                   |           |               |                     |                        |
| GFP0001333<br>Renewal   | Pest- and pathogen-resistant cotton through gene editing   | Research-Basic | Cotton Incorporated           | Foundation/Not For Profit | Co-PI      | 1/1/2024   | 1                 | 15.00%    | 50            | \$15,000            | Pending Sponsor Review |
|   |  | Totals for     | <b>McGarry, Roisin</b>        |                           |            |            |                   |           |               | <b>\$15,000</b>     |                        |
|   |  | Totals for     | <b>Biological Sciences</b>    |                           |            |            |                   |           |               | <b>\$2,723,288</b>  |                        |
| <b>Chemistry</b>  |  |                |                               |                           |            |            |                   |           |               |                     |                        |
| <b>Atkinson, Molly</b>  |  |                |                               |                           |            |            |                   |           |               |                     |                        |
| GFP0000984<br>New   | Characterizing Experiences in Chemistry and Physics Graduate Programs  | Research-Basic | National Science Foundation   | Federal                   | PI         | 8/1/2024   | 3                 | 48.50%    | 100           | \$1,051,719         | Pending Sponsor Review |
| <i>Atkinson,M.,PI; Weber,R.,CoPI; Chemistry</i>   |  |                |                               |                           |            |            |                   |           |               |                     |                        |
| GFP0001282<br>New   | Exploring the Development of Undergraduate Interest in Subdisciplines of Chemistry   | Research-Basic | Spencer Foundation            | Foundation/Not For Profit | PI         | 8/1/2024   | 2                 | 0.00%     | 50            | \$25,000            | Pending Sponsor Review |
|   |  | Totals for     | <b>Atkinson, Molly</b>        |                           |            |            |                   |           |               | <b>\$1,076,719</b>  |                        |
| <b>Ma, Shengqian</b>  |  |                |                               |                           |            |            |                   |           |               |                     |                        |
| GFP0001324<br>New   | Rational Design of Porous Cooperative Catalysts based on Earth Abundant Elements for Converting CO2 into Fuels   | Research-Basic | National Science Foundation   | Federal                   | PI         | 8/1/2024   | 3                 | 48.50%    | 100           | \$432,562           | Pending Sponsor Review |
|   |  | Totals for     | <b>Ma, Shengqian</b>          |                           |            |            |                   |           |               | <b>\$432,562</b>    |                        |



| File Number                                     | Title  | Category       | Sponsor               | Sponsor Type              | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status                 |
|---|--|----------------|-----------------------|---------------------------|------------|------------|-------------------|-----------|---------------|---------------------|------------------------|
| <b>Weber, Rebecca</b>                           |  |                |                       |                           |            |            |                   |           |               |                     |                        |
| <i>Weber,R.,CoPI; Atkinson,M.,PI; Chemistry</i> |  |                |                       |                           |            |            |                   |           |               |                     |                        |
| GFP0001282 New                                  | Exploring the Development of Undergraduate Interest in Subdisciplines of Chemistry | Research-Basic | Spencer Foundation    | Foundation/Not For Profit | Co-PI      | 8/1/2024   | 2                 | 0.00%     | 50            | \$25,000            | Pending Sponsor Review |
| Totals for                                      |  |                | <b>Weber, Rebecca</b> |                           |            |            |                   |           |               | <b>\$25,000</b>     |                        |
| Totals for                                      |  |                | <b>Chemistry</b>      |                           |            |            |                   |           |               | <b>\$1,534,281</b>  |                        |

### **Mathematics**

#### **Bozdag, Serdar**

*Bozdag,S.,CoPI; Mathematics; Bhowmick,S.,PI; Bozdag,S.,CoPI; Computer Science & Engineering*

|                |  |                |                             |         |       |          |   |        |    |                  |                        |
|----------------|--|----------------|-----------------------------|---------|-------|----------|---|--------|----|------------------|------------------------|
| GFP0001275 New | Collaborative Research: Frameworks: CSSI: CHAI: Cyberinfrastructure for Hypergraph-based Analysis and Innovation | Research-Basic | National Science Foundation | Federal | Co-PI | 7/1/2024 | 5 | 48.50% | 12 | \$293,732        | Pending Sponsor Review |
| Totals for     |  |                | <b>Bozdag, Serdar</b>       |         |       |          |   |        |    | <b>\$293,732</b> |                        |

#### **Liu, Jianguo**

*Liu,J.,PI; Mathematics; Fu,S.,CoPI; Computer Science & Engineering*

|                |  |                |                             |         |    |          |   |        |    |                    |                        |
|----------------|--|----------------|-----------------------------|---------|----|----------|---|--------|----|--------------------|------------------------|
| GFP0001328 New | NSF-DST: RI: HCC: Small: MindMentor: AI-based Framework for Empowering Youth Mental Health with Psychological Counseling | Research-Basic | National Science Foundation | Federal | PI | 7/1/2024 | 3 | 48.50% | 50 | \$299,772          | Pending Sponsor Review |
| Totals for     |  |                | <b>Liu, Jianguo</b>         |         |    |          |   |        |    | <b>\$299,772</b>   |                        |
| Totals for     |  |                | <b>Mathematics</b>          |         |    |          |   |        |    | <b>\$593,503</b>   |                        |
| Totals for     |  |                | <b>College of Science</b>   |         |    |          |   |        |    | <b>\$4,851,072</b> |                        |

### **Toulouse Grad School**

#### **Toulouse Grad Sch-Dean's Off**

#### **Prybutok, Victor**

|                |   |                  |                             |                      |    |          |     |        |     |          |                        |
|----------------|---|------------------|-----------------------------|----------------------|----|----------|-----|--------|-----|----------|------------------------|
| GFP0001319 New | Broadening Participation in STEM Graduate Degrees and the U.S. STEM Workforce | Research-Applied | Council of Graduate Schools | Federal Flow-through | PI | 9/1/2024 | 3.2 | 48.50% | 100 | \$45,000 | Pending Sponsor Review |
|----------------|---|------------------|-----------------------------|----------------------|----|----------|-----|--------|-----|----------|------------------------|

| File Number | Title | Category   | Sponsor                             | Sponsor Type | PI / Co-PI | Start Date | Duration in Years | FA Rate % | Recognition % | Distribution Amount | Status |
|-------------|-------|------------|-------------------------------------|--------------|------------|------------|-------------------|-----------|---------------|---------------------|--------|
|             |       | Totals for | <b>Prybutok, Victor</b>             |              |            |            |                   |           |               | <b>\$45,000</b>     |        |
|             |       | Totals for | <b>Toulouse Grad Sch-Dean's Off</b> |              |            |            |                   |           |               | <b>\$45,000</b>     |        |
|             |       | Totals for | <b>Toulouse Grad School</b>         |              |            |            |                   |           |               | <b>\$45,000</b>     |        |

*University Library*

*University Library-Gen*

**Drummond, Christina**

|                       |   |                          |                        |                          |    |           |     |        |     |         |               |
|-----------------------|---|--------------------------|------------------------|--------------------------|----|-----------|-----|--------|-----|---------|---------------|
| GGFP00051<br>Revision | Workshop   Exploring National<br>Infrastructure for Public Access Usage<br>and Impact Reporting | Research-<br>Development | University of Michigan | Federal Flow-<br>through | PI | 2/15/2023 | 0.9 | 48.50% | 100 | \$1,069 | Not<br>Funded |
|-----------------------|---|--------------------------|------------------------|--------------------------|----|-----------|-----|--------|-----|---------|---------------|

|  |  |                   |                               |  |  |  |  |  |  |                     |  |
|--|--|-------------------|-------------------------------|--|--|--|--|--|--|---------------------|--|
|  |  | Totals for        | <b>Drummond, Christina</b>    |  |  |  |  |  |  | <b>\$1,069</b>      |  |
|  |  | Totals for        | <b>University Library-Gen</b> |  |  |  |  |  |  | <b>\$1,069</b>      |  |
|  |  | Totals for        | <b>University Library</b>     |  |  |  |  |  |  | <b>\$1,069</b>      |  |
|  |  | Totals for        | <b>UNT</b>                    |  |  |  |  |  |  | <b>\$15,082,890</b> |  |
|  |  | <b>Totals for</b> | <b>December FY2024:</b>       |  |  |  |  |  |  | <b>\$15,082,890</b> |  |