

Office of Research and Sponsored Programs

Attached is the annual report on TWU's sponsored research, teaching, scholarship, and public service for fiscal year 2022 (September 1, 2021 through August 31, 2022). The report outlines external proposal and award activity through the Office of Research and Sponsored Programs (ORSP).

These sponsored projects encompass many types of activities funded by outside agencies: basic scientific research; applied research in nursing, allied health sciences, social sciences, and other areas; education and training programs in community and business settings; demonstration, model, or pilot projects; and creative activities. Sources of funding include federal, state, and private funding agencies. In addition, the formula funding granted by the federal CARES Act was processed through ORSP and is included in this report.

Proposals for grants and contracts are initiated by TWU faculty or staff and are reviewed by the department chair, director, or associate dean; the dean of the college; the Vice Provost for Research; and the Provost. Occasionally others are included in the review process, depending on the nature of the project or the instructions from the funding source. Proposals range in complexity from a request for support of a few hundred dollars from a professional association to an application for a million-dollar, multi-year project from a federal agency.

This report is divided into several sections. The first section presents varied breakdowns of externally-funded projects by campus, college, department, and principal investigator (or project director). The second section describes the proposals submitted for external funding; the remaining sections provide information about active awards, research expenditures, Comprehensive Research Funds, and facility and administrative (indirect) costs.

**Annual Report on Proposal and Grant Activity
Office of Research and Sponsored Programs**

FY 2022 (September 1, 2021 – August 31, 2022)

I. Externally Funded Grants and Contracts

| Total Grants Awarded | | Research Grants Awarded | |
|-----------------------------|-----------|--------------------------------|-----------|
| FY 2013: \$ 8,426,440 | 54 Awards | FY 2013: \$ 1,206,015 | 13 Awards |
| FY 2014: \$ 7,114,862 | 65 Awards | FY 2014: \$ 1,061,422 | 23 Awards |
| FY 2015: \$ 7,450,986 | 43 Awards | FY 2015: \$ 1,528,188 | 17 Awards |
| FY 2016: \$ 6,763,277 | 57 Awards | FY 2016: \$ 2,593,934 | 24 Awards |
| FY 2017: \$ 5,539,645 | 67 Awards | FY 2017: \$ 2,171,771 | 32 Awards |
| FY 2018: \$ 6,959,443 | 55 Awards | FY 2018: \$ 1,860,891 | 21 Awards |
| FY 2019: \$ 6,286,539 | 59 Awards | FY 2019: \$ 3,331,441 | 31 Awards |
| FY 2020: \$ 6,492,616 | 69 Awards | FY 2020: \$ 3,975,799 | 42 Awards |
| FY 2021: \$ 7,135,765 | 65 Awards | FY 2021: \$ 3,634,535 | 31 Awards |
| FY 2022: \$ 8,383,022 | 80 Awards | FY 2022: \$ 5,093,532 | 48 Awards |

These numbers do not include the formula funding requested and received by the university through the CARES Act; the CARES Act funding is detailed in Section IV. The following section provides a more detailed breakdown of the external grants and contracts received through ORSP during FY 2022 and comparisons with FY 2021.

A. Distribution by College, Department, and Campus

Tables 1-4 illustrate the distribution of grant awards for each college, department, individual faculty member, and campus. For accounting purposes, the award is listed in the department of the principal investigator (PI). In the instances where the co-principal investigator (Co-PI) is from a different department or campus than the PI, the Co-PI's department is shown in parentheses.

**Table 1
Comparison of Funding by College/Other**

| | 2020-2021 | 2021-2022 |
|----------------------------|--------------------|--------------------|
| Arts and Sciences | \$2,029,425 | \$3,796,267 |
| Health Sciences | \$1,958,700 | \$1,951,040 |
| Nursing | \$233,126 | \$159,632 |
| Professional Education | \$942,804 | \$290,567 |
| Business | \$0 | \$50,000 |
| Other | \$1,971,710 | \$2,135,516 |
| TOTAL OF ALL AWARDS | \$7,135,765 | \$8,383,022 |

Table 2
Comparison of Funding by College and Department/Division*

| | 2020-2021 | 2021-2022 |
|--|--------------------|--------------------|
| ARTS AND SCIENCES | | |
| Biology | \$1,066,749 | \$2,820,628 |
| Chemistry and Biochemistry | \$82,852 | \$72,488 |
| English, Speech & Foreign Languages | \$125,860 | \$0 |
| Mathematics & Computer Science | \$100,000 | \$0 |
| History and Political Science | \$395,000 | \$398,979 |
| Psychology and Philosophy | \$0 | \$295,450 |
| Social Work | \$258,964 | \$208,722 |
| Total Arts and Sciences | \$2,029,425 | \$3,796,267 |
| BUSINESS | | |
| Business | \$0 | \$50,000 |
| Total Business | \$0 | \$50,000 |
| HEALTH SCIENCES | | |
| Communication Sciences and Oral Health | \$392,517 | \$391,841 |
| Dental Hygiene | \$0 | \$27,412 |
| Health Promotion and Kinesiology | \$464,687 | \$568,175 |
| Nutrition and Food Sciences | \$897,210 | \$487,580 |
| Nutrition and Food Sciences – Houston | \$0 | \$76,615 |
| Occupational Therapy – Dallas | \$25,330 | \$0 |
| Occupational Therapy – Denton | \$127,209 | \$295,836 |
| Occupational Therapy – Houston | \$18,244 | \$17,455 |
| Physical Therapy – Dallas | \$40,000 | \$86,126 |
| Physical Therapy – Houston | \$18,833 | \$0 |
| Total Health Sciences | \$1,958,700 | \$1,951,040 |
| NURSING | | |
| Nursing (Dean’s Office) | \$167,017 | \$0 |
| Nursing – Dallas | \$66,109 | \$130,931 |
| Nursing – Denton | \$0 | \$1,000 |
| Nursing – Houston | \$0 | \$27,701 |
| Total Nursing | \$233,126 | \$159,632 |
| PROFESSIONAL EDUCATION | | |
| Literacy and Learning | \$339,124 | \$0 |
| Teacher Education | \$603,680 | \$290,567 |
| Total Professional Education | \$942,804 | \$290,567 |

| OTHER | | |
|---|--------------------|--------------------|
| Blagg-Huey Library | \$729 | \$70,185 |
| Career Connections Center | \$0 | \$50,000 |
| Center for Research Design and Analysis | \$0 | \$40,000 |
| Curriculum and Strategic Initiatives | \$0 | \$4,000 |
| Financial Aid | \$0 | \$325,000 |
| Institutional Research and Data Management | \$0 | \$50,000 |
| Pioneer Center for Student Excellence | \$0 | \$748,776 |
| Research & Sponsored Programs | \$300,902 | \$294,069 |
| Student Life | \$471,303 | \$109,739 |
| Undergraduate Studies & Academic Partnerships | \$748,776 | \$0 |
| Woodcock Institute | \$450,000 | \$443,747 |
| Total Other | \$1,971,710 | \$2,135,516 |
| TOTAL OF ALL AWARDS | \$7,135,765 | \$8,383,022 |

* Departments/Divisions use FY 2022 naming structure.

Table 3
Funding Distribution by College, Department, and Individual Faculty Member 2020-2021

For accounting purposes, the award is listed in the department of the principal investigator (PI). In the instances where the co-principal investigator (Co-PI) is from a different department or campus than the PI, the Co-PI's department is shown in parentheses.

| Principal Investigator | Agency | Amount Awarded |
|--|---|-----------------------|
| ARTS and SCIENCES | | |
| Biology | | |
| Dr. Christopher Brower & Winnie Lokuso | HHS – National Institutes of Health | \$72,067 |
| Dr. Ann Davis | Texas Higher Education Coordinating Board | \$1,080 |
| Dr. Ann Davis | Joint Admission Medical Program Council | \$22,488 |
| Dr. Diana Elrod, Dr. Karen Dunlap (Teacher Education), Dr. David Gardner (Computer Science), & Dr. Robby Petros (Chemistry & Biochemistry) | National Science Foundation | \$201,628 |
| Dr. Diana Elrod, Dr. Karen Dunlap (Teacher Education), Dr. David Gardner (Computer Science), Dr. Robby Petros (Chemistry & Biochemistry) & Dr. Jorg Waltje (Center for Faculty Excellence) | National Science Foundation | \$494,068 |
| Dr. Zane Lybrand | DOD – Department of Defense | \$149,633 |
| Dr. Zane Lybrand | DOD – Department of Defense | \$89,870 |
| Dr. Zane Lybrand | DOD – Department of Defense | \$150,000 |
| Dr. Catalina Pislariu | National Science Foundation | \$125,882 |
| Dr. Juliet Spencer, Dr. Diana Elrod, Dr. Stephanie Pierce, & Dr. Jessica Gullion | National Science Foundation | \$1,500,000 |

| | | |
|---|--|--------------------|
| Dr. Juliet Spencer & Dr. Jian Zhang (Computer Science) | HHS – Health and Human Services | \$36,400 |
| Subtotal Biology | | \$2,843,116 |
| Chemistry and Biochemistry | | |
| Dr. Richard Sheardy | Welch Foundation | \$50,000 |
| Subtotal Chemistry and Biochemistry | | \$50,000 |
| Psychology and Philosophy | | |
| Dr. Elisa Na | HHS – National Institutes of Health | \$295,450 |
| Subtotal Psychology and Philosophy | | \$295,450 |
| History and Political Science | | |
| Dr. Jim Alexander | State of Texas | \$380,000 |
| Dr. Christina Bejarano | Rutgers, The State University of New Jersey | \$18,979 |
| Subtotal History and Political Science | | \$398,979 |
| Social Work | | |
| Dr. Emarely Rosa-Davila | HHS - Administration for Children and Families | \$208,722 |
| Subtotal Social Work | | \$208,722 |
| Total Arts and Sciences | | \$3,796,267 |

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|---|----------------------------|-----------------|
| BUSINESS | | |
| Business | | |
| Dr. Rama Yelkur, Dr. Rigoberto Delgado, Dr. Kittipong Boonme | US Department of Education | \$50,000 |
| Subtotal Business | | \$50,000 |
| Total Business | | \$50,000 |

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|---|--|------------------|
| HEALTH SCIENCES | | |
| Communication Sciences and Oral Health | | |
| Dr. Tamby M. Allman | U.S. Department of Education | \$248,630 |
| Dr. Erika Armstrong and Paula Chance | Texas Education Agency | \$143,211 |
| Subtotal Communication Sciences and Oral Health | | \$391,841 |
| Dental Hygiene | | |
| Professor Charlene Dickinson | Cancer Prevention and Research Institute of Texas | \$27,142 |
| Subtotal Dental Hygiene | | \$27,412 |
| Health Promotion and Kinesiology | | |
| Dr. Mandy Golman and Dr. Nila Ricks (School of Social Work, Psychology and Philosophy) | HHS – Office of Adolescence and Pregnancy Prevention | \$171,344 |
| Dr. Suzanna Dillon, Dr. Erika Armstrong (Communication Sciences and Oral Health) | U.S. Department of Education | \$245,214 |
| Dr. Suzanna Dillon | U.S. Department of Education | \$150,617 |
| Ms. Noelle Tuttle & Dr. Young-Hoo Kwon | International Society of Biomechanics | \$1,000 |
| Subtotal Health Promotion and Kinesiology | | \$568,175 |

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|--|---|--------------------|
| Nutrition & Food Sciences | | |
| Dr. Shane Broughton & Dr. Jyutika Mehta (Communication Sciences and Disorders) | City of Denton | \$58,800 |
| Dr. Shane Broughton & Dr. Jyutika Mehta (Communication Sciences and Disorders) | Superbrewed Food Inc. | \$29,886 |
| Dr. Kathleen Davis & Dr. Cynthia Warren | US Department of Agriculture | \$224,194 |
| Dr. Xiaofen Du | US Department of Agriculture | \$17,907 |
| Dr. Xiaofen Du | Century Snacks, LLC | \$5,705 |
| Dr. Xiaofen Du | Century Snacks, LLC | \$5,705 |
| Dr. Xiaofen Du | Simply Foods, LLC | \$7,760 |
| Dr. Xiaofen Du | Artemys Foods | \$17,620 |
| Dr. Xiaofen Du | Century Snacks, LLC | \$5,705 |
| Dr. Xiaofen Du | Simply Foods, LLC | \$1,600 |
| Dr. Xiaofen Du | Firmenich Aromatics | \$73,062 |
| Dr. Helen Everts | HHS – National Institutes of Health | \$39,636 |
| Subtotal Nutrition & Food Sciences | | \$487,580 |
| Nutrition & Food Sciences – Houston | | |
| Dr. Derek Miketinas | Reckitt/Mead Johnson Nutrition | \$57,415 |
| Dr. Mindy Patterson | MSP Starch Products Inc. | \$19,200 |
| Subtotal Nutrition & Food Sciences – Houston | | \$76,615 |
| Occupational Therapy (OT) – Denton | | |
| Dr. Claudette Fette & Dr. Cynthia Evetts | Moody Foundation | \$235,000 |
| Dr. Noralyn Pickens | TWU Foundation – Jean A. Spencer Foundation | \$5,466 |
| Dr. Suzanne Burns | HHS – Administration for Community Living | \$55,370 |
| Subtotal OT - Denton | | \$295,836 |
| Occupational Therapy (OT) – Houston | | |
| Dr. Patricia Bowyer | HHS – Health Resources and Services Administration | \$17,455 |
| Subtotal OT – Houston | | \$17,455 |
| Physical Therapy (PT) – Dallas | | |
| Dr. Hui-Ting Goh | DOD – Department of Defense | \$72,312 |
| Dr. Alyssa LaForme Fiss | Academy of Pediatric Physical Therapy | \$3,558 |
| Dr. Sharon Wang-Price | American Academy of Orthopaedic Manual Physical Therapist | \$6,000 |
| Dr. Sharon Wang-Price, Ms. Carissa Stoddard, and Dr. Mark Weber | Texas Physical Therapy Foundation | \$4,256 |
| Subtotal Physical Therapy – Dallas | | \$86,126 |
| Total Health Sciences | | \$1,951,040 |
| NURSING | | |
| Nursing – Dallas | | |
| Dr. Jennifer Woo | HHS – National Institutes of Health | \$130,931 |
| Subtotal Nursing – Dallas | | \$130,931 |

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|---|-------------------------------------|------------------|
| Nursing – Denton | | |
| Dr. Damon Cottrell, Dr. Stephanie Evans, and Mr. Phillip Atchison | Sigma Theta Tau International | \$1,000 |
| Subtotal Nursing – Denton | | \$1,000 |
| Nursing – Houston | | |
| Dr. Sandra Cesario & Stella Dike | Oncology Nursing Society Foundation | \$2,000 |
| Dr. Judith McFarlane | HSS – National Institutes of Health | \$25,701 |
| Subtotal Nursing – Houston | | \$27,701 |
| Total Nursing | | \$159,632 |

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|--|---|------------------|
| PROFESSIONAL EDUCATION | | |
| Teacher Education | | |
| Dr. Gina Anderson & Dr. Lisa Huffman | Texas Higher Education Coordinating Board | \$104,464 |
| Dr. Gina Anderson, Dr. Rebeca Fredrickson, & Dr. Sarah McMahan | US Department of Education | \$50,000 |
| Dr. Rebecca Fredrickson & Dr. Sarah McMahan | US Department of Education | \$136,103 |
| Subtotal Teacher Education | | \$290,567 |
| Total Professional Education | | \$290,567 |

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| OTHER | | |
| Blagg-Huey Library | | |
| Ms. Kristine Reed | Institute of Museum and Library Services | \$210 |
| Ms. Amanda Zerangue & Adrian Shapiro | Insitute of Museum and Libraray Services | \$69,975 |
| Subtotal Blagg-Huey Library | | \$70,185 |
| Career Connections Center | | |
| Brookelyn Bush & Dr. Stephanie Krauth | US Department of Education | \$50,000 |
| Subtotal Career Connections Center | | \$50,000 |
| CRDA | | |
| Dr. Paul Yeatts | HHS – Office of Minority Health | \$40,000 |
| Dr. Wanyi Wang | HHS – National Institutes of Health | \$4,105 |
| Subtotal CRDA | | \$44,105 |
| Curriculum and Strategic Initiatives | | |
| Dr. Jorge Figueroa | Greater Texas Foundation | \$4,000 |
| Subtotal Curriculum and Strategic Initiatives | | \$4,000 |
| Financial Aid | | |
| Ms. Lacey Thompson & Dr. Monica Mendez-Grant | US Department of Education | \$75,000 |
| Ms. Lacey Thompson | US Department of Education | \$250,000 |
| Subtotal Financial Aid | | \$325,000 |
| Institutional Research and Data Management | | |
| Dr. Mark Hamner, Greg Gengo & Grace Chalon | US Department of Education | \$50,000 |
| Subtotal Institutional Research and Data Management | | \$50,000 |

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| Pioneer Center for Student Excellence | | |
| Dr. Joshua Adams | US Department of Education | \$50,000 |
| Dr. Juan Armijo & Dr. Joshua Adams | US Department of Education | \$175,000 |
| Dr. Theresa Lindsay & Dr. Joshua Adams | US Department of Education | \$261,888 |
| Dr. Theresa Lindsay & Dr. Joshua Adams | US Department of Education | \$261,888 |
| Subtotal Pioneer Center for Student Excellence | | \$748,776 |
| Research & Sponsored Programs | | |
| Dr. Holly Hansen-Thomas | U.S. Department of Education | \$289,964 |
| Subtotal Research & Sponsored Programs | | \$289,964 |
| Student Life | | |
| Dr. Stephanie Brown & Ms. Amy Allison | U.S. Department of Justice | \$57,856 |
| Dr. Monica-Mendez-Grant, Dr. Stephanie Krauth & Dr. Becky Rodriguez | Texas Higher Education Coordinating Board | \$51,882 |
| Ms. Amy Eileen O'Keefe & Dr. Catherine Dutton (Human Development, Family Studies, and Counseling) | U.S. Department of Education | \$1 |
| Subtotal Student Life | | \$109,739 |
| Woodcock Institute | | |
| Dr. Daniel Miller | TWU Foundation – Richard W. Woodcock Endowment Fund | \$435,000 |
| Dr. Daniel Miller & Dr. Nila Ricks | University of North Texas | \$8,747 |
| Subtotal Woodcock Institute | | \$443,747 |
| Total Other | | \$2,135,516 |
| TOTAL OF ALL AWARDS | | \$8,383,022 |

**Table 4
Comparison of Funding by Campus**

| Location | 2020-2021 | 2021-2022 |
|-----------------|--------------------|--------------------|
| Dallas Campus | \$106,109 | \$217,057 |
| Denton Campus | \$6,992,579 | \$8,044,194 |
| Houston Campus | \$37,077 | \$121,771 |
| TOTAL | \$7,135,765 | \$8,383,022 |

B. Distribution by Funding Source

Tables 5 and 6 provide a breakdown of funding by agency type.

**Table 5
Comparison of Funding by Type of Funding Source**

| | 2020-2021 | | 2021-2022 | |
|--------------|--------------------|---------------|--------------------|---------------|
| Federal | \$5,240,876 | 73.5% | \$6,595,021 | 78.67% |
| Private | \$1,059,001 | 14.8% | \$970,938 | 11.58% |
| State | \$773,288 | 10.8% | \$739,284 | 8.82% |
| Other | \$62,600 | 0.9% | \$77,779 | 0.93% |
| TOTAL | \$7,135,765 | 100.0% | \$8,383,022 | 100.0% |

**Table 6
External Funding Agencies Supporting Research and Sponsored Projects at TWU during FY 2022**

| Agency | # of awards | Total Amount |
|---|--------------------|---------------------|
| FEDERAL FUNDING | | |
| DOD – Department of Defense | 4 | \$461,815 |
| HHS – Administration for Children and Families | 1 | \$208,722 |
| HHS – Administration for Community Living | 1 | \$55,370 |
| HHS – Health and Human Services | 1 | \$36,400 |
| HHS – Health Resources & Services Administration | 1 | \$17,455 |
| HHS – National Institutes of Health | 8 | \$567,890 |
| HHS – Office of Adolescence and Pregnancy | 2 | \$171,344 |
| HHS – Office of Minority Health | 1 | \$40,000 |
| Institute of Museum and Library Services | 2 | \$70,185 |
| National Science Foundation | 4 | \$2,321,578 |
| U.S. Department of Agriculture | 2 | \$242,101 |
| U.S. Department of Education | 16 | \$2,344,305 |
| U.S. Department of Justice | 1 | \$57,856 |
| TOTAL FEDERAL FUNDING | 44 | \$6,595,021 |
| PRIVATE FUNDING | | |
| Academy of Pediatric Physical Therapy | 1 | \$3,558 |
| American Academy of Orthopaedic Manual Physical Therapist | 1 | \$6,000 |
| Artemys Foods | 1 | \$17,620 |
| Century Snacks, LLC | 3 | \$17,115 |
| Firmenich Aromatics | 1 | \$73,062 |
| Greater Texas Foundation | 1 | \$4,000 |
| International Society of Biomechanics | 1 | \$1,000 |
| Moody Foundation | 1 | \$235,000 |
| MSP Starch Foods, Inc | 1 | \$19,200 |

| PRIVATE FUNDING | | |
|---|-----------|------------------|
| Oncology Nursing Society Foundation | 1 | \$2,000 |
| Reckitt/Mead Johnson Nutrition | 1 | \$57,415 |
| Sigma Theta Tau International | 1 | \$1,000 |
| Simply Foods, LLC | 2 | \$9,360 |
| Superbrewed Food Inc. | 1 | \$29,886 |
| Texas Physical Therapy Foundation | 1 | \$4,256 |
| TWU Foundation – Jean A. Spencer Research Award | 1 | \$5466 |
| TWU Foundation – Richard W. Woodcock Endowment Fund | 1 | \$435,000 |
| Welch Foundation | 1 | \$50,000 |
| TOTAL PRIVATE FUNDING | 21 | \$970,938 |

| STATE FUNDING | | |
|---|-----------|------------------|
| Cancer Prevention and Research Institute of Texas | 1 | \$27,412 |
| Joint Admission Medical Program Council | 5 | \$22,488 |
| State of Texas | 1 | \$380,000 |
| Texas Education Agency | 1 | \$143,211 |
| Texas Higher Education Coordinating Board | 3 | \$157,426 |
| University of North Texas | 1 | \$8,747 |
| TOTAL STATE FUNDING | 12 | \$739,284 |

| OTHER FUNDING | | |
|---|----------|-----------------|
| City of Denton | 2 | \$58,800 |
| Rutgers, The State University of New Jersey | 1 | \$18,979 |
| TOTAL OTHER FUNDING | 3 | \$77,779 |

| | | |
|--------------|-----------|--------------------|
| TOTAL | 80 | \$8,383,022 |
|--------------|-----------|--------------------|

C. Distribution by Project Type

Table 7 provides a breakdown of funding by project type. State accountability measures focus on research funding and related expenditures.

**Table 7
Comparison of Awards by Project Type**

| | 2020-2021 | | 2021-2022 | |
|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | Number of Awards | Amount of Awards | Number of Awards | Amount of Awards |
| Institutional Support | 4 | \$286,000 | 5 | \$229,000 |
| Instruction | 16 | \$1,805,102 | 18 | \$1,925,113 |
| Research | 31 | \$3,634,535 | 48 | \$5,093,532 |
| Scholarship or Fellowship | 5 | \$521,912 | 4 | \$696,310 |
| Service | 9 | \$888,216 | 5 | \$439,067 |
| TOTAL | 65 | \$7,135,765 | 80 | \$8,383,022 |

II. Proposals Submitted for External Funding

Total Proposals Submitted (All Types)

| | |
|------------------------|---------------|
| FY 2013: \$ 12,365,076 | 73 Submitted |
| FY 2014: \$ 34,950,606 | 74 Submitted |
| FY 2015: \$ 22,773,865 | 83 Submitted |
| FY 2016: \$ 28,084,897 | 87 Submitted |
| FY 2017: \$ 30,020,496 | 102 Submitted |
| FY 2018: \$ 39,398,483 | 112 Submitted |
| FY 2019: \$ 34,062,653 | 116 Submitted |
| FY 2020: \$ 28,911,248 | 111 Submitted |
| FY 2021: \$ 31,697,560 | 106 Submitted |
| FY 2022: \$ 31,865,464 | 121 Submitted |

Research Proposals Submitted

| | |
|------------------------|--------------|
| FY 2013: \$ 6,982,672 | 46 Submitted |
| FY 2014: \$ 13,756,834 | 45 Submitted |
| FY 2015: \$ 14,119,690 | 60 Submitted |
| FY 2016: \$ 15,329,988 | 56 Submitted |
| FY 2017: \$ 22,689,597 | 66 Submitted |
| FY 2018: \$ 30,869,118 | 80 Submitted |
| FY 2019: \$ 23,776,695 | 90 Submitted |
| FY 2020: \$ 20,905,910 | 88 Submitted |
| FY 2021: \$ 26,047,917 | 79 Submitted |
| FY 2022: \$ 22,761,532 | 91 Submitted |

Following is a more detailed breakdown of proposals submitted in FY 2022 compared with the previous fiscal year.

Table 8
Comparison of Proposal Submissions by Type of Funding Source

| | 2020-2021 | | 2021-2022 | |
|--------------|---------------------|---------------------|---------------------|---------------------|
| | Number of Proposals | Amount Requested | Number of Proposals | Amount Requested |
| Federal | 60 | \$26,821,664 | 65 | \$28,756,222 |
| State | 3 | \$512,479 | 7 | \$920,271 |
| Private | 40 | \$4,183,417 | 47 | \$2,167,471 |
| Other | 3 | \$180,000 | 2 | 21,500 |
| TOTAL | 106 | \$31,697,560 | 121 | \$31,865,464 |

Table 9
Comparison of Proposal Submissions by Project Type

| | 2020-2021 | | 2021-2022 | |
|---------------------------|---------------------|---------------------|---------------------|---------------------|
| | Number of Proposals | Amount Requested | Number of Proposals | Amount Requested |
| Institutional Support | 2 | \$151,400 | 4 | \$179,000 |
| Instruction | 10 | \$3,256,624 | 13 | \$6,782,898 |
| Research | 79 | \$26,047,917 | 91 | \$22,761,532 |
| Scholarship or Fellowship | 4 | \$1,357,538 | 6 | \$1,404,766 |
| Service | 11 | \$884,081 | 7 | \$737,268 |
| TOTAL | 106 | \$31,697,560 | 121 | \$31,865,464 |

Table 10
Comparison of Proposal Submissions by College

| | 2020-2021 | | 2021-2022 | |
|------------------------|---------------------|---------------------|---------------------|---------------------|
| | Number of Proposals | Amount Requested | Number of Proposals | Amount Requested |
| Arts and Sciences | 36 | \$12,994,749 | 38 | \$10,647,932 |
| Business | 0 | \$0 | 4 | \$2,143,025 |
| Health Sciences | 35 | \$4,158,123 | 42 | \$4,320,097 |
| Nursing | 14 | \$7,405,207 | 13 | \$5,445,339 |
| Other | 12 | \$1,660,407 | 15 | \$4,507,620 |
| Professional Education | 9 | \$5,479,074 | 9 | \$4,801,451 |
| TOTAL | 106 | \$31,697,560 | 21 | \$31,865,464 |

Tables 11 and 12 provide the funding rate for the proposals submitted for the past 5 fiscal years.

Table 11
Funding Rate of All Proposals Submitted

| | Total # Submitted | Proposals Awarded | Proposals Not Awarded | Funding Rate |
|---------|-------------------|-------------------|-----------------------|--------------|
| FY 2017 | 102 | 38 | 64 | 37.25% |
| FY 2018 | 112 | 31 | 81 | 27.68% |
| FY 2019 | 116 | 40 | 76 | 34.48% |
| FY 2020 | 111 | 37 | 74 | 33.33% |
| FY 2021 | 106 | 39 | 67 | 36.79% |
| FY 2022 | 121 | * | * | * |

* Data not yet complete

Table 12
Funding Rate of All Research Proposals Submitted

| | Total # Submitted | Proposals Awarded | Proposals Not Awarded | Funding Rate |
|---------|-------------------|-------------------|-----------------------|--------------|
| FY 2017 | 66 | 18 | 48 | 27.27% |
| FY 2018 | 80 | 18 | 62 | 22.50% |
| FY 2019 | 90 | 23 | 67 | 25.56% |
| FY 2020 | 88 | 23 | 65 | 26.14% |
| FY 2021 | 79 | 22 | 57 | 27.85% |
| FY 2022 | 90 | * | * | * |

* Data not yet complete

**Table 13
Funding Rate of Federal Proposals Submitted**

| | Total # Submitted | Proposals Awarded | Proposals Not Awarded | Funding Rate |
|---------|--------------------------|--------------------------|------------------------------|---------------------|
| FY 2017 | 51 | 16 | 35 | 31.37% |
| FY 2018 | 47 | 12 | 35 | 25.53% |
| FY 2019 | 51 | 14 | 37 | 27.45% |
| FY 2020 | 64 | 19 | 45 | 29.69% |
| FY 2021 | 60 | 23 | 37 | 38.33% |
| FY 2022 | 65 | * | * | * |

* Data not yet complete

III. Active Projects

Table 14 provides the total amount of active grants each fiscal year by project type based on the beginning date and end date of a budget period.

**Table 14
Active Awards**

| | Research | Instruction | Scholarship/ Fellowship | Service | Institutional Support | TOTAL |
|---------|-----------------|--------------------|------------------------------------|----------------|----------------------------------|--------------|
| FY 2017 | \$6,400,793 | \$6,171,607 | \$2,151,085 | \$1,760,642 | \$211,356 | \$16,695,483 |
| FY 2018 | \$7,552,526 | \$5,459,015 | \$2,434,623 | \$1,555,583 | \$130,000 | \$17,161,747 |
| FY 2019 | \$6,546,796 | \$4,547,425 | \$2,095,340 | \$1,519,701 | \$122,000 | \$14,831,262 |
| FY 2020 | \$8,203,169 | \$2,670,200 | \$1,259,370 | \$1,267,566 | \$92,582 | \$13,492,887 |
| FY 2021 | \$9,023,605 | \$3,412,815 | \$1,022,343 | \$1,538,158 | \$328,582 | \$15,325,503 |
| FY 2022 | \$11,709,159 | \$3,766,561 | \$1,624,146 | \$1,045,442 | \$1,252,855 | \$19,398,163 |

IV. CARES Funding

Beginning in spring 2020, TWU applied for and received formula funding through the CARES Act: Higher Education Emergency Relief Fund (HEERF). The HEERF provided fast and direct economic aid to the American people negatively impacted by the COVID-19 pandemic and could be used to cover costs associated with significant changes to the delivery of instruction due to the coronavirus and expand support for students with the most significant financial needs arising from the coronavirus pandemic. These funds are primarily managed through the Office of the Controller.

V. Research Expenditures

Research expenditures include all funds spent by TWU to support research. The Texas Higher Education Coordinating Board's accountability system includes research activity among its indicators. Four state accountability measures relate to the amount of research expenditures reported. The first column below shows total research expenditures, including state-appropriated research funds, indirect costs, external awards, and pass-through funds to other entities with whom TWU collaborates on projects as reported on the Research Expenditure Survey to the National Science Foundation.

Total Research Expenditures

FY 2012: \$ 3,853,991
 FY 2013: \$ 2,562,078
 FY 2014: \$ 2,497,818
 FY 2015: \$ 2,199,947
 FY 2016: \$ 2,878,451
 FY 2017: \$ 3,937,973
 FY 2018: \$ 4,821,988
 FY 2019: \$ 4,252,624
 FY 2020: \$ 4,134,695
 FY 2021: \$ 4,672,948
 FY 2022: \$ 5,781,043

Federal Research Expenditures

FY 2012: \$ 1,908,240
 FY 2013: \$ 1,136,427
 FY 2014: \$ 960,889
 FY 2015: \$ 722,307
 FY 2016: \$ 573,354
 FY 2017: \$ 944,627
 FY 2018: \$ 1,040,465
 FY 2019: \$ 1,864,021
 FY 2020: \$ 1,700,481
 FY 2021: \$ 1,513,645
 FY 2022: \$ 2,091,124

VI. Comprehensive Research Funds (CRF)

The Texas comprehensive research fund provides funding from the Texas Higher Education Coordinating Board per [Subchapter E, Sec. 62.091 of the Texas Education Code](#) to promote increased research capacity. The amount is appropriated based on the average amount of restricted research funds expended by each institution per year for the three preceding state fiscal years.

| Fiscal Year | Restricted Expenditures | Amount of CRF |
|-------------|-------------------------|---------------|
| FY 2012 | \$1,406,182 | \$133,076 |
| FY 2013 | \$1,521,421 | \$133,076 |
| FY 2014 | \$1,381,269 | \$146,731 |
| FY 2015 | \$1,151,951 | \$146,731 |
| FY 2016 | \$1,331,324 | \$135,042 |
| FY 2017 | \$1,790,835 | \$135,042 |
| FY 2018 | \$2,244,224 | \$107,572 |
| FY 2019 | \$3,554,493 | \$107,572 |
| FY 2020 | \$3,062,936 | \$152,152 |
| FY 2021 | \$2,943,320 | \$152,152 |
| FY 2022 | \$3,203,401 | \$240,825 |

VII. Facilities and Administrative (Indirect) Costs

TWU's on-campus federally-negotiated facilities and administrative (F&A) rate during FY 2021 was 42.7% of salaries and wages. The amount of F&A recovered for FY 2012 – FY 2021 is listed below.

FY 2013 \$ 453,650.30
 FY 2014 \$ 521,994.51
 FY 2015 \$ 567,325.97
 FY 2016 \$ 604,431.60
 FY 2017 \$ 544,562.26
 FY 2018 \$ 480,409.03
 FY 2019 \$ 395,008.33
 FY 2020 \$ 322,245.29
 FY 2021 \$ 363,957.41
 FY 2022 \$ 481,529.80