



RESEARCH &  
SPONSORED PROGRAMS  
TEXAS WOMAN'S UNIVERSITY

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**2024-2025**

## **ANNUAL REPORT**

From the

Vice Provost for Research Innovation and Corporate Engagement



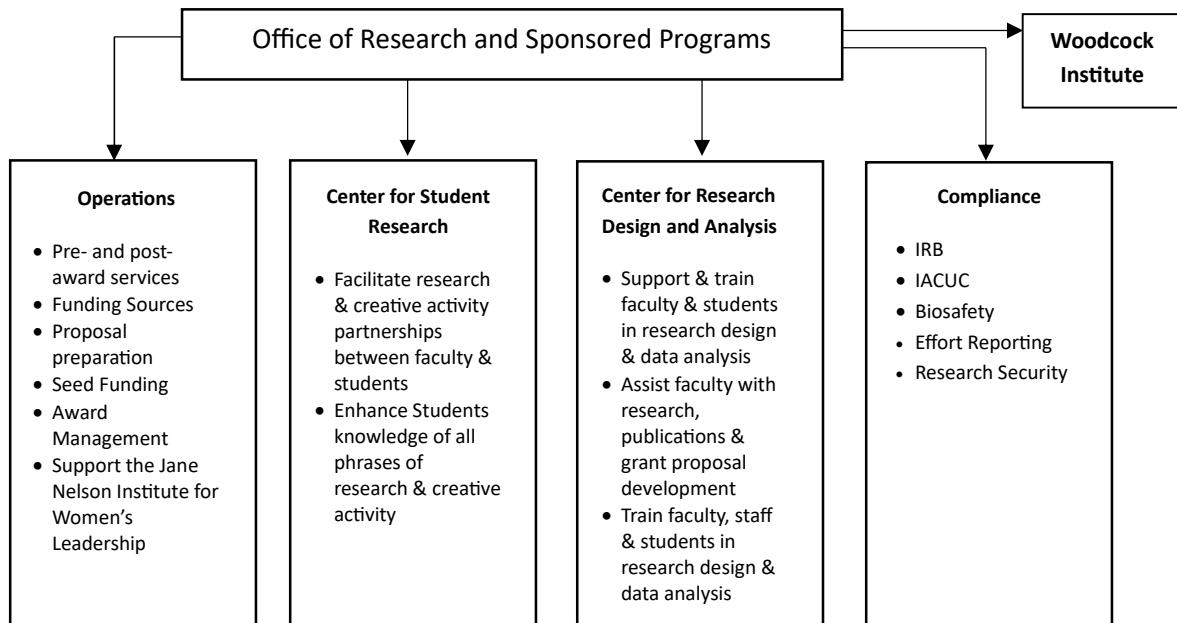


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## About the Office of Research and Sponsored Programs (ORSP)



The Office of Research and Sponsored Programs (ORSP) is centralized research administration office that provides direct support to researchers at TWU in various forms. Pre-award and post award support is given to TWU faculty, staff, and students who are seeking, or have received, external funding for their research and other sponsored programs. This support includes guideline review, proposal development, budget preparation, and proposal routing and submission. ORSP facilitates contract review, routing, and execution and matters of Intellectual Property. Working collaboratively with departments, ORSP provides support to funded researchers to assist with payroll, purchasing, travel, questions related to allowable costs, and reporting. To support faculty, ORSP manages several internal funding and incentive programs for faculty research. ORSP also supports the various compliance-related committees such as the Institutional Review Board, Institutional Animal Care and Use Committee, Institutional Bio safety Committee, and Radiation Safety Committee and provides scientific research equipment repair services.

## 2024-25 Associate Deans for Research

The Associate Deans of Research support the research development activities of their college.

*MAK College of Business & Entrepreneurship* - Dr. Lee Brown, Director of Research, [lbrown3@twu.edu](mailto:lbrown3@twu.edu)

*College of Arts & Science* - Dr. Genevieve West, Associate Dean for Research, [GWest@twu.edu](mailto:GWest@twu.edu)

*College of Health Sciences* - Dr. Noralyn Pickens, Associate Dean for Inter Professional Education and Strategic Initiatives, [npickens@twu.edu](mailto:npickens@twu.edu)

*College of Professional Education* - Dr. Maria Peterson-Ahmad, Associate Dean for Research, Inclusion, and Innovation, [mpeterson3@twu.edu](mailto:mpeterson3@twu.edu)

## STAFF



Dr. Holly Hansen-Thomas,  
Vice Provost for Research, Innovation and  
Corporate Engagement

## Operations



Ms. Julia Mark,  
Director of Operations



Ms. Tracy Lindsay,  
Special Projects Advisor



Ms. Rocio Gutierrez,  
Assistant Director of Pre  
and Post Award



Ms. Amber Fenton,  
Research Administration  
Specialist



Dr. Grace Ofoh,  
Research Administration  
Associate - Houston



Ms. Reshma Dega,  
Project Coordinator,  
Admin Assistant to VPRICE



Ms. Taylor Olivarez  
Research Administration  
Associate



Ms. Adity Dhungana,  
Research Administration  
Specialist



Ms. LeJuan Byford,  
Research Compliance  
Coordinator/Research Security Officer



Ms. Sandy Owens,  
Research Compliance Specialist

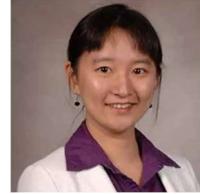
## Center for Research Design and Analysis



Dr. Paul Yeatts,  
Director



Ms. Jessie Brauer,  
Manager



Dr. Wanyi Wang,  
Senior Statistician



Dr. Ryan Hull,  
Statistician



Dr. Thomas Guffey,  
Statistician

## Center for Student Research



Dr. Diana Elrod,  
Director



Ms. Heather Williams,  
Administrative Assistant

## ANNUAL RESEARCH EXPENDITURES

TWU is currently designated as a “Research 2: High Spending and Doctorate Production” (R-2) institution for the 2025 Carnegie Classifications.

The research expenditure as reported on the HERD survey is shown below. Note that the expenditures are rounded to the nearest thousand. These expenditures are funds spent by TWU to support research activities, including state-appropriated research funds, indirect costs (both received and unrecovered), and pass-through funds to other higher education institutions with whom we collaborate on research projects.

Classification is based on the last three years rolling research expenditures amounts or the most recent year, whichever is higher ([https://carnegieclassifications.iu.edu/classification\\_descriptions/basic.php](https://carnegieclassifications.iu.edu/classification_descriptions/basic.php))

2025	2024	2023	2022
11,464K	8,998K	6,922K	6,029K

### Federal Research Expenditures

2025	2024	2023	2022
3,499K	3,026K	2,439K	2,091K

## INTERNAL FUNDING

The Office of Research and Sponsored Programs, with the financial support of Texas Woman’s University, runs numerous internal grant opportunities to support new and tenured faculty with the development and supplement of grants. This investment in our faculty facilitates research growth and excellence throughout the university. In 2024-25, **84** faculty from **30** departments received an internal award for a total of **\$574,397** invested back into our research community.

### Chancellor’s Research Faculty Scholar Program

The Chancellor’s Research Faculty Scholar Program (CRF), supported by funds received from the TWU Chancellor’s Circle and the TWU Foundation, brings peer support and resources together for faculty. The objectives are to identify faculty with strong potential for obtaining external funding for research; to match each protégé with an experienced mentor; and to provide additional research support that will help both protégés and mentors succeed. The protégés should demonstrate a strong potential for research but need some assistance to build a research program and become competitive for external funding. Protégés and mentors are faculty with successful records of research publication and external funding.

Protégés and mentors receive monetary awards to use for their individual research needs. Mentors assist their protégés in developing their research agendas and grant applications. Protégés are responsible for submitting at least one proposal for external funding during the fellowship year or the following academic year.

The 2024-25 Chancellor’s Research Faculty Scholar Program protégés and their mentors were:

Aimee Hendrix: Literacy and Learning

*mentored by Mary Amanda (Mandy) Stewart, TWU, Literacy and Learning*

Elif Isik: Nursing - Houston

*mentored by Jean-Marie Bruzzese, Columbia University School of Nursing*

Mandana Pahlavani: Nutrition & Food Sciences

*mentored by Anand Rohatgi, UTSW - Internal Medicine*

Zhipeng Tao: Nutrition & Food Sciences

*mentored by William Harbour, UT Southwestern Medical Center*

Venkata Prasanth Yanambaka: Computer Science

*mentored by Jian Zhang, Computer Science, TWU*

## **Creative Arts and Humanities Grant Program**

The purpose of the Creative Arts and Humanities Grant Program is to support TWU faculty projects in areas which ordinarily have very limited opportunity to receive external grant funding yet have the potential to enhance scholarship and TWU's profile nationally and internationally.

Funds are used for a wide range of projects. Examples include performances, art exhibitions, documentaries, creative writing, archival research, pedagogical research, and the development of book manuscripts. In addition, a wide range of research methodologies will be considered such as historic, interpretive, analytical, arts based, descriptive, Indigenous, qualitative, and quantitative methods.

Competitions are held in the Spring and Fall semester of each year. The recipients of Creative Arts and Humanities Grant Program awards in 2024-25 were:

Professor Megan Griffiths, MFA: Visual Arts

Dr. Jason Lambert & Dr. Gabrielle Smith: Business and Psychology & Philosophy

Dr. Sierra Mendez: Language, Culture, & Gender Studies

Professor Michele (Sheli) Petersen, MFA: Visual Arts

Dr. Gabrielle Smith: Psychology & Philosophy

Dr. Stina Soderling: Multicultural Women's and Gender Studies

Dr. Mary Amanda (Mandy) Stewart: Literacy and Learning

## **Hanover Grants Academy**

The Hanover Grants Academy is a collaboration between the Center for Research Design and Analysis and the Hanover Research firm. The Academy seeks to discover and encourage individuals of outstanding talent with a keen interest in research. This program is intended to strengthen emerging researchers' ability to produce highly credible and fundable research proposals that will not only expand and contribute to knowledge and literature in their respective fields but also bring research prestige and funding to Texas Woman's University.

Research professionals selected receive individualized mentoring on the grant writing process. Grant funding is an increasingly competitive process in which guided expertise is critical to crafting the most fundable research proposals. The ability to describe one's research in a way that can be understood and valued is critical in the competitive selection process. The 12 faculty research recipients of the 2024-25 Hanover Grants Academy were:

Dr. Nancy Anderson: Literacy and Learning

Dr. Paria Aria: Library and Information Studies

Dr. Gage Jeter: Language, Culture, & Gender Studies

Dr. Mikyoung Lee: Nursing - Dallas

Dr. Yunxiang Li: Chemistry & Biochemistry

Dr. Yong (Nathan) Li: Social Work

Dr. Kial-Ann Rasmussen: Occupational Therapy  
Dr. Stefanie Rogers: Occupational Therapy  
Dr. Chanam Shin: Nursing  
Dr. Stina Soderling: Multicultural Women's and Gender Studies  
Dr. Brenda Swilley: Nursing - Dallas  
Dr. Sarah Wainscott: Communication Sciences & Oral Health

### **Jane Nelson Institute for Women's Leadership**

*NOTE: ORSP has partnered with the Jane Nelson Institute for Women's Leadership (JNIWL) to provide administrative support for initiatives across campus that promote and support women's leadership. FY 2025 marked the final year of ORSP's partnership with the Jane Nelson Institute.*

The express purpose of funding allocated by the JNIWL is to help women advance their leadership skills and experience to prepare them to take on successful roles in business ownership and public service. One of the goals of the JNIWL is to be the repository of research and information about women's leadership. This program is intended to provide funds for TWU faculty and staff to conduct projects that contribute to this goal. Applications are accepted year-round with no specific deadline.

There is no upper limit on the amount that can be requested. Awards are typically under \$100,000 per year. For 2024-25 there were 24 awards totaling \$2,149,897.

### **Publication Fund**

TWU allocates funds to support publication costs. These funds are intended to allow researchers to pay expenses associated with publication. Priority is given to publications on the Directory of Open Access Journals (DOAJ) list or published as a hybrid-open access journal, to researchers seeking external funding, and to applicants who have not already received support in the current year. The recipients of Publication Fund awards in 2024-25 were:

Dr. Hui-Ting Goh: Physical Therapy - Dallas  
Dr. Shaochen Huang: Kinesiology  
Dr. Jason Lambert: Business  
Dr. Oluchukwu Obiora: Nursing - Houston  
Dr. Heather Roberts: Occupational Therapy  
Dr. Asha Vas: Occupational Therapy - Dallas  
Dr. Ann Wheeler & Dr. Holly Hansen-Thomas: Mathematics and Research & Sponsored Programs

### **Research Enhancement Program**

The Research Enhancement Program (REP) provides seed money up to \$10,000 so faculty members can compete more successfully for larger research grants from external sources for continuation of their research. The REP supports all types of faculty research.

All full-time tenured faculty, research faculty, and tenure-track faculty at TWU are eligible to apply and serve as PI and co-investigators. Tenured and research faculty are evaluated separately from tenure-track faculty who are not yet tenured (thus considered a "new investigator") with funds being designated separately for each group. Competitions are held in the Spring and Fall semester of each year.

#### **New Investigator REP awards**

Dr. Brittany Huelett: Human Sciences  
Dr. Adam Jones: Human Sciences  
Dr. Rebecca Lucero Jones & Dr. Adam Jones: Human Sciences  
Dr. Yong (Nathan) Li & Dr. Nila Ricks: Social Work  
Dr. Zane Lybrand: Biology  
Dr. Ronna Robbins: Nutrition & Food Sciences  
Dr. Gustavo Salazar: Chemistry & Biochemistry

#### **Continuing Faculty REP awards**

Dr. Christopher Brower: Biology  
Dr. Xiaofen Du: Nutrition & Food Sciences  
Dr. Ngozi Mbue: Nursing – Houston  
Dr. Lisa Rosen & Dr. Linda Rubin: Psychology & Philosophy  
Dr. Juliet Spencer: Biology  
Dr. Zhipeng Tao: Nutrition & Food Sciences  
Dr. Danhui Wang: Nutrition & Food Sciences

#### **Small Grants Program**

The Small Grants Program provides support for research that could eventually become the basis for a proposal for external research grant. Small grants are primarily intended to allow principal investigators to take advantage of unusual opportunities that arise, particularly to obtain preliminary or pilot data. Typically, only one grant per faculty member is awarded per fiscal year. The twenty faculty below were awarded small grants during 2024-25, and 20 awards were utilized, totaling \$20,717.

Dr. Christine Adame: Arts, Visual Arts  
Dr. Dayna Averitt: Biology  
Dr. Jace Brown: Physical Therapy Dallas  
Dr. Kathleen Davis: Nutrition & Food Sciences  
Dr. Xiaofen Du: Nutrition & Food Sciences  
Dr. Helen Everts: Nutrition & Food Sciences  
Dr. Jincy Immanuel: Nursing Denton  
Dr. Yong (Nathan) Li: Social Work  
Dr. Shiru Lin: Chemistry & Biochemistry  
Dr. Catherine Mbango: Nursing Houston  
Dr. Brenda Moore: Nursing Houston

Dr. Joel Muro: Human Sciences  
Dr. Mandana Pahlavani: Nutrition & Food Science  
Dr. Alannah Rivers: Social Work, Psychology & Philosophy  
Dr. Martin Rosario: Physical Therapy  
Dr. Katherine Rose: Human Sciences  
Dr. Lisa Rosen: Social Work, Psychology & Philosophy  
Dr. Wesley Tucker: Nutrition & Food Sciences Houston  
Dr. Asha Vas: Occupational Therapy Dallas  
Dr. Danhui Wang: Nutrition & Food Sciences

#### **Teaching and Research Grants for Equipment and Technology Program**

The purpose of the Teaching and Research Grant for Equipment and Technology (TARGET) is to provide a mechanism for researchers at TWU to obtain research equipment, ideally for shared use, or for faculty at TWU to obtain equipment to enhance the scholarship of teaching and learning in the classroom or lab in face-to-face, online, or hybrid teaching environments. Approximately \$111,574 has been allocated from the academic affairs HEF funding and other one-time funding to support this initiative. The recipients of the TARGET awards in 2024-25 were:

Dr. Ashley Bender, Dr. Rima Abunasser & Rachel Johnston: Language, Culture & Gender Studies  
Dr. Helen Everts: Nutrition & Food Sciences  
Dr. Shamil Juma & Dr. Ronna Robbins: Nutrition & Food Sciences  
Dr. Zhipeng Tao: Nutrition & Food Sciences  
Dr. Danhui Wang, Dr. Xiaofen Du & Dr. Mandana Pahlavani: Nutrition & Food Sciences

## Travel Assistance Fund

The Travel Assistance Fund enables faculty to defray travel expenses associated with presenting scholarly outcomes at professional conferences or attending meetings where they will receive major awards. The average award is typically \$1200. The fifty members listed below utilized this grant, either virtually or in person, with awards totaling \$57,196.

Dr. Paria Aria: Library & Information Studies  
Dr. Michaine Ashley: Teacher Education  
Dr. William Benner: Language, Culture, & Gender Studies  
Dr. Christopher Brower: Biology  
Dr. Sandra Cesario: Nursing - Houston  
Dr. Wen-Hsing Cheng: Nutrition & Food Sciences  
Dr. Dowon Choi: Psychology & Philosophy  
Dr. Elisa De La Rosa: Dance  
Dr. Xiaofen Du: Nutrition & Food Sciences  
Dr. Niki Fogg: Nursing - Denton  
Dr. Rebecca Fredrickson: Teacher Education  
Dr. Wyona Freysteinson: Nursing - Houston  
Dr. Sarah Gamblin: Dance  
Dr. Jonathan Gratch: Computer Science  
Dr. Brian Harding: Psychology & Philosophy  
Dr. Christian Hart: Psychology & Philosophy  
Dr. Lou Ann Hintz: Occupational Therapy - Dallas  
Dr. Catherine Howerter: Professional Education  
Dr. Brittany Huelett: Human Sciences  
Dr. Elif Isik: Nursing - Houston  
Dr. Joni Jensen: Music  
Dr. Gage Jeter: Language, Culture, & Gender Studies  
Dr. Mijin Kim: Psychology & Philosophy  
Dr. Priya Kizhakkethil: Library & Information Studies  
Dr. Laura Kubin: Nursing -Dallas  
Dr. Seonhwa Lee: Human Sciences

Dr. Shiru Lin: Chemistry & Biochemistry  
Dr. Peggy Lisenbee: Literacy and Learning  
Dr. Fuqin Liu: Nursing - Denton  
Dr. Aaron Loeb: Nursing - Houston  
Dr. Sarah McMahan: Teacher Education  
Dr. Jyutika Mehta: Communication Sciences & Oral Health  
Dr. Derek Miketinas: Nutrition & Food Sciences - Houston  
Dr. Angela Mooney: Language, Culture, & Gender Studies  
Dr. Rupal Patel: Physical Therapy - Houston  
Dr. Michele (Sheli) Petersen: Visual Arts  
Dr. Lisa Rosen: Psychology & Philosophy  
Dr. Chanam Shin: Nursing - Denton  
Dr. William Sit: Occupational Therapy - Dallas  
Dr. Sharla Snider: Literacy and Learning  
Dr. Ludovic Sourdot: Teacher Education  
Dr. Zhipeng Tao: Nutrition & Food Sciences  
Dr. Jeffrey Tarr: Music  
Dr. Ahmet Tmava: Library and Information Studies  
Dr. Danhui Wang: Nutrition and Food Sciences  
Dr. Charmian Wells: Dance  
Dr. Ann Wheeler: Mathematics  
Dr. Philip Yang: Social Sciences and Historical Studies, Sociology  
Dr. Vyacheslav Zavalin: Library and Information Studies  
Dr. Tara Zimmerman: Library and Information Studies

## **Incentive Programs**

ORSP supports two programs that provide financial support for the time spent on proposal development and in recognition of salary savings on external grants.

The Proposal Development and Submission Incentive Program provides incentives ranging from \$500 - \$1,500 to principal investigators for the development and submission of eligible proposals for external funding. Eligible proposals will meet all standards of the Timeline for Proposal Routing and Approval developed by our department.

TWU also offers the Faculty Research Incentive Program (FRIP) to recognize and reward recipients who have received external funding and charge a portion of their salary to external grants. Incentive payments for the FRIP are made during the summer as task payments.

## **SERVICES TO RESEARCHERS**

ORSP provides many types of services and coordinates with other offices and departments across campus to make resources available and accessible to the TWU research community.

### **Center for Research Design and Analysis**

The mission of the Center for Research Design and Analysis is to elevate the quality and quantity of student and faculty research at Texas Woman's University.

CRDA staff work to meet this mission through a variety of services designed to increase faculty and students' knowledge about the research process and data analysis for both qualitative and quantitative studies. Developing the education and development of the faculty with respect to research skills enhances the ability of faculty to mentor students and models the essential value of lifelong learning.

### **ClinicalTrials.gov**

ClinicalTrials.gov is a Web-based resource that provides patients, their family members, health care professionals, researchers, and the public with easy access to information on publicly and privately supported clinical studies on a wide range of diseases and conditions. Studies are generally submitted to the Website by the principal investigator (that is, registered) when they begin, and the information on the site is updated throughout the study. In some cases, results of the study are submitted after the study ends.

### **Funding Opportunity Database**

In addition to assisting researchers individually with finding sources of external funding that match their research interests, TWU has a subscription to the SPIN database. InfoEd's Sponsored Programs Information Network (SPIN) database contains over 40,000 funding opportunities from more than 10,000 sponsors and is available to TWU faculty, staff, and students.

SPIN contains funding information on a broad range of topics as well as access to selected Request for Proposals (RFPs) from the Commerce Business Daily (CBD) and the entire Federal Register (FR). Through SPIN, investigators can set up profiles and receive periodic emails alerting them to funding opportunities.

## Intellectual Property and Innovation

Texas Woman's University's [URP 02.400: Intellectual Property](#) covers the ownership, distribution, and commercial development of intellectual property developed by TWU faculty, staff, students, and others participating in TWU programs. TWU's Intellectual Property Flow Chart: [Internal Invention Flow Chart](#)

### SciENcv

Currently, these federal agencies require the use of SciENcv for creating biographical sketches and current and pending support documents, [National Institutes of Health \(NIH\)](#), [National Science Foundation \(NSF\)](#), [Department of Energy \(DOE\)](#), [United States Department of Agriculture](#), and [Institute of Education Sciences \(IES\)](#). The Office of Research and Sponsored Programs have team members ready to assist with SciENcv needs.

## STUDENT CREATIVE ARTS AND RESEARCH SYMPOSIUM

The staff of the Office of Research and Sponsored Programs and Center for Student Research coordinate the Student Creative Arts and Research Symposium. More than 270 undergraduate and graduate students presented their research projects by poster, platform or virtual presentations during the 2025 Symposium. Student scholars and their work were highlighted in this program, and these students were invited to place their research in the library archives. The Research Committee of the Graduate Council reviewed applications to the Chancellor's Student Research Scholars. Recipients were selected and notified of their awards. The [2025 Symposium Program](#) is also available on the [Symposium website](#).

### Participation:

Poster Presentations.....	179
Platform Presentations .....	47
Virtual Presentations .....	51
Sponsors represented.....	99
Departments represented .....	29

## COMMITTEES AND MEMBERSHIP

The Office of Research and Sponsored Programs rely heavily on committees to accomplish their work. Some are required for compliance with federal guidelines. These are the Institutional Animal Care and Use Committee, the Institutional Bio Safety Committee, the Radiation Safety Committee, and the Institutional Review Board.

Others are advisory in nature and assist ORSP by sharing their knowledge and expertise. These advisory committees are the Research Advisory Committee and the Research Support Committee.

The Academic Council established the Research Advisory Committee to advise the Provost and Academic Affairs about issues related to the research enterprise at Texas Woman's University. The committee is composed of a dean and a chair designated by the Academic Council; a faculty member from each college designated by the dean; the current chairs of the Research Support Committee and the Graduate Council's Research Committee, and two faculty members selected at-large. The Research Support Committee (RSC) reviews proposals submitted to the Research Enhancement Program for new and continuing faculty competitions and makes recommendations to the provost for funding. The Committee is also responsible for developing the form used to critique the submitted proposals and develop guidelines related to who is eligible to submit proposals for internal funding to the RSC.

The TWU Faculty Senate appoints members of the RSC each May and are selected from among faculty members and professional librarians who complete the Committee Preference Form sent to Faculty and Staff by the Chancellor's office each March. The RSC has 14 members from as many academic components as possible and membership of the Committee is based on proportional representation of each college.

## **2024-25 Institutional Animal Care and Use Committee Leadership**

Mr. John Anderson: Facilities Management (ex officio)  
Dr. Dayna Averitt: Biology  
Dr. Egeenee Q. Daniels: Attending Veterinarian  
Dr. Helen Everts: Nutrition & Food Sciences  
Mr. Adam Friday: Citizen Member  
Dr. Laura Hanson: Biology (Alt)

Dr. DiAnna Hynds: Biology (Co-Chair)  
Dr. Zane Lybrand: Biology (Chair)  
Dr. Nathaniel Mills: Biology (Alt)  
Dr. Elisa Na: Psychology & Philosophy  
Dr. Hope Zavalin: Environmental Health & Safety (Alt)

## **2024-25 Institutional Biosafety Committee Members**

Dr. Christopher Brower: Biology  
Mr. Mike Danner: Citizen  
Dr. Laura Hanson: Biology, Chair  
Dr. Sushmita Sinha: Biology

Mr. William Stamm: Citizen  
Ms. Jennie Wojtaszek: Biology  
Ms. Hope Zavalin: Environmental Safety & Health

## **2024-25 Intellectual Property Committee Members**

Dr. Xiaofen Du: Nutrition & Food Sciences  
Dr. Holly Hansen Thomas: Office of Research and Sponsored Programs  
Elizabeth Headrick: Library  
Dr. Carolyn Kapinus: Graduate School

Dr. Maria Peterson Ahmad: College of Professional Education  
Dr. Linda Rubin: Executive Vice President for Academic Affairs & Provost  
Dr. Rebecca Schultz: Nursing

## **2024-25 Radiation Safety Committee Members**

Dr. Karen Barton-Nielsen: Student Health Services  
Dr. Christopher Brower: Biology  
Ms. Jamie Cogdell: Purchasing  
Chief Samuel Garrison: Executive Director of Public Safety  
Dr. Shanil Juma: Nutrition & Food Sciences  
Dr. Nathaniel Mills: Biology

Dr. Brandon Rhett Rigby: Health Promotion & Kinesiology  
Dr. Gustavo Salazar: Chemistry & Biochemistry  
Dr. Deborah Testerman: Communication Sciences & Oral Health  
Ms. Hope Zavalin: Environmental Safety & Health

## **2024-25 Research Advisory Committee Members**

Dr. Dayna Averitt: Biology	Dr. Maria Peterson-Ahmad: Teacher Education
Dr. Lee Brown: Business Management & Marketing	Dr. Noralyn Pickens: Health Sciences
Dr. Elif Isik: Nursing	Dr. Catalina Pislaru: Biology
Dr. Yunxiang Li: Chemistry & Biochemistry	Ms. Suzanne Sellers: Library
Dr. Derek Miketinas: Nutrition & Food Science	Dr. Chanam Shin: Nursing
Dr. Jonathan Olsen: Social Sciences & Historical Studies	Dr. Asha Vas: Occupational Therapy
	Dr. Genevieve West: English

## **2024-25 Research Support Committee Members**

Dr. Rima Abunasser, Language: Culture & Gender Studies	Dr. Lou Hintz: Occupational Therapy
Dr. Mary Anderson: Chemistry & Biochemistry	Dr. Shann Hwa Hwang: Human Development Family Studies & Counselling
Dr. Dayna Averitt: Biology	Dr. Yunxiang Li: Chemistry
Dr. Pei-Fen Chang: Occupational Therapy	Dr. Zane Lybrand: Biology
Dr. Kathleen Davis: Nutrition & Food Sciences	Dr. Catalina Pislaru: Biology
Dr. Xiaofen Du: Nutrition & Food Sciences	Dr. Chanam Shin: Nursing
Dr. Jordan Fuchs: Dance	Dr. Sushmita Sinha: Biology
Dr. Hui Ting Goh: Physical Therapy	Dr. Tara Zimmerman: Library Science
Dr. Tina Gumienny: Biology	

## **2024-25 Institutional Review Board Members**

### **2024-25 IRB- Denton IRB Committee Membership**

Dr. Melissa Brown: School of Human Sciences (Chair)	Ms. Tiffany Peart: I.T. Solutions
Dr. Rhonda Buckley: School of Human Sciences	Dr. Shelby Rivers: School of Social Work, Psychology & Philosophy
Dr. Jannette Bushard: Community Member (Fall only)	Dr. Ronna Robbins: Nutrition & Food Sciences
Dr. Rebecca Fredrickson: School of Education	Dr. Becky Spencer: College of Nursing
Ms. Eileen Hall: Community Member	Dr. Mark Weber: School of Physical Therapy (Co-Chair)
Dr. Shanil Juma: Nutrition & Food Sciences	Dr. James Williams: Sociology, consultant

## **2024-25 IRB- Dallas IRB Committee Membership**

Dr. Emily Berkowitz: College of Nursing  
Ms. Joanna Russell Bliss: Library Services  
Dr. Priya Karakkattil: School of Physical Therapy  
Dr. Mikyoung Lee: College of Nursing  
Dr. Gail Poskey: School of Occupational Therapy (Co-Chair)

Dr. William Sit: School of Occupational Therapy  
Dr. Sharon Wang: School of Physical Therapy (Chair)  
Mr. Terry White: Community Member  
Alternate Member: Dr. Jace Brown, School of Physical Therapy

## **2024-25 IRB- Houston IRB Committee Membership**

Dr. Amanda Arnold, School of Physical Therapy  
Dr. Brenda K. Binder-Sylvester, Community Member  
Ms. Nadine Bonds-Bishop, Library Services  
Dr. Wayne Brewer, School of Physical Therapy (Chair)  
Dr. Paula Clutter, College of Nursing

Dr. Pei-Fen Chang, School of Occupational Therapy (Co-Chair)  
Ms. Sadie Jones, Community Member  
Dr. Angeles Nava, College of Nursing  
Dr. Mindy Patterson, Nutrition & Food Sciences  
Dr. Wesley Tucker, Nutrition & Food Sciences

## IRB by the Numbers, Reported by FY 09/01-08/31 of Each Year

### Dallas Applications Received

Level of Review	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
Exempt	28	21	15	12
Expedited	19	23	15	16
Full Review	4	3	5	5
<b>TOTAL</b>	<b>51</b>	<b>47</b>	<b>35</b>	<b>33</b>

### Houston Applications Received

Level of Review	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
Exempt	27	15	20	13
Expedited	20	26	20	14
Full Review	7	6	0	5
<b>TOTAL</b>	<b>54</b>	<b>47</b>	<b>40</b>	<b>32</b>

### Denton Applications Received

Level of Review	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
Exempt	116	108	120	130
Expedited	43	55	53	61
Full Review	30	15	12	21
<b>TOTAL</b>	<b>189</b>	<b>178</b>	<b>185</b>	<b>212</b>

### Total Applications Received

Level of Review	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
Exempt	171	144	155	155
Expedited	82	104	88	91
Full Review	41	24	17	31
<b>TOTAL</b>	<b>294</b>	<b>272</b>	<b>260</b>	<b>277</b>

### % Received by Campus of Total Applications

Campus	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
Dallas	17%	17%	13%	12%
Houston	18%	17%	15%	12%
Denton	64%	65%	71%	77%

*The following reports were generated by the offices that comprise and/or operate under the oversight of ORSP.*

*Some reports were previously distributed but are updated for this compiled Annual Report*

**OFFICE OF RESEARCH AND SPONSORED PROGRAMS**

**ANNUAL REPORT  
on Proposal and Grant Activity for  
External Funding**





## **Office of Research and Sponsored Programs**

December 18, 2025

TO: Dr. Holly Hansen-Thomas, Vice Provost for Research, Innovation, & Corporate Engagement FROM:

Julia Mark, Director of Operations, ORSP

RE: FY 2025 Annual Report on Proposal and Grant Activity for External Funding

Attached is the annual report on TWU's sponsored research, teaching, scholarship, and public service for fiscal year 2025 (September 1, 2024 through August 31, 2025). The report outlines external proposal and award activity through the Office of Research and Sponsored Programs (ORSP).

Sponsored programs encompass 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 for proposals initiated by TWU faculty or staff.

The first section presents an overview of externally funded projects. The second section describes the proposals submitted for external funding; and the remaining sections provide information about active awards, research expenditures, Comprehensive Research Funds, and facility and administrative (indirect) costs.

This year, TWU was designated as a Research 2: High Spending and Doctorate Production (R2) by the Carnegie Classification of Institutions of Higher Education.

# Annual Report on Proposal and Grant Activity

## Office of Research and Sponsored Programs

**FY 2025 (September 1, 2024 – August 31, 2025)**

### **I. Externally Funded Grants and Contracts**

<b>Total Grants Awarded</b>		<b>Research Grants Awarded</b>		
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
FY 2023: \$	10,854,286	78 Awards	FY 2023: \$ 6,307,784	48 Awards
FY 2024: \$	11,709,300	84 Awards	FY 2024: \$ 5,568,496	53 Awards
FY 2025: \$	10,054,094	76 Awards	FY 2025: \$ 5,413,520	46 Awards

The following section provides a more detailed breakdown of the external grants and contracts received through ORSP during FY 2025 and comparisons with FY 2024.

### **A. Distribution by College, Department, and Campus**

Tables 1-4 illustrate the distribution of grant awards for each college, department, faculty member, and by campus.

**Table 1:**  
**Funding Across Colleges**

	<b>2023-2024</b>	<b>2024-2025</b>
Arts and Sciences	\$ 4,401,965	\$ 3,062,314
Business	\$ -	\$ 2,000
Health Sciences	\$ 2,414,594	\$ 1,285,419
Nursing	\$ 1,770,932	\$ 1,472,864
Professional Education	\$ 1,061,646	\$ 917,118
Other	\$ 2,060,163	\$ 3,314,379
<b>TOTAL OF ALL AWARDS</b>	<b>\$ 11,709,300</b>	<b>\$ 10,054,094</b>

**Table 2: Funding Across Colleges and Department / Division**

	<b>2023-2024</b>	<b>2024-2025</b>
<b>ARTS and SCIENCES</b>		
Biology	\$ 2,425,232	\$ 1,266,148
Chemistry and Biochemistry	\$ 508,976	\$ 470,891
Computer Science	\$ -	\$ 226,000
Language, Culture & Gender Studies	\$ 3,800	\$ 125,000
Mathematics	\$ 16,581	\$ 66,390
Psychology and Philosophy	\$ 661,450	\$ 81,285
Social Sciences and Historical Studies	\$ 558,300	\$ 556,300
Social Work	\$ 227,626	\$ 270,300
<b>Total Arts and Sciences</b>	<b>\$ 4,401,965</b>	<b>\$ 3,062,314</b>
<b>BUSINESS &amp; ENTREPRENEURSHIP</b>		
Accounting	\$ -	\$ 2,000
<b>Total Business</b>	<b>\$ -</b>	<b>\$ 2,000</b>
<b>HEALTH SCIENCES</b>		
Communication Sciences and Oral Health	\$ 783,412	\$ 286,422
Kinesiology	\$ 311,499	\$ 68,073
Nutrition and Food Sciences	\$ 652,614	\$ 797,335
Nutrition and Food Sciences – Houston	\$ 92,310	\$ -
Occupational Therapy – Dallas	\$ 4,950	\$ -
Occupational Therapy – Denton	\$ -	\$ -
Occupational Therapy – Houston	\$ 96,899	\$ 34,910
Physical Therapy – Dallas	\$ 446,410	\$ 83,694
Physical Therapy – Houston	\$ 26,500	\$ 14,985
<b>Total Health Sciences</b>	<b>\$ 2,414,594</b>	<b>\$ 1,285,419</b>
<b>NURSING</b>		
Nursing – Dallas	\$ 1,360,509	\$ -
Nursing – Denton	\$ 359,437	\$ 963,752
Nursing – Houston	\$ 50,986	\$ 509,112
<b>Total Nursing</b>	<b>\$ 1,770,932</b>	<b>\$ 1,472,864</b>
<b>PROFESSIONAL EDUCATION</b>		
Dean's Office	\$ 500,000	\$ -
School of Human Sciences	\$ 232,679	\$ 308,531
Library and Information Studies	\$ 75,000	\$ 95,773
School of Education (Literacy and Language & Teacher Ed)	\$ 253,967	\$ 512,814
<b>Total Professional Education</b>	<b>\$ 1,061,646</b>	<b>\$ 917,118</b>

<b>OTHER</b>				
Athletics	\$	-	\$	17,500
Blagg-Huey Library	\$	56,632	\$	114
Campus Alliance for Resource Education (CARE)	\$	-	\$	268,450
Career Connections Center	\$	60,000	\$	37,218
Center for Research Design and Analysis	\$	43,049	\$	13,242
Financial Aid	\$	107,901	\$	816,631
International Education	\$	4,125	\$	-
Pioneer Center for Student Excellence	\$	817,092	\$	1,261,820
Student Life	\$	316,733	\$	149,736
Woodcock Institute	\$	654,631	\$	749,668
<b>Total Other</b>	<b>\$</b>	<b>2,060,163</b>	<b>\$</b>	<b>3,314,379</b>
<b>TOTAL OF ALL AWARDS</b>	<b>\$</b>	<b>11,709,300</b>	<b>\$</b>	<b>10,054,094</b>

\* Departments/Divisions use FY 2025 naming structure.

Table 3 details the awards for each college by principal investigator (PI), agency, and amount awarded.

**Table 3 Funding Distribution by College, Department, and Individual Faculty Member 2024-2025**

<b>ARTS and SCIENCES</b>				
<b>Biology</b>				
Dr. Christopher Brower		HHS - National Institutes of Health	\$	476,973
Dr. Ann Davis		Joint Admission Medical Program	\$	15,394
Dr. Ann Davis		Joint Admission Medical Program	\$	9,500
Dr. Tina Gumienny		HHS - National Institutes of Health	\$	3,253
Dr. Zane Lybrand		DOD - U.S. Air Force	\$	311,228
Dr. Zane Lybrand		DOD - Defense Health Agency	\$	100,000
Dr. Zane Lybrand		DLG4 SHINE Foundation	\$	133,000
Dr. Camelia Maier		Native Plant Society of Texas	\$	600
Dr. Catalina Pislaru		National Science Foundation	\$	135,000
Dr. Juliet Spencer & Dr. Karen V. Goodwin		HHS - Administration for Children & Families	\$	81,200
<b>Subtotal Biology</b>			<b>\$</b>	<b>1,266,148</b>
<b>Chemistry &amp; Biochemistry</b>				
Dr. Shiru Lin		American Chemical Society	\$	55,000
Dr. Nasrin Mirsaleh-Kohan		The Welch Foundation	\$	60,000
Dr. Nasrin Mirsaleh-Kohan, Dr. John Beatty & Dr. Gustavo Salazar		National Science Foundation	\$	280,891
Dr. Nasrin Mirsaleh-Kohan & Dr. Manal Omary		The Welch Foundation	\$	75,000
<b>Subtotal Chemistry &amp; Biochemistry</b>			<b>\$</b>	<b>470,891</b>
<b>Computer Science</b>				
Dr. Islam Akef Ebeid		National Science Foundation	\$	210,000
Dr. Venkata Prasanth Yanambaka		National Science Foundation	\$	16,000
<b>Subtotal Computer Science</b>			<b>\$</b>	<b>226,000</b>

<b>Department of Language, Culture, &amp; Gender Studies</b>			
Dr. Jacquelyn E Hoermann-Elliott & Dr. Shawnda Smith	Texas Higher Education Coordinating Board	\$	125,000
<b>Subtotal Language, Culture &amp; Gender Studies</b>			<b>\$ 125,000</b>
<b>Mathematics</b>			
Dr. Alexis Hardesty	National Science Foundation	\$	25,000
Dr. Ann Wheeler	U.S. Department of Education	\$	41,390
<b>Subtotal Math</b>			<b>\$ 66,390</b>
<b>Psychology &amp; Philosophy</b>			
Dr. Claudia Porras Pyland	The Morris L. Lichtenstein, Jr. Foundation	\$	24,984
Dr. Gabrielle Smith	HHS - National Institutes of Health	\$	56,301
<b>Subtotal Psychology &amp; Philosophy</b>			<b>\$ 81,285</b>
<b>Social Sciences and Historical Studies</b>			
Dr. Jim Alexander & Ms. Casandra Fulton-Withrow	State of Texas	\$	556,300
<b>Subtotal Social Sciences and Historical Studies</b>			<b>\$ 556,300</b>
<b>Social Work</b>			
Dr. Emarely Rosa-Davila	HHS - Administration for Children & Families	\$	270,300
<b>Subtotal Social Work</b>			<b>\$ 270,300</b>
<b>TOTAL ARTS AND SCIENCES</b>			<b>\$ 3,062,314</b>

<b>MERRILEE ALEXANDER KICK COLLEGE OF BUSINESS AND ENTREPRENEURSHIP</b>			
<b>Accounting</b>			
Dr. Jason Jordan	Institute of Management Accountants (IMA) Research Foundation	\$	2,000
<b>TOTAL BUSINESS AND ENTREPRENEURSHIP</b>			<b>\$ 2,000</b>

<b>HEALTH SCIENCES</b>			
<b>Communication Sciences &amp; Oral Health</b>			
Dr. Christopher Bolinger, Ms. Catherine Lynch & Professor Alison Brockett	Texas Education Agency	\$	286,422
<b>Subtotal Communication Sciences &amp; Oral Health</b>			<b>\$ 286,422</b>
<b>Health Promotion &amp; Kinesiology</b>			
Dr. Suzanna Dillon	U.S. Department of Education	\$	28,881
Dr. Dan Newmire	Tradichem SL-Maypro	\$	39,192
<b>Subtotal Health Promotion &amp; Kinesiology</b>			<b>\$ 68,073</b>
<b>Nutrition &amp; Food Sciences</b>			
Dr. Kathleen Davis & Dr. Cynthia Warren	U.S. Department of Agriculture	\$	196,216
Dr. Xiaofen Du	Florida Food Products	\$	4,500
Dr. Xiaofen Du	Happy Global, Inc	\$	6,053
Dr. Xiaofen Du & Dr. Holly Hansen-Thomas	Daisy Brand	\$	238,539
Dr. Xiaofen Du & Dr. Shiru Lin	USU / Western Dairy / Build Dairy	\$	153,800
Dr. Ronna Robbins & Dr. Christopher Bolinger	City of Denton Texas	\$	50,700
Dr. Danhui Wang, Dr. Xiaofen Du & Dr. Shiru Lin	U.S. Department of Agriculture	\$	147,527
<b>Subtotal Nutrition &amp; Food Sciences</b>			<b>\$ 797,335</b>

<b>Occupational Therapy – Houston</b>			
Dr. Patricia Bowyer	HHS - Health Resources & Services Administration	\$	34,910
<b>Subtotal Occupational Therapy - Houston</b>			\$ 34,910
<b>Physical Therapy – Dallas</b>			
Dr. Hui-Ting Goh	DOD - Department of Defense	\$	73,694
Dr. Sharon Wang-Price & Dr. Elizabeth Bergman	Texas Physical Therapy Foundation	\$	5,000
Dr. Sharon Wang-Price & Guy Terry	Texas Physical Therapy Foundation	\$	5,000
<b>Subtotal Physical Therapy - Dallas</b>			\$ 83,694
<b>Physical Therapy – Houston</b>			
Dr. Rupal Patel & Elise Bjork	American Physical Therapy Association	\$	14,985
<b>Subtotal Physical Therapy - Houston</b>			\$ 14,985
<b>TOTAL HEALTH SCIENCES</b>			\$ 1,285,419

<b>NURSING</b>			
<b>Nursing – Denton</b>			
Dr. Niki Fogg	International Network for Simulation-based Pediatric Research, Innovation, & Education (INSPIRE)	\$	15,000
Dr. Niki Fogg, Dr. Laura Kubin & Dr. Carin Adams	Texas Higher Education Coordinating Board	\$	799,244
Dr. Niki Fogg, Dr. Laura Kubin, Dr. Carin Adams & Dr. Alicia Ramirez	Texas Higher Education Coordinating Board	\$	149,508
<b>Subtotal Nursing - Denton</b>			\$ 963,752
<b>Nursing – Houston</b>			
Dr. Elif Isik, Dr. Nina Fredland & Dr. Paul Yeatts	HHS - National Institutes of Health	\$	393,180
Dr. Judith McFarlane	HHS - National Institutes of Health	\$	27,347
Dr. Judith McFarlane	U.S. Department of the Treasury	\$	88,585
<b>Subtotal Nursing - Houston</b>			\$ 509,112
<b>TOTAL NURSING</b>			\$ 1,472,864

<b>PROFESSIONAL EDUCATION</b>			
<b>Human Sciences</b>			
Dr. Lisa Grubbs	U.S. Department of Education	\$	233,792
Dr. Azucena Verdin	Spencer Foundation	\$	74,739
<b>Subtotal Human Sciences</b>			\$ 308,531
<b>Library and Information Sciences</b>			
Dr. Aaron Elkins	Institute Of Museum Library Services	\$	95,773
<b>Subtotal Library and Information Sciences</b>			\$ 95,773

<b>School of Education</b>			
Dr. Juan Araujo & Dr. Gina Anderson	Texas Higher Education Coordinating Board	\$	192,078
Dr. Juan Araujo, Dr. Maria Peterson-Ahmad & Dr. Brigitte Vittrup	Houston Endowment	\$	175,000
Dr. Juan Araujo & Dr. Maria Peterson-Ahmad	Moody Foundation	\$	40,000
Dr. JaNiece Elzy, Dr. Elizabeth Kaye & Dr. Annette Torres Elias	Reading Recovery Council of North America	\$	5,736
Dr. Maria Peterson-Ahmad	Tomball ISD	\$	100,000
<b>Subtotal School of Education</b>		\$	<b>512,814</b>
<b>TOTAL PROFESSIONAL EDUCATION</b>			<b>\$ 917,118</b>

<b>OTHER</b>			
<b>Athletics</b>			
Randi Miller	Women's Sports Foundation	\$	17,500
<b>Blagg-Huey Library</b>			
Chance Maggard	Texas State Library and Archives Commission	\$	114
<b>Campus Alliance for Resource Education (CARE)</b>			
Ms. Amy Eileen O'Keefe	Texas Higher Education Coordinating Board	\$	150,000
Ms. Amy Eileen O'Keefe & Dr. Catherine Dutton	Texas Higher Education Coordinating Board	\$	118,450
<b>Subtotal CARE</b>		\$	<b>268,450</b>
<b>Career Connections Center</b>			
Dr. Aimee Laun	U.S. Department of Education	\$	37,218
<b>Center for Research Design and Analysis</b>			
Dr. Paul Yeatts	U.S. Department of Education	\$	13,242
<b>Financial Aid</b>			
Ms. Lacey Thompson & Ms. Jessica Burchfield	U.S. Department of Education	\$	816,631
<b>Pioneer Center for Student Excellence</b>			
Eugenie Elizabeth Durham, Dr. Theresa Lindsay & Dr. Joshua Adams	U.S. Department of Education	\$	272,364
Ms. Caisha Jones, Dr. Theresa Lindsay & Dr. Joshua Adams	U.S. Department of Education	\$	272,364
Dr. Theresa Lindsay & Dr. Joshua Adams	U.S. Department of Education	\$	272,364
Dr. Theresa Lindsay & Dr. Joshua Adams	U.S. Department of Education	\$	272,364
Dr. Theresa Lindsay & Dr. Joshua Adams	U.S. Department of Education	\$	172,364
<b>Subtotal Pioneer Center for Student Excellence</b>		\$	<b>1,261,820</b>
<b>Student Life</b>			
Dr. Monica Mendez-Grant	Commit!2Dallas	\$	25,200
Dr. Monica Mendez-Grant & Dr. Becky Rodriguez	Texas Higher Education Coordinating Board	\$	124,536
<b>Subtotal Student Life</b>		\$	<b>149,736</b>
<b>Woodcock Institute</b>			
Dr. Wendi Johnson	TWU - Richard W. Woodcock Endowment Fund	\$	739,446
Dr. Wendi Johnson & Dr. Nila Ricks	University of North Texas Business Service Center	\$	10,222
<b>Subtotal Woodcock Institute</b>		\$	<b>749,668</b>
<b>TOTAL OF OTHER</b>			<b>\$ 3,314,379</b>
<b>TOTAL OF ALL AWARDS</b>			<b>\$ 10,054,094</b>

**Table 4 Comparison of Funding by Campus**

Location	2023-2024	2024-2025
Dallas Campus	\$ 1,811,869	\$ 83,694
Denton Campus	\$ 9,630,735	\$ 9,411,393
Houston Campus	\$ 266,695	\$ 559,007
<b>TOTAL</b>	<b>\$ 11,709,299</b>	<b>\$ 10,054,094</b>

**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**

Agency Type	2023-2024		2024-2025	
Federal	\$ 8,044,317	68.7%	\$ 5,456,352	54.2%
State	\$ 1,428,754	12.2%	\$ 2,536,768	25.3%
Local Government	\$ 79,250	0.70%	\$ 50,700	0.50%
Private	\$ 1,653,979	14.1%	\$ 2,010,274	20.0%
Other	\$ 503,000	4.3%	\$ -	0.00%
<b>TOTAL</b>	<b>\$ 11,709,300</b>	<b>100%</b>	<b>\$ 10,054,094</b>	<b>100%</b>

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

<b>Federal Funding</b>				
DOD - Defense Health Agency	1	\$	100,000	
DOD - Department of Defense	1	\$	73,694	
DOD - U.S. Air Force	2	\$	311,228	
HHS - Administration for Children & Families	2	\$	351,500	
HHS - Health Resources & Services Administration	2	\$	34,910	
HHS - National Institutes of Health	5	\$	957,054	
Institute Of Museum Library Services	1	\$	95,773	
National Science Foundation	6	\$	666,891	
U.S. Department of Agriculture	2	\$	343,743	
U.S. Department of Education	11	\$	2,432,974	
U.S. Department of the Treasury	1	\$	88,585	
<b>TOTAL FEDERAL FUNDING</b>	<b>34</b>	<b>\$</b>	<b>5,456,352</b>	
<b>State Funding</b>				
Joint Admission Medical Program	3	\$	24,894	
State of Texas	1	\$	556,300	
Texas Education Agency	2	\$	286,422	
Texas Higher Education Coordinating Board	8	\$	1,658,816	
Texas State Library and Archives Commission	1	\$	114	
University of North Texas Business Service Center	1	\$	10,222	
<b>TOTAL STATE FUNDING</b>	<b>16</b>	<b>\$</b>	<b>2,536,768</b>	

<b>Local Government Funding</b>				
City of Denton Texas	2	\$	50,700	
<b>TOTAL LOCAL GOVERNMENT FUNDING</b>	<b>2</b>	<b>\$</b>	<b>50,700</b>	
<b>Private Funding</b>				
American Chemical Society	1	\$	55,000	
American Physical Therapy Association	1	\$	14,985	
Commit!2Dallas	1	\$	25,200	
Daisy Brand	1	\$	238,539	
DLG4 SHINE Foundation	1	\$	133,000	
Florida Food Products	1	\$	4,500	
Happy Global, Inc	1	\$	6,053	
Houston Endowment	1	\$	175,000	
Institute of Management Accountants (IMA) Research Foundation	1	\$	2,000	
International Network for Simulation-based Pediatric Research, Innovation, & Education (INSPIRE)	1	\$	15,000	
Moody Foundation	1	\$	40,000	
The Morris L. Lichtenstein, Jr. Foundation	1	\$	24,984	
Native Plant Society of Texas	1	\$	600	
Reading Recovery Council of North America	1	\$	5,736	
Spencer Foundation	1	\$	74,739	
Texas Physical Therapy Foundation	2	\$	10,000	
Tomball ISD	1	\$	100,000	
Tradichem SL-Maypro	1	\$	39,192	
TWU Foundation - Richard W. Woodcock Endowment Fund	1	\$	739,446	
Utah State University / Western Dairy / Build Dairy	1	\$	153,800	
The Welch Foundation	2	\$	135,000	
Women's Sports Foundation	1	\$	17,500	
<b>TOTAL PRIVATE FUNDING</b>	<b>24</b>	<b>\$</b>	<b>2,010,274</b>	
<b>TOTAL FUNDING</b>	<b>76</b>	<b>\$</b>	<b>10,054,094</b>	

### 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**

Project Type	2023 - 2024		2024 – 2025	
	Count	Amount	Count	Amount
Institutional Support	2	\$ 115,000	1	\$ 37,218
Instruction	20	\$ 4,590,178	13	\$ 2,670,897
Research	53	\$ 5,568,496	50	\$ 5,413,520
Scholarship or Fellowship	5	\$ 696,644	5	\$ 1,150,745
Service	4	\$ 738,982	7	\$ 781,714
<b>TOTAL</b>	<b>84</b>	<b>\$11,709,300</b>	<b>76</b>	<b>\$10,054,094</b>

## II. Proposals Submitted for External Funding

Total Proposals Submitted (All Types)		Research Proposals Submitted	
FY 2016: \$ 28,084,897	87 Submitted	FY 2016: \$ 15,329,988	56 Submitted
FY 2017: \$ 30,020,496	102 Submitted	FY 2017: \$ 22,689,597	66 Submitted
FY 2018: \$ 39,398,483	112 Submitted	FY 2018: \$ 30,869,118	80 Submitted
FY 2019: \$ 34,062,653	116 Submitted	FY 2019: \$ 23,776,695	90 Submitted
FY 2020: \$ 28,911,248	111 Submitted	FY 2020: \$ 20,905,910	88 Submitted
FY 2021: \$ 31,697,560	106 Submitted	FY 2021: \$ 26,047,917	79 Submitted
FY 2022: \$ 31,865,464	121 Submitted	FY 2022: \$ 22,761,532	91 Submitted
FY 2023: \$ 35,059,773	106 Submitted	FY 2023: \$ 27,322,996	83 Submitted
FY 2024: \$ 59,898,609	107 Submitted	FY 2024: \$ 46,914,381	83 Submitted
FY 2025: \$ 36,595,284	122 Submitted	FY 2025: \$ 30,709,510	102 Submitted

The following is a more detailed breakdown of proposals submitted in FY 2025 compared with FY 2024.

**Table 8 Comparison of Proposal Submissions by Type of Funding Source**

Funding Source	2023-2024		2024-2025	
	Count	Amount	Count	Amount
Federal	63	\$ 55,013,552	59	\$ 29,092,245
Local Government	2	\$ 68,100	0	\$ -
State	3	\$ 1,180,531	8	\$ 1,682,762
Private	36	\$ 3,268,390	52	\$ 5,683,777
Other	3	\$ 368,036	3	\$ 136,500
<b>TOTAL</b>	<b>107</b>	<b>\$ 59,898,609</b>	<b>122</b>	<b>\$ 36,595,284</b>

**Table 9 Comparison of Proposal Submissions by Project Type**

Project Type	2023-2024		2024-2025	
	Count	Amount	Count	Amount
Institutional Support	1	\$ 55,000	0	\$ -
Instruction	15	\$ 8,827,054	8	\$ 2,493,260
Research	83	\$ 46,914,381	102	\$ 30,709,510
Scholarship or Fellowship	3	\$ 641,552	2	\$ 834,131
Service	5	\$ 3,460,622	10	\$ 2,558,383
<b>TOTAL</b>	<b>107</b>	<b>\$ 59,898,609</b>	<b>122</b>	<b>\$ 36,595,284</b>

**Table 10 Comparison of Proposal Submissions by College**

	2023-2024		2024-2025	
	Count	Amount	Count	Amount
Arts and Sciences	32	\$ 19,349,532	33	\$ 10,204,500
Business	0	\$ -	4	\$ 772,057
Health Sciences	37	\$ 15,133,312	53	\$ 17,389,931
Nursing	12	\$ 2,677,609	7	\$ 1,497,163
Professional Education	16	\$ 14,619,308	16	\$ 5,099,449
Other	10	\$ 8,118,848	9	\$ 1,632,184
<b>TOTAL</b>	<b>107</b>	<b>\$ 59,898,609</b>	<b>122</b>	<b>\$ 36,595,284</b>

Tables 11 and 12 provide the funding rate for the proposals submitted for the past 7 fiscal years. Table 13 provides the funding rate for federal proposals for the same time period. The data listed for FY 2025 is not complete and estimated based on current responses to date.

**Table 11 Funding Rate of All Proposals Submitted**

	Total # Submitted	Proposals Awarded	Proposals Not Awarded	Funding Rate
FY 2018	112	31	81	28%
FY 2019	116	40	76	34%
FY 2020	111	37	74	33%
FY 2021	106	39	67	37%
FY 2022	121	54	67	45%
FY 2023	106	34	72	32%
FY 2024	107	34	73	32%
FY 2025*	122	37	42	~30%

\*Data not yet complete – 43 proposals are still pending

**Table 12 Funding Rate of All Research Proposals Submitted**

	Total # Submitted	Proposals Awarded	Proposals Not Awarded	Funding Rate
FY 2018	80	18	62	23%
FY 2019	90	23	67	26%
FY 2020	88	23	65	26%
FY 2021	79	22	57	28%
FY 2022	91	34	57	37%
FY 2023	83	23	60	28%
FY 2024	83	19	64	23%
FY 2025*	102	25	35	~25%

\*Data not yet complete – 42 proposals are pending

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

	Total # Submitted	Proposals Awarded	Proposals Not Awarded	Funding Rate
FY 2018	47	12	35	26%
FY 2019	51	14	37	27%
FY 2020	64	19	45	30%
FY 2021	60	23	37	38%
FY 2022	65	26	39	40%
FY 2023	58	18	40	31%
FY 2024	63	14	49	22%
FY 2025*	59	10	20	~17%

\*Data not yet complete – 29 proposals are still pending

### III. Active Awards

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 from FY 2018 – FY 2025.

**Table 14 Active Awards**

	<b>Research</b>	<b>Instruction</b>	<b>Scholarship / Fellowship</b>	<b>Service</b>	<b>Institutional Support</b>	<b>TOTAL</b>
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
FY 2023	\$14,480,657	\$4,648,519	\$ 2,178,141	\$ 918,955	\$ 635,279	\$22,861,551
FY 2024	\$17,177,564	\$5,335,033	\$ 1,591,033	\$ 998,458	\$ 525,279	\$25,627,366
<b>FY 2025</b>	<b>\$17,562,398</b>	<b>\$6,179,915</b>	<b>\$ 2,330,448</b>	<b>\$ 980,764</b>	<b>\$ 157,218</b>	<b>\$27,210,743</b>

### IV. Research Expenditures

The HERD survey research expenditures are shown below. Note that the expenditures are rounded to the nearest thousandth. These expenditures are funds spent by TWU to support research activities, including state-appropriated research funds, indirect costs (both received and unrecovered), and pass-through funds to other higher education institutions that we collaborate with on research projects. As of February 2025, TWU is classified as R2: High Research Spending and Doctoral Production with \$8.998M in research expenditures and awarded 233 research doctoral degrees.

#### Total Research Expenditures

FY 2021: \$ 4,943K  
 FY 2022: \$ 6,029K  
 FY 2023: \$ 6,922K  
 FY 2024: \$ 8,998K  
 FY 2025: \$11,464K

#### Federal Research Expenditures

FY 2021: \$ 1,514K  
 FY 2022: \$ 2,091K  
 FY 2023: \$ 2,439K  
 FY 2024: \$ 3,026K  
 FY 2025: \$ 3,499K

### V. Texas 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. Effective September 1, 2024, HB 1595 changed the methodology to be an amount proportionate to the average amount of federal and private research funds the institution spends per fiscal year during the preceding three state fiscal years.

#### Federal and Private Research Expenditures

FY 2021: \$ 2,943,320  
 FY 2022: \$ 3,203,401  
 FY 2023: \$ 4,405,861  
 FY 2024: \$ 3,107,015  
 FY 2025: \$ 4,780,576

### **Amount of Comprehensive Research Fund Appropriations**

FY 2016: \$135,042	FY 2021: \$152,152
FY 2017: \$135,042	FY 2022: \$240,825
FY 2018: \$107,572	FY 2023: \$240,825
FY 2019: \$107,572	FY 2024: \$400,893
FY 2020: \$152,152	FY 2025: \$400,893

### **VI. Facilities and Administrative (Indirect) Costs**

TWU's on-campus federally negotiated facilities and administrative (F&A) rate during FY 2024 was 42.7% of salaries and wages. Some awards have an alternative F&A cost that is negotiated below the federal level. The total amount of F&A recovered for FY 2016– FY 2025 is listed below.

FY 2016: \$ 604,432	FY 2021: \$ 363,957
FY 2017: \$ 544,562	FY 2022: \$ 481,530
FY 2018: \$ 480,409	FY 2023: \$ 588,713
FY 2019: \$ 395,008	FY 2024: \$ 729,817
FY 2020: \$ 322,245	FY 2025: \$ 740,101

# **Center for Research Design and Analysis**





# CENTER FOR RESEARCH DESIGN & ANALYSIS

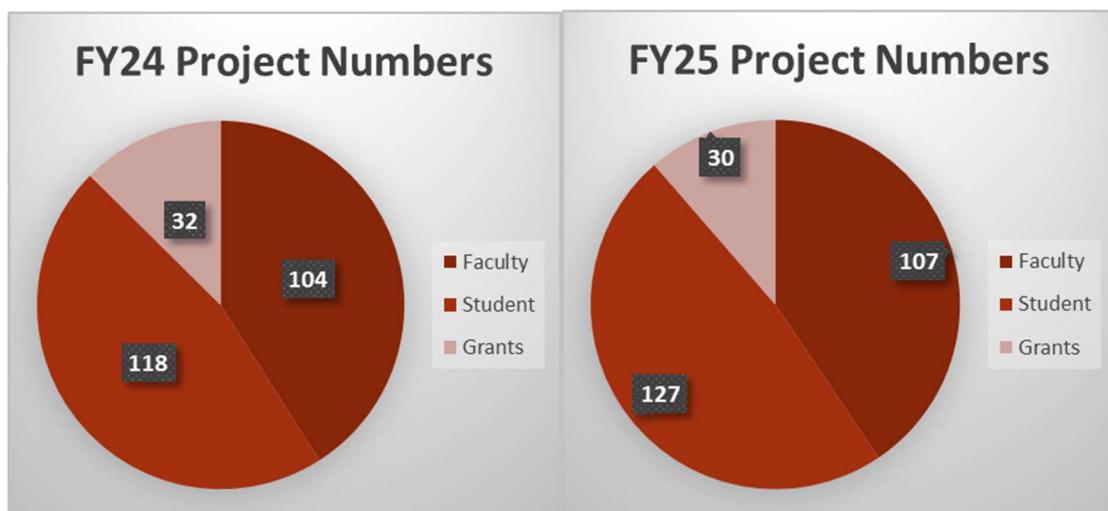
## TEXAS WOMAN'S UNIVERSITY

### Annual Report FY25

The Center for Research Design & Analysis (CRDA) provides multi-campus quantitative and qualitative support services to faculty, staff, and students, endeavoring research. Our purpose is to elevate the quality and quantity of all research across Texas Woman's University, with our primary focus being on assisting in the preparation of grant proposals, faculty publications, and guiding graduate students through the dissertation and theses processes.

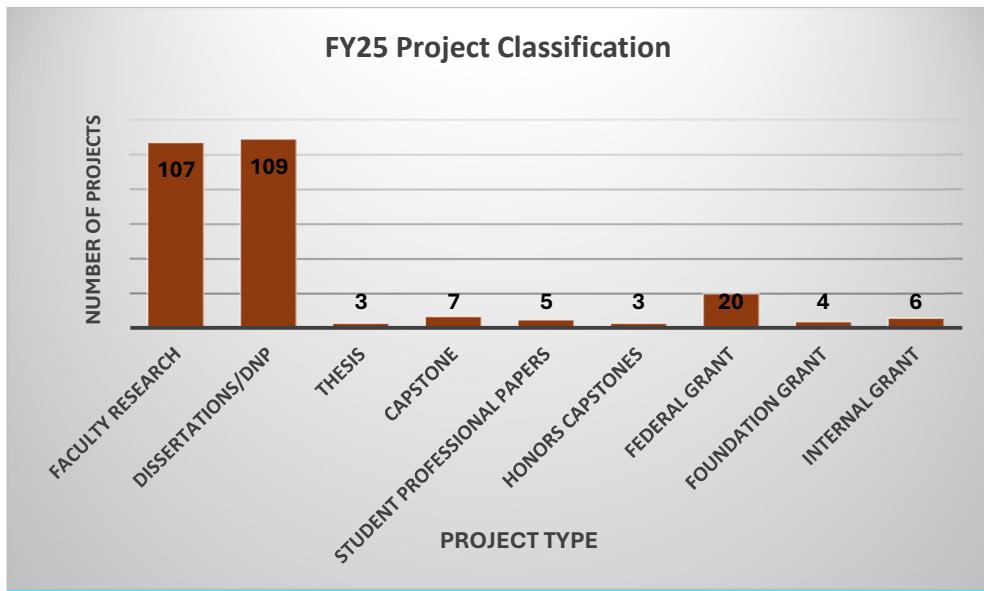
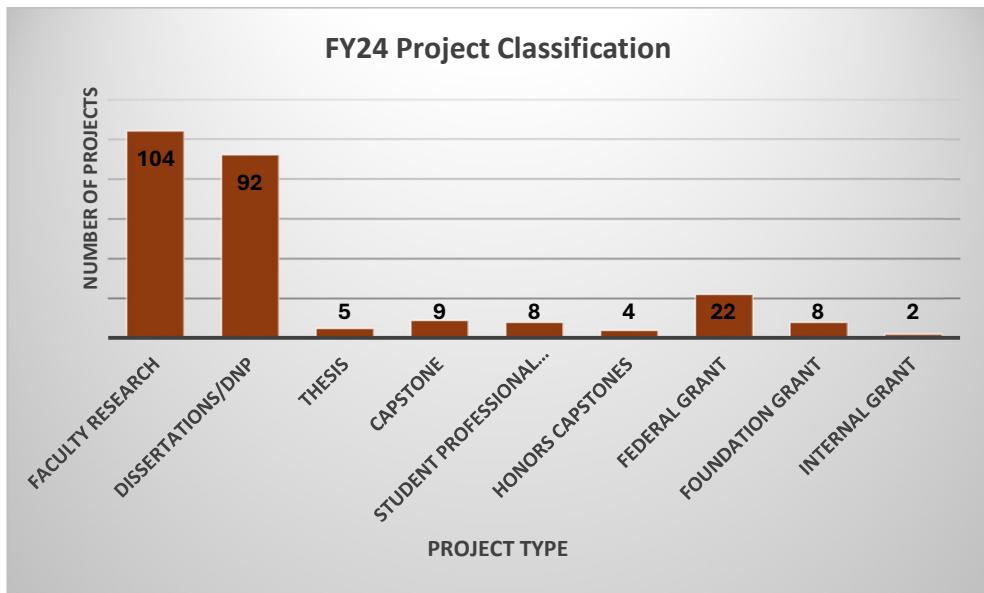
#### CRDA Project Totals

In FY24, the CRDA assisted with 254 projects. In FY25, the Center saw a **4% increase** in project intake, with 264 projects supported by CRDA staff. The charts below reflect these numbers and the project types associated with them.



## CRDA Project Classifications

Each year, the CRDA supports a wide array of research projects for the university. The charts below reflect the changes in project-type intake from FY24 – FY25.



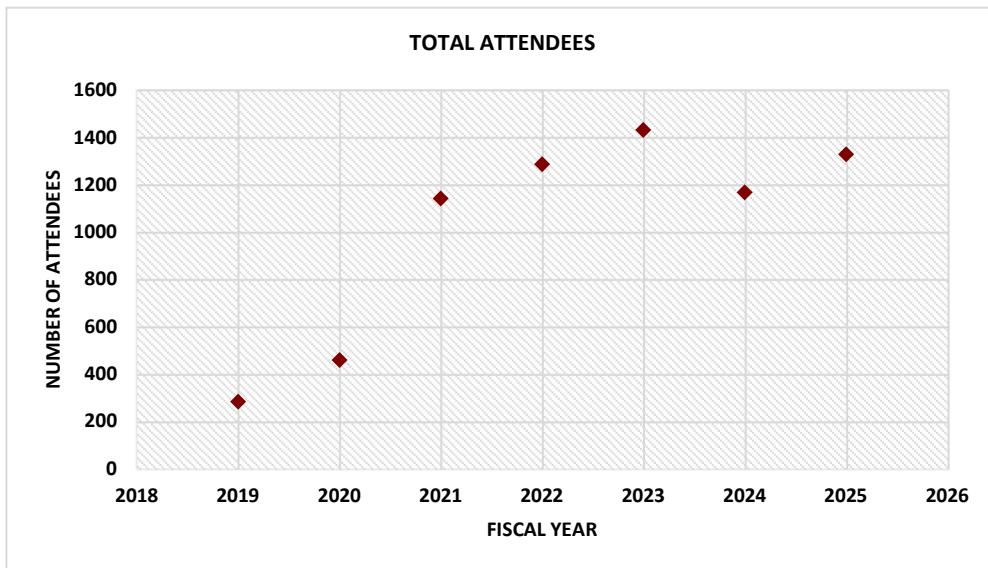
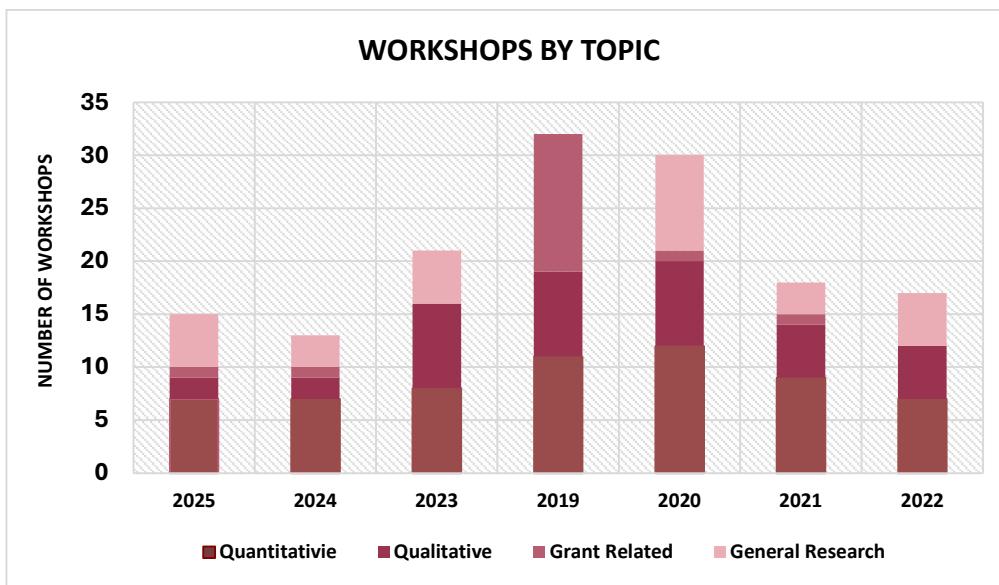
## Hanover Grant Academy

**FY24 HGA Cohort VII:** Twelve multidisciplinary faculty members were selected for Cohort VII. Departments included in the cohort were PT, BIO, LCGS, LIB, NU, SW, OT, NFS, KINES, LIT, and COMS. Each member gained experience in applying for a federal grant, via expert guidance. At the end of the cohort, the members had applied for two NIH-R15 grants, two NSF grants, one USDA grant, one ED-NDP grant, one IMLS grant, a Rainwater Charitable Foundation grant, an Adobe Faculty Research grant, and a Magistro Family Foundation grant.

**FY25 HGA Cohort VIII:** Twelve multidisciplinary faculty members were selected for Cohort VIII. Departments included in the cohort were NU, SW, OT, LCGS, COMS, and LIB. Cohort members were guided through the process of applying for a federal grant, via the expertise of the Hanover Academy and CRDA staff. At the conclusion of the cohort, the members had applied for three NIH-R15 grants, three NEH grants, two NIH-21 grants, one NSF grant, one ALA grant, one ALS grant, and one IMLS grant.

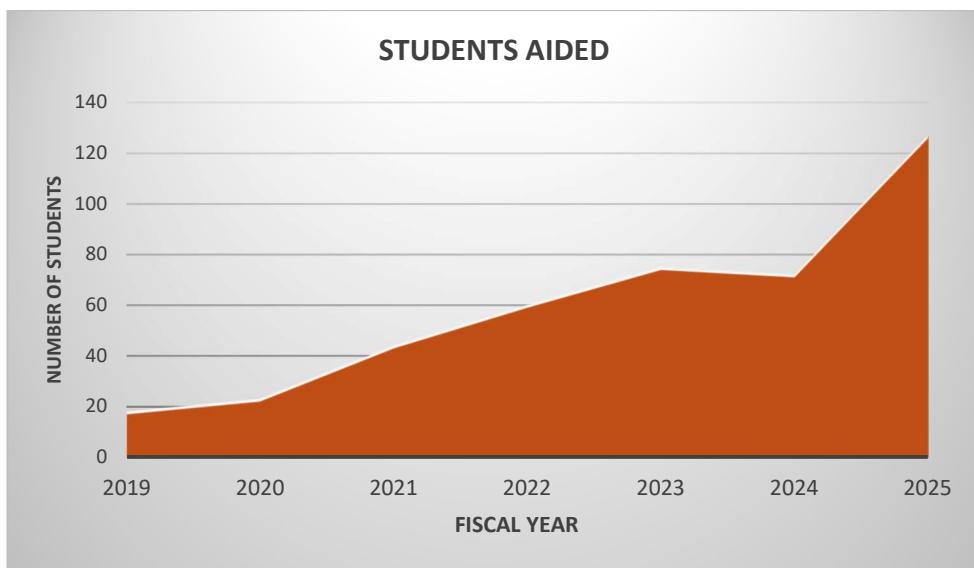
### CRDA Workshops and Webinars

The CRDA hosted a wide variety of workshops and events in FY25, for faculty, staff, and students. Webinars included research topics aimed at increasing knowledge in quantitative, qualitative, general research, and grant related processes. In FY25, the CRDA presented 15 workshops with 1,329 participants in attendance. The sessions were recorded and made available on the CRDA Canvas Page. Please see charts below for CRDA workshop data over the past 7 years.



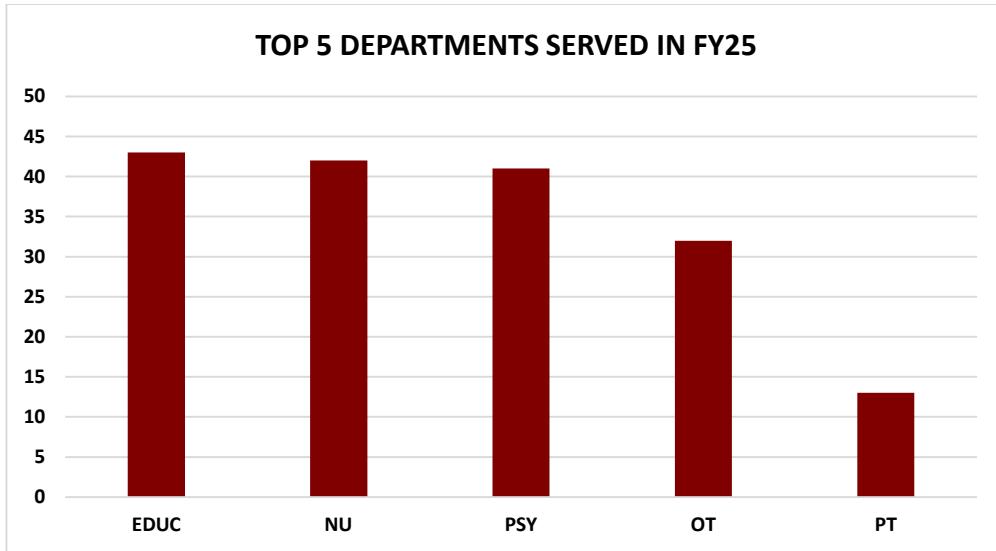
## Quantitative Data Analysis Assistance

In addition to open-session workshops, the CRDA also provides a unique service to students who are working through their dissertations or theses. Our quantitative data analysis process allows students access to data preparation manuals and hands-on assistance analyzing their data. Students work through their training materials, and upon completion, a meeting is scheduled with a CRDA statistician. These meetings are designed to guide students through the data analysis process, educating them on the intricacies and details of data analysis. Once the student has completed their analysis, they can write their results chapter with greater competence and confidence. The graph below displays progression in the number of students who received CRDA assistance in their data-analysis, over the past years.



## CRDA Project Numbers Ranked by Department

The CRDA assists a diverse population of researchers. The graph below illustrates the departments who utilized CRDA services the most during FY25.



### **Qualtrics**

In November of 2022, the Center became the administrator of Qualtrics accounts for faculty, staff, and graduate students. Qualtrics is an online survey platform, recognized by many as the gold standard for survey compilation and data-collection. In addition to administering Qualtrics accounts, the Center provides interactive webinars geared at instructing users how to utilize and best benefit from the software. Qualtrics has proven to be popular amongst faculty and graduate students, alike. As of October 1, 2025, 816 Qualtrics accounts have been established for faculty and graduate researchers at TWU.

### **CRDA Participant Pool Grants for Faculty**

During the fall semester of FY25, the CRDA offered faculty the opportunity to apply for funding for participant recruitment for survey research. The Center funded a total of four faculty members, \$3500 each. This funding was utilized to gain access to participants meeting specific criteria for their data collection, via Qualtrics. The success of this piloted small grant has led to further funding being offered by the CRDA during FY26. Funding is awarded to applicants whose research shows promise in being awarded future federal grants.



CENTER FOR  
STUDENT RESEARCH  
TEXAS WOMAN'S UNIVERSITY

## Center for Student Research



Compiled October 10, 2025  
Contact: Dr. Diana Elrod [delrod@twu.edu](mailto:delrod@twu.edu)



## Mission and Purpose

The mission of the Center for Student Research is to enhance the educational experience of students by providing opportunities for meaningful engagement in faculty-mentored research and creative activity opportunities. The purpose of the Center for Student Research is to promote an enhanced educational experience for students by providing opportunities for meaningful interaction between faculty and students through support, education, and programming in research and creative activities. The goals of CSR are to:

- provide opportunities for students to participate in all phases of research and creative activity, from design through dissemination.
- facilitate research partnerships between TWU students and faculty promoting faculty- mentored research opportunities for students.
- facilitate scholarly/creative partnerships between TWU students and faculty promoting faculty- mentored scholarly/creative opportunities for students.
- facilitate research collaboration between graduate and undergraduate students.
- enhance the students' knowledge of all phases of research.
- promote a national presence for TWU students (i.e. National Council for Undergraduate Research - NCUR, Society for the Advancement of Chicanos and Natives Americans in Science - SACNAS); and
- ensure mutual benefit to both students and faculty members.

## FY 2024 - 2025 Highlights

- **Grants** - Over \$27,000 was awarded to both undergraduate and graduate students to support research and the presentation of research. The maximum for each award was \$500 and 73 students (27 undergraduate and 46 graduates) were recipients. See individual award information section.
- **Center for Student Research Workshop Series** - Monthly presentations were provided virtually and topics included the following: *When and How to Apply to Graduate School and the Role of Your Research, Your Personal Statement as Part of your Graduate School Application and the Role of Your Research, Introducing the Center for Research Design & Analysis (CRDA), and Imposter Syndrome/Phenomenon and How it Can Impact your Research.*
- **Student Creative Arts and Research Symposium** – For this symposium, over 270 abstracts were accepted for presentation and can be found in the 2025 Student Creative Arts & Research Symposium Program. The Chancellor's Student Research Scholars were selected and received their awards. Students accepted to the Symposium have been invited to place their research in the TWU Library Archives.

## Student Engagement Summary

EVENT	# STUDENTS ENGAGED
<b>Student Creative Arts and Research Symposium</b>	
Accepted Abstracts	277
Poster Presentations	179
Platform Presentations	47
Virtual Presentations	51
<b>Total Presentations &amp; Number of Students Engaged</b>	<b>277*</b>

\*As many abstracts had multiple authors, the actual number engaged is higher than the total number of abstracts.

## CSR Student Research and Research Presentation/Publication Grant Awards

UG	29
GS	47
<b>Total Engaged</b>	<b>76</b>

## Workshops/Presentations/Individual Meetings

<b>Total Engaged (UG &amp; GS)</b>	<b>150+</b>
<b>Total Engagements with UG &amp; GS</b>	<b>500+</b>

## 2024-2025 Student Research Grants

Student(s) Mentor Department	Title of Research
Michelle Alexandre Dr. Ann Malecha College of Nursing	Trauma Providers' Perspectives on Intimate Partner Violence Screening and Identification
Elizabeth Bergman Dr. Sharon Wang-Price Physical Therapy - Dallas	Intra-Rater and Inter-Rater Reliability of Clinical Measurements for Hip Range of Motion and Hip Strength
Andrew Cain Dr. Kelli Brizzolara Physical Therapy	"Assessment of Pain Pressure Threshold and Core Endurance in Individuals with Non-Specific Low Back Pain as Compared to Healthy Controls: A Pilot Study"
Kelly Calhoun Dr. Ronna Robbins Nutrition & Food Sciences	Evaluating the Impact of Continuous Glucose Monitors on Dietary Choices and Metabolic Health in Non-Diabetic Older Adults
Cayla Clark Dr. Rhett Rigby School of Health Promotion & Kinesiology	Does Whole-Body Passive Heating, Aerobic Exercise, or a Combination of Heat and Aerobic Exercise Increase Heat Shock Protein Expression and Improve Motor and Non-Motor Symptoms of Parkinson's Disease?
Charles Collins Dr. Robin Conrad Dance	An Embodied Journey
Chloe Coloura Dr. Juliet Spencer Biology	Impact of HCMV on the Immune System of Breast Cancer Patients
Cherisma Chowdary Ghanta Dr. Mandana Pahlavani Nutrition & Food Sciences	Optimized microencapsulation of red wine pomace, using coaxial Electrospinning
Shahnaz Gillani Dr. Freysteinon Wayona College of Nursing	What are the lived experiences and participants' perception, when viewing themselves in
Changyan Jin Dr. Zhipeng Tao Nutrition & Food Sciences	Identification of Protein Palmitoylation in Hepatocellular Carcinoma
Kelsi Lambright Dr. Daniel Newmire Kinesiology	The Effects of Menstrual Cycle Phases on IFG-1 and Myostatin
BreeAnna Lasha Dr. Jennifer Woo College of Nursing	BUMPS-CAPTURE: Black Women Utilizing Maternal Postpartum Doula Services Captured And Presented Through Unique Realistic Experiences

Ashley Latchford Dr. Daniel Newmire School of Health Promotion & Kinesiology	Physiological Changes in College Artistic Swimmers During a Competition Season: A Prospective Study
Byungjoo Lee Dr. Shaochen Huang School of Health Promotion & Kinesiology	Assessment of the shoulder joint orientation angle calculation methods
Hannah Leisure Dr. Stina Soderling Multicultural Women's and Gender Studies	Oral Histories of Southern Lesbian Seniors
Winnie Lokuso Dr. Christopher Brower Biology	Investigating the Role of Cleaved Fragments in TDP43-Linked ALS and FTD
Violita McDonald Dr. Angeles Nava College of Nursing	The Lived Experiences of Texas Rural School Nurses Managing Respiratory Conditions
Carlos Mendez Dr. Juliet Spencer Biology	Impact of Human Cytomegalovirus on Cellular Lipid Composition
Madison Brooke Mills Dr. Ronna Robbins Nutrition & Food Sciences	Evaluating The Impact of Continuous Glucose Monitoring on Dietary Choices and Metabolic Health in Non-Diabetic Older Adults
Kanji Mori Dr. Shaochen Huang School of Health Promotion & Kinesiology	The Efficacy of Solitary vs. Collaborative Practice in Learning Unimanual Coordination
Megan Morse Dr. Sushmita Sinha Biology	Signaling pathways for BATF3 up-regulation in human T cells
Angeles Munoz Dr. Ale Babino Literacy & Language	Re-Imagining Assessments for Emergent Bilinguals
Regina Newman Dr. Helen Evert Nutrition & Food Sciences	Dose-Dependent Effects of Vitamin A on Hair Follicle Stem Cell Markers
Abigail Penny Dr. Yunxiang Li Chemistry & Biochemistry	Examining the Energy Transmission Mediated by Two Loops in the $\gamma$ Subunit of Escherichia
Alondra Rangel Dr. Zhipeng Tao Nutrition & Food Sciences	Evaluating Traditional SDS-Page vs. Precast Gels in Protein Analysis
Angel Rittler Dr. Heather Roberts Occupational Therapy	Feasibility of a Somatosensory Enriched Pediatric Constraint Induced Movement Therapy Camp for Children with Hemiplegia Cerebral Palsy

Crystal Rodriguez Dr. Laura Hanson Biology	Does Cytomegalovirus Infection Increase Both or the Second Marker of Alzheimer's Disease?
Leslye Rodriguez Dr. Zhipeng Tao Nutrition & Food Sciences	The Efficient Amplification of Plasmid HMGB3
Jennifer Roos Dr. Suh-Jen Lin Physical Therapy	Quality Assessment of Garmin Vivoactive 5 Fitness Tracker
Sophia Santhosh Dr. Jennifer Wilson College of Nursing	Woven Traditions in a Digital Age: Revisiting Victorian Hairwork
Colton Sopher Dr. Rhett Rigby School of Health Promotion & Kinesiology	Acute Response to Aquatic Exercise in Youth with Cerebral Palsy
Samantha Sprigings Dr. Christian Hart Psychology and Philosophy	Validating Self-Report Lying Measures
Matthew Stankus Dr. Mary Anderson Chemistry & Biochemistry	Activity of Glutathione Synthetase and its Variants
Matthew Stankus Dr. Mary Anderson Chemistry & Biochemistry	MD Simulations to Explore Regulation of Human Glutathione Synthetase
Christine VanBuren Dr. Helen Everts Nutrition & Food Sciences	The Role of STRA6 in Retinol Procurement for Mitochondrial Oxidative Phosphorylation
Zoe Venglarik Dr. Danhui Wang Nutrition & Food Sciences	Evaluating the Viability of Probiotics in Commercial Yogurt Products
Danielle Vines Dr. Aaron Norton Marriage and Family Therapy	Between Inner Desire and Outer Expression: A Phenomenological Study of Sexual Consent in Long-Term Couples.

## 2024-2025 Student Research Presentation Grants

Students Mentor Department	Title of Research Presentation or Publication
Dinvela Adam Mr. Justin Ashley Theatre	Irene Ryan Acting Scholarship Auditions at KCACTF
Hunter Alvis Dr. Rhett Rigby School of Health Promotion & Kinesiology	Blood Flow Restriction During Exercise in Spaceflight
Hunter Alvis Dr. Rhett Rigby School of Health Promotion & Kinesiology	Mitigation of Muscle Atrophy During Long-Duration Spaceflight
Hafsa Baba Dr. Sharon Wang-Price Physical Therapy - Dallas	Best Manual Physical Therapy Management Practices for Chronic Neck Pain - A Scoping Review
Amit Basnet Dr. Dayna Averitt Biology	Estrogen Modulates Inflammatory Mediator Release from Macrophages
Anitta Biju Dr. Alannah Shelby Rivers Psychology and Philosophy	Relationship self-efficacy in close relationships
Makiyah Brittmon Dr. Rhett Rigby School of Health Promotion & Kinesiology	Blood Flow Restriction During Exercise in Spaceflight
Erika Brown Dr. James Williams Social Sciences and Historical Studies	From Podcasting to Praxis: Exploration of Inequality in Black America via the Broke-ish® Podcast
Hana Choi Dr. Mijin Kim Psychology and Philosophy	<b>Poster:</b> Migratory grief and Depression: Emotion Regulation Among Korean Immigrants <b>Symposium:</b> Cultural Identity as Strength: Collective Self-Esteem and Well-being in Korean American Communities <b>Poster:</b> Healthcare Trust and Discrimination: Impacts on Asian American Patients' Wellbeing

Trinity Douglas Dr. Adam Jones School of Human Sciences, Counseling & Development	Evaluating and Developing Facilitative Systemic Intervention Skills (Workshop) Enhancing Therapeutic Responses: The Role of Deliberate Practice in Multicultural Family Therapy (Poster)
Cassidy Duan Dr. Ziaofen Du Nutrition & Food Sciences	Key role of texture in fresh-cut vegetables and characterization of texture-related parameters in cucumber
Cherishma Chowdary Ghanta Dr. Mandana Pahlavani Nutrition & Food Sciences	Optimized Microencapsulation of Red Wine Pomace, Using Coaxial Electrospinning
Christine Gilfrich Dr. Ana Louise Keating Language, Culture, and Gender Studies	Autohistoria-teoria Archival Research at the Benson Latin American Studies Collection
Kate Hilton Dr. Adam Jones School of Human Sciences	Relationships Between Observer - and Self-Rated Systematic Therapist Skills
Martha Hinojosa Dr. Rhett Rigby Health Promotion & Kinesiology	Mitigation of Muscle Atrophy During Long-Duration Spaceflight
Bitali Islam Dr. Dayna Averitt Biology	Transcriptome Analysis of Trigeminal Ganglia Following Sub-Chronic Stress Exposure in a Rat Model of Orofacial Inflammatory Pain
Anaya Kashikar Dr. Rhett Rigby School of Health Promotion & Kinesiology	Mitigation of Muscle Atrophy During Long-Duration Spaceflight
Kelsi Lambright Dr. Daniel Newmire Kinesiology	The Effects of Menstrual Cycle Phase on IGF-1 and Myostatin After an Acute Bout of Anaerobic Exercise
Ian LaRue Dr. Juliet Spencer Biology	Lack of Cytopathic Effects In Breast Cancer Cells Infected with Human Cytomegalovirus
Clay Martin Dr. Rhett Rigby School of Health Promotion & Kinesiology	Mitigation of Muscle Atrophy During Long-Duration Spaceflight

Michelle Nishida Dr. Jyutika Mehta Communication Sciences and Oral Health	Effects of Combining tDCS and Facial Emotion Recognition Therapy in Young Adults with Autism
Marina Obradovic Dr. Nasrin Mirsaleh Kohan Chemistry and Biochemistry	Characterizing Cisplatin-DNA Interactions Using HPLC-MS and Guanosine Monophosphate Models
Temiloluwa (Peace) Olaoluwa Dr. Dayna Averitt Biology	Euphorbia Bicolor Phytochemicals Reduce Neural and Inflammatory Markers of Burn Pain in a Rat Model of Full Thickness Thermal Injury
Laila Pacheco Dr. Hui-Ting Goh School of Health Promotion & Kinesiology	A Scoping Review of the Association between Post-Stroke Fatigue and Neuroimaging Markers
Serina Patel Dr. Christopher Brower Biology	IlluminATE1
Matthew Pearson Dr. Rhett Rigby School of Health Promotion & Kinesiology	Mitigation of Muscle Atrophy During Long-Duration Spaceflight
Michael Vincent Preciado Dr. Jennifer Wilson College of Nursing	Leveraging Undergraduate Nursing Research Collaboration to Evaluate Community Education and Communication Outcomes
Bahia Ramirez Dr. Debra Mollen Counseling Psychology PhD	Conservatism and Anti-Blackness: Applying Research to Practice and Advocacy
Madeline Ratoza Dr. Rupal Patel Physical Therapy - Houston	"1: A Socio-Demographic Exploration of the Population to PT/OT Provider Ratio across the State of Texas 2: Utility of Spatial Analysis to Model Rehabilitation Provider Shortage Areas: Verifying Datasets of Clinic Locations"
Erin Rocha Dr. Rhett Rigby School of Health Promotion & Kinesiology	Blood Flow Restriction During Exercise in Spaceflight
Josey Salazar Dr. Rhett Rigby School of Health Promotion & Kinesiology	Blood Flow Restriction During Exercise in Spaceflight

Hannah Schnettler  
Dr. Rhett Rigby  
School of Health Promotion  
& Kinesiology

Blood Flow Restriction During Exercise in  
Spaceflight

Madeline Schock  
Dr. Adam Jones  
School of Human Sciences,  
Marriage and Family  
Therapy

Therapist Self-Efficacy & Skills

Karolyn Skoby  
Dr. Rhett Rigby  
School of Health Promotion  
& Kinesiology

Blood Flow Restriction During Exercise in  
Spaceflight

Samantha Sprigings  
Dr. Christian Hart  
Psychology and Philosophy

Development of the Face-Saving Lies  
Scale

Matthew Stankus  
Dr. Mary Anderson  
Chemistry & Biochemistry

Simulations to Explore Regulation of  
Human Glutathione Synthetase

Priya Thomas  
Dr. Hui-Ting Goh  
Physical Therapy

Impact of post-stroke fatigue on  
perceived effort during reaching: a  
replication study

Mengdi Wang  
Dr. Hui-Ting Goh  
Physical Therapy

Neurophysiological Changes Associated  
with gait Recovery in Incomplete Spinal  
Cord Injury: A Preliminary Analysis of  
TMS Measures

# Office of STEM Collaborations and Initiatives (OSCI)





## STEM COLLABORATIONS & INITIATIVES

### Activity Report: 2024–2025

#### Overview

The Office of STEM Collaborations and Initiatives (OSCI) was established in 2024 to advance excellence in STEM education and research through centralized leadership, coordination, and support services at Texas Woman's University (TWU). The office has made significant progress in developing its infrastructure, strengthening partnerships, and expanding outreach across TWU and the broader community. The OSCI website, launched in December 2025, will serve as a central platform to highlight TWU's STEM programs, partnerships, and opportunities for students, faculty, and external collaborators.

#### University Engagement and Visibility

OSCI's efforts have significantly elevated TWU's visibility in regional and national STEM networks. The office continues to engage with major collaborative initiatives, including STEMconnector, the STEMM Opportunity Alliance, BioNTX, the North Texas STEM+ Ecosystem, and Beyond 100K, reinforcing TWU's presence in conversations on inclusion, workforce development, and women's leadership in STEM.

**STEM connector.** TWU's membership in [STEMconnector](#) supports OSCI's mission to expand inclusive, workforce-aligned STEM pathways and elevate TWU's national presence in STEM education leadership. Since joining in 2018, TWU has been featured in national forums, including Dr. Holly Hansen-Thomas's role as moderator at the 2025 STEM connector Innovation Forum. Membership also positioned TWU for collaboration on NSF proposals and new partnerships, such as Project Lead the Way, expanding opportunities for students and faculty.

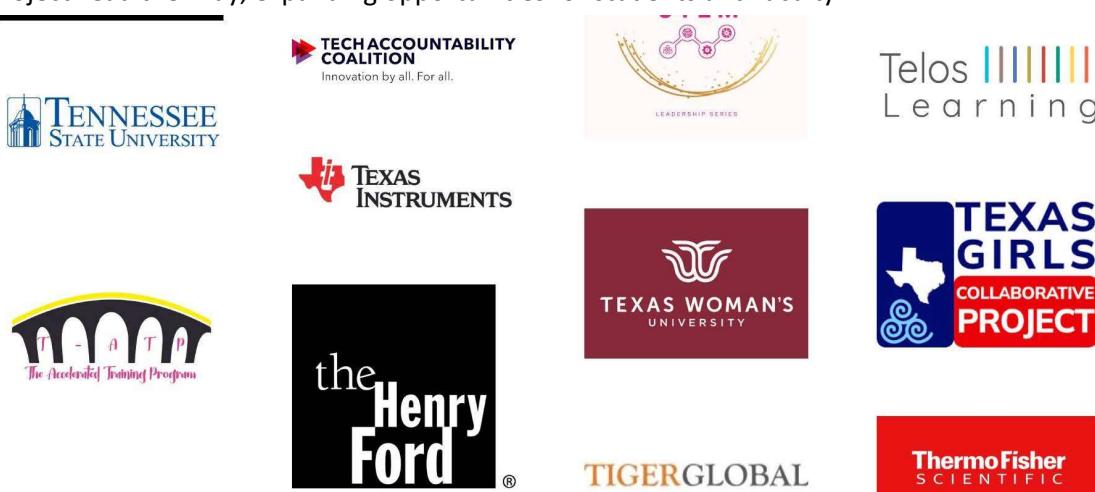


Figure 1. Snip from SOA website with TWU's logo

**STEMM Opportunity Alliance (SOA).** As an Alliance Partner (Figure 1), TWU contributes to the **STEMM Opportunity Alliance's** national effort to ensure that all Americans, regardless of background or location, have the opportunity to thrive in the STEMM economy. OSCI participates in partner meetings and provides institutional input to help shape this growing national coalition.

**BioNTX and iC<sup>3</sup> Life Science Summit.** OSCI supported TWU's **BioNTX** institutional membership (Figure 2) for 2025–2026 to strengthen regional connections within the North Texas bioscience community. The membership provides faculty access to professional development, networking events, and regional visibility through BioNTX communications, including recognition of TWU's *Washington Monthly* ranking. OSCI also sponsored the Women in Science Breakfast at the 2025 iC<sup>3</sup> Life Science Summit, showcasing TWU's leadership in advancing women in STEM.

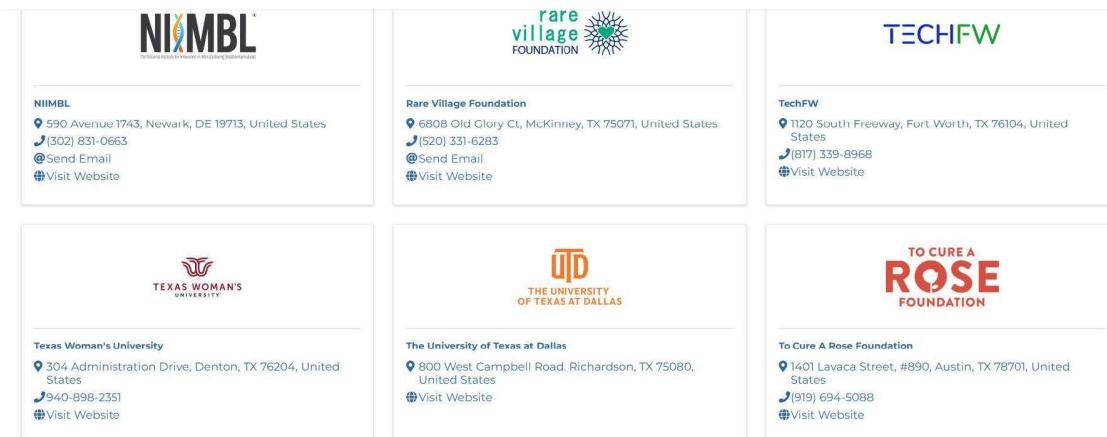


Figure 2. Snip from BioNTX website where TWU is prominently listed



Figure 3. Wings Over the Wetland Invitation

**Wings Over the Wetland.** OSCI was a sponsor of the Wings Over the Wetland event at the **John Bunker Sands Wetland Center** in September 2025 to support regional partnerships in STEM education and environmental stewardship. The event aligns with TWU's mission to promote hands-on learning and sustainability, and it strengthens ties with North Texas's environmental science and ecology networks.

**North Texas STEM+ Ecosystem.** TWU served as founding members of the **North Texas STEM+ Ecosystem**, launched in October 2025 to expand equitable, cradle-to-career STEM+ pathways across the region. The initiative brings together education, nonprofit, and industry partners to increase access to STEM and related fields such as medicine, data science, environmental science, and the arts. This partnership reinforces TWU's regional leadership inclusive STEM innovation.

**Beyond 100K.** Texas Woman's University's participation in **Beyond100K** aligns directly with the Office of STEM Collaborations and Initiatives' mission to advance equity, inclusion, and excellence in STEM education. Beyond100K unites partners across education, industry, and nonprofit sectors

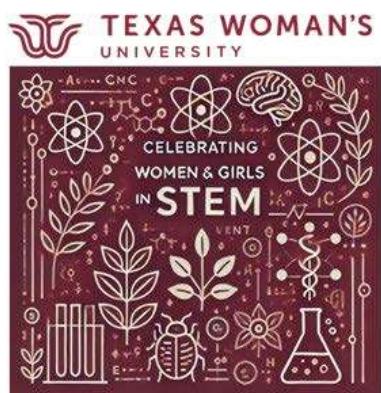
to address persistent STEM teacher shortages. Dr. Michaine Ashley and Dr. Diana Elrod attended the Annual Summit in Chicago in October 2025. TWU's involvement strengthens its leadership in

preparing and supporting future STEM educators while connecting its initiatives with national efforts to build an inclusive STEM workforce. Engagement in the 2025 Beyond100K Summit further amplifies TWU's voice in shaping collaborative strategies for systemic, equitable STEM education reform.

**D CEO Women in STEM and Celebration of Women and Girls in STEM.** TWU continued its leadership in women's STEM advancement through participation in the 2025 D CEO Women in STEM event at the Perot Museum of Nature and Science on February 11, 2025, where Provost Dr. Angela Bauer served as a featured panelist. TWU's involvement in the 2025 feature (Figure 4) and the upcoming 2026 profile further cements its reputation as a champion of women in science and technology.



Figure 4. TWU Faculty in D CEO Magazine



**TWU's Celebration of Women and Girls in STEM.** This major milestone, February 10–13, 2025, was a weeklong event aligning with International Women and Girls in Science Day and Texas Girls in STEM Day. The celebration featured interactive STEM activities, partnerships with NSF STAR, NSF PRIME, NSF SCALE, and ED ACCESS, and the assembly of STEM kits for all third-grade classrooms at Alexander Elementary.

Figure 5. TWU's Celebration of Women and Girls in STEM Logo

**SHTTEAM Punkins 2025.** On October 14, 2025, OSCI also supported the TWU SHTTEAM Punkins event, an interdisciplinary, family-friendly community celebration organized by the SHTTEAM Punks faculty collaborative. Over 75 people attended, including many non-TWU families. Dedicated to breaking

down silos between Science, Humanities, Technology, Engineering, Arts, and Math, the event featured themed, hands-on stations such as 'Pumpkin Volcanoes' (Science), a 'Spooky Storytelling Corner' (Humanities), 'No-Carve Steampunk Decorating' (Arts), and 'Guess the Weight' (Math). The SHTEAM Punkins event exemplified OSCI's mission to promote inclusive, creative, and community-driven SHTEAM learning experiences.



Figure 6. SHTEAM Punkins Passport and Participants

**Fashion Design and Merchandising Exhibition Opening.** OSCI sponsored the October 9, 2025, exhibition opening reception for the Fashion Design and Merchandising Division's Scottish Rite Exhibition of Adaptable Garments for Children to support interdisciplinary innovation and strengthen TWU's partnerships in health, design, and community-centered initiatives (Figure 7). The exhibition highlighted the work of TWU fashion students who design adaptive clothing that promotes independence, comfort, and confidence for children receiving treatment at Scottish Rite for Children. This project embodies the integration of creativity, sciences, and problem-solving that OSCI seeks to advance. Sponsoring the event elevated student work, supported inclusive design education, and reinforced TWU's commitment to addressing real-world community needs.



Figure 7. Faculty and students at the opening reception

## Building Partnerships and Community Engagement

Since its inception, OSCI has focused on building strong partnerships within the Denton Independent School District (DISD) to expand and strengthen K–12 STEM pathways. Working closely with Hill Elementary, Alexander Elementary, and soon Reeves Elementary (beginning in January 2026), all designated STEM schools, OSCI has created a series of interactive learning experiences that spark curiosity, build confidence, and foster a love of discovery among young learners. This collaborative effort is supported by the College of Professional Education and the College of Arts and Sciences, with Dr. Michaine Ashley of COPE providing invaluable guidance and partnership throughout the process.

**Inclusive STEM Learning: Hydroponic Garden Project.** In September 2025, Texas Woman's University, through the Office of STEM Collaborations and Initiatives, provided a vertical hydroponic garden for students in fully self-contained special education classrooms at Hill Elementary. This project, led by Dr. Diana Elrod and Dr. Michaine Ashley in collaboration with Principal Kascie Blough, was designed to create inclusive, hands-on STEM learning experiences for students with diverse learning needs. The garden introduces foundational concepts in plant science, sustainability, and observation-based inquiry while promoting sensory engagement and teamwork. All DISD STEM-designated elementary schools will be presented with a garden by May 2026. This initiative aligns with OSCI's mission to expand equitable access to STEM education and foster curiosity, confidence, and participation among all learners (Figure 8).



Figure 8. Hydroponic Garden Installation at Hill Elementary

**Hill Elementary House Huddles - Fall 2025:** The First Hill House Huddle of the 2025–2026 school year, held on September 12, featured six themed activity stations designed and delivered by TWU's School of the Sciences faculty – Dr. John Beatty (Chemex), Dr. Ann Davis (Inquisita), Dr. Diana Elrod (Astrona), Dr. Brandi Falley (Neuron), Dr. David Gardner (Codex), and Dr. Tina Gumienny (Geonova). Over 350 students and 50 teachers and other staff participated in this successful event (Figure 9).



Figure 9. House Huddle Participants and TWU Faculty at Hill Elementary

**Second House Huddle - Wildflower Seeding Event** where students learned about native plant ecology and sustainability and made over 700 wildflower pollinator pearls. Each teacher received a copy of Dr. Camelia Maier's book "How to Make a Pollinator Garden". TWU faculty, staff, and students volunteered for this exciting event and assisted PreK through 5th grade students and teachers in this fully hands-on activity. TWU representatives included Dr. Kelly Albus, Alana Taylor, Sheli Petersen, Omma Honey, Dr. Betsy

Kaye, Kelly Finch, Dr. Ann Davis, Dr. Michaine Ashley, Dr. Diana Elrod, Jaci Cervantes, Yulissa Gasca, Kalina Logan, Dr. Camelia Maier, Dr. Maria Serrano, and Jenni Wojtasjek. Over 350 students and 50 teachers and other staff participated in this successful event in October 2025 (Figure 10).



Figure 10. Wildflower Seeding Event Volunteers at Hill Elementary



Figure 11. Participants making Robot Hands at Alexander Elementary STEM Night

**STEM Night at Alexander Elementary.** At Alexander Elementary's STEM Night, TWU faculty led the building of 'Robot Hands' and exploring anatomy and engineering principles. Dr. Michaine Ashley, Alasdair Green, and Dr. Diana Elrod represented TWU at this event where over 50 people, often entire families, participated in making Robot Hands (Figure 11).

**Teacher Appreciation Luncheons.** These have occurred at both Hill and Alexander and have reached more than 150 teachers and staff, fostering collaboration and trust between TWU and local educators.

## Looking Ahead

Building on its 2025 successes, OSCI will continue to advance its mission in 2026 by launching the official OSCI website, expanding the Women and Girls in STEM celebration across all TWU campuses, deepening partnerships with Denton ISD and other districts, implementing hydroponic gardens districtwide, collaborating with the Girl Scouts of North Texas, and sustaining national collaborations with STEM connector, SOA, Beyond 100K, and others. Through collaboration, visibility, and impact, OSCI continues to serve as a catalyst for innovation, connection, and opportunity in STEM education and research across TWU and beyond.

# Woodcock Institute





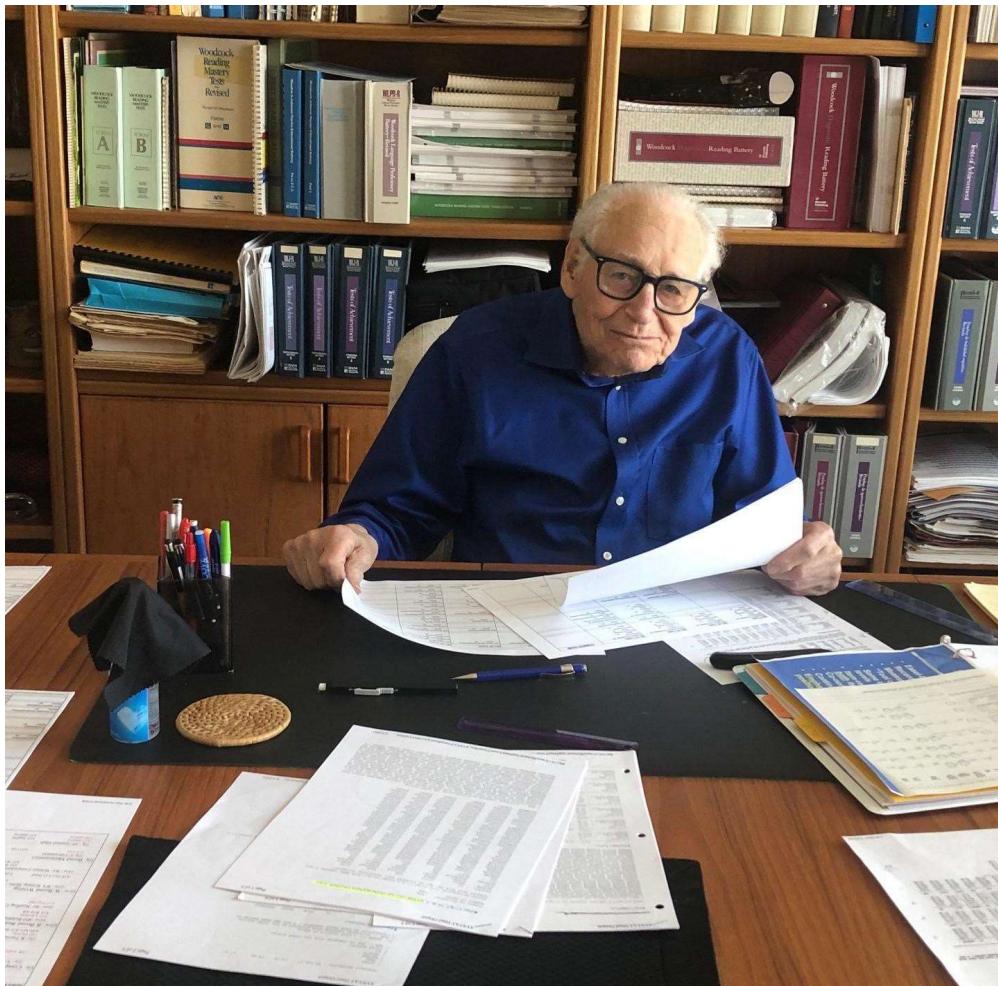
# WOODCOCK INSTITUTE

For the Advancement of Neurocognitive  
Research and Applied Practice

**TEXAS WOMAN'S UNIVERSITY**

FY 2025

Annual Report



**Dr. Richard W. Woodcock**

1928 - 2024

## I. Executive Summary

Our benefactor, Dr. Richard W. Woodcock passed away on January 2, 2024. He was 95 years old. His gracious donations to Texas Woman's University and the establishment of the *Woodcock Institute for the Advancement of Neurocognitive Research and Applied Practice* will ensure his lasting legacy.

This annual report marks the end of the tenth year of operations for the Woodcock Institute. In FY25, 13 new research grants were awarded, seven of which were awarded to TWU faculty. In total, we were awarded \$252,000 in new research grants.



In FY25, we received \$829,218.94 in royalties from Riverside Insights for the sale of the *Woodcock Johnson – Fourth Edition* and other tests authored by Dr. Woodcock. In FY25 the **Woodcock Endowment Fund** earned \$957,745.73 in interest and appreciated market value by \$405,775.96. The FY25 starting fund balance was \$32,047,072.12 and the end of the FY25 fund balance was \$33,500,596.81. This represents a 4.53% increase in the year-over-year balance.

In FY25, the **Woodcock Institute Quasi Endowment Fund** generated \$104,813.21 in earned interest and appreciated in market value by \$47,113.32. The FY25 starting balance for the Woodcock Institute Quasi Endowment Fund was \$3,544,118.44 and the end of the FY25 fund balance was \$3,680,159.23. This represents a 3.84% increase in the year-over-year balance.

In FY25, the Woodcock Autism Assessment Clinic (WAAC) continued its operations through a collaborative partnership with the University of North Texas' Kristin Farmer Autism Center. Doctoral students from the School Psychology Graduate Program completed supervised practicum experiences during the fall and spring semesters under my supervision. Additional clinical services were provided by supervised graduate students from Texas Woman's University's Occupational Therapy and Communication Sciences programs. The Institute also continued its co-sponsorship of TWU's Spring Student Creative Arts and Research Symposium.

Dr. Dan Miller retired in August 2025 after 10 years of service with the Woodcock Institute and 35 years at Texas Woman's University. We extend our sincere appreciation for Dr. Miller's longstanding contributions to the university and for his leadership in advancing and preserving the legacy of Dr. Richard W. Woodcock. I assumed the leadership following Dr. Miller's retirement and I am honored to continue this important work, with a commitment to sustaining and expanding the Institute's impact.

Wendi L. Johnson, Ph.D., LP, LSSP, NCSP  
Executive Director, Woodcock Institute

Associate Professor, TWU School of Social Work, Psych and Philosophy Director,  
Woodcock Autism Assessment Clinic (WAAC)

## II. Annual Accomplishments

### A. The Legacy of Richard W. Woodcock – Woodcock Archives

On April 29, 2025, the Woodcock Archives was dedicated on the 1<sup>st</sup> floor of Woodcock Hall. Dr. Woodcock's family flew in for the ceremony and celebration dinner afterwards. The Woodcock Archives include many of Dr. Woodcock's original assessment measures, books, and a braille machine he pioneered – even the bookcases were his and are used in the display. Below are some pictures from the dedication ceremony.



## **B. Richard W. Woodcock Distinguished Research Fellowship**

In FY22, the Richard W. Woodcock Distinguished Research Fellowship (DRF) guidelines were established with the intent to fund this award for each academic year. The Woodcock DRF is a competitive grant awarded to U.S. universities or other not-for-profit educational entities to provide release time for one individual to pursue research/scholarly projects that are consistent with the mission of the Woodcock Institute. The Woodcock DRF intends to provide support for individuals with an established research record with grant funds used to offset a portion of the recipient's salary and fringe benefits for the chosen grant period. The grant funds may not be used for any other expenses other than salary and fringe benefits. The grant recipient may choose to receive funding for a period of 6 months or funding spread out over a full 12-month period. The grant applicant must specify the requested grant funding period which allows them sufficient time to complete their proposed research project(s).

The grant recipient is required to receive reduction in their normal job duties from their employer commensurate with the total amount awarded for the grant period. The fellowship grant provides the recipient with time to conduct original research and disseminate findings or to produce books, monographs, peer-review-articles, e-books, or digital materials based on their prior research. Grant applicants must articulate in their application a clear research agenda with timelines and a description of the final work products. The grant request may not exceed \$130,000 in total, with salary capped at \$100,000 and fringe benefits capped at \$30,000, unless approved by the Executive Director of the Woodcock Institute. There were no applicants for this fellowship this past year, however, several discussions have taken place with potential applicants for next year.

## **C. Affiliate Faculty Members**

During the 2017-18 academic year, the Woodcock Institute staff initiated a process for TWU faculty to apply to become affiliate faculty with the institute. ***At the end of FY25, we had 25 affiliate faculty members.*** We have affiliate faculty members from all three campuses spread across eight disciplines. Affiliate faculty status is open to all full-time TWU faculty members who are currently conducting or are interested in conducting research which is consistent with the mission of the Woodcock Institute.

The benefits of affiliate faculty status are:

1. being invited to a Fall and Spring meeting to network with other TWU faculty members and share research ideas.
2. establishing a research identity with the Woodcock Institute which may help faculty secure external funding.
3. listing "Woodcock Institute Affiliate Faculty" on the faculty member's CV.
4. Invitation to the Fall Affiliate Faculty Collaborative Forum.

## **D. The Woodcock Autism Assessment Clinic Operations**

The UNT Kristin Farmer Autism Center is a day treatment facility for children and youth who have been identified with Autism. The Autism Center did not have a mechanism to identify Autistic children so the establishment of an assessment clinic would meet community needs, offer training opportunities for TWU graduate students, and develop future research opportunities. In the Fall of 2020, the Woodcock Autism Assessment Clinic (WAAC) was established at the UNT Autism Center.

Funds were budgeted for Spring of FY25 to pay for a part-time Assistant Clinical Assistant Professor to be assigned to the School Psychology Doctoral program. The cost of that part-time position was split between the Woodcock Institute and the UNT Autism Center, and as a result of that hire, Dr. Wendi Johnson was released from her normal TWU duties for .25 FTE during Spring 2025 to be the director of the WAAC.

The WAAC started in the Fall of 2020 on a limited basis despite the challenges of the ongoing pandemic. Doctoral students from TWU's School Psychology program were the first participants in the WAAC operations in FY21. The goal of the Woodcock Institute was always to increase the number of academic disciplines involved in the WAAC operations to offer a true multidisciplinary experience for the children and families being assessed in the clinic as well as offering that enriched experience for the TWU practicum students. Starting in the Fall of 2021, graduate students from the school psychology, speech and language, and occupational therapy programs participated in the multidisciplinary WAAC operations.

### **1. Fall 2024 Semester WAAC Operations:**

Fall 2024 saw the completion of our 9th semester of the Woodcock Autism Assessment Clinic (WAAC) and our 7th semester as a comprehensive, multi-disciplinary team. The clinic is truly a collaborative effort between the UNT Kristin Farmer Autism Center (KFAC), the Woodcock Institute, as well as the TWU programs of School Psychology, Occupational Therapy, and Communication Sciences (COMS). Each entity has agreed to the MOU and has worked collaboratively to allow this partnership to thrive. The WAAC plans to continue to build these relationships and provide interdisciplinary, comprehensive evaluations for families in our surrounding communities.

Graduate students from the three programs were represented at the WAAC. From psychology, 3 school psychology doctoral students completed a 1 credit, clinical specialty practicum under the field supervision of clinic director Dr. Johnson. The number of hours logged per psychology student ranged across the 3 students at 89, 78, and 98 hours, respectively. The clinic served a total of 7 client families this semester, 6 from the community and 1 re-evaluation of a student currently being served at KFAC. Secondary supervision was provided by Dr. Arthur Swisher, adjunct faculty for TWU School Psychology. In addition, the Occupational therapy assistant professor, Dr. Hope McCarroll, had 5 graduate clinical students able to participate as part of the multidisciplinary team assessments. In addition, the COMS program had 2 masters' students as part of the evaluation process under the supervision of Ms. Alison Brockett. The full team of 10 graduate students and 3 supervisors completed interdisciplinary assessments and case conceptualization for all 7 clients.

### **2. Spring 2025 Semester WAAC Operations:**

We are thankful to have completed our 5th year and 10th semester of the Woodcock Autism Assessment Clinic (WAAC). We opened the WAAC during the throes of COVID in August 2020 after not knowing if it would happen or not. The following year we expanded to include speech and OT testing to provide multidisciplinary evaluations. The WAAC is truly a collaborative effort between the UNT Kristin Farmer Autism Center (KFAC), the Woodcock Institute, as well as the TWU programs of School Psychology, Occupational Therapy, and Communication Sciences (COMS). Each entity has agreed to the MOU and has

worked collaboratively to allow this partnership to thrive. The WAAC plans to continue to build these relationships and provide interdisciplinary, comprehensive evaluations for families in our surrounding communities.

Graduate students from the three programs were represented at the WAAC. From psychology, 2 school psychology doctoral students completed a 1 credit, clinical specialty practicum under the field supervision of clinic director Dr. Johnson. The clinic served a total of 7 client families this semester, 6 from the community and 1 re-evaluation of a student currently being served at KFAC. Secondary supervision was provided by Dr. Stephen Rousseau, adjunct faculty for TWU School Psychology. In addition, the Occupational therapy assistant professor, Dr. Hope McCarroll, had 4 graduate clinical students able to participate as part of the multidisciplinary team assessments. From the COMS program 2 masters' students participated as part of the evaluation process under the supervision of Ms. Becky Jimenez. The full team of 8 graduate students and 3 supervisors completed the interdisciplinary assessments and case conceptualizations for all 7 clients.

## **E. Trainer's Dinner at the National Association of School Psychologist (NASP) Annual Conference**

The Woodcock Institute Trainers' Dinner was held on February 20, 2025, in conjunction with the National Association of School Psychologists Annual Conference in Seattle, Washington. This annual event brought together approximately 60 trainers and professors specializing in cognitive assessment from across the country. During the dinner, Dr. Miller provided updates on current grants and program offers through the Woodcock Institute. He also announced his retirement, marking 10 years of service with the Institute and 35 years with the university. Dr. Wendi L. Johnson was introduced as his successor following his retirement on September 1, 2025.

## **F. Refining the Daily Operations of the Woodcock Institute**

During our tenth year of operations, Jacque Endres, Woodcock Institute Senior Grant Program Manager, has continued to work with the Office of Research and Sponsored Programs to refine the budget management of both the internal and external grants. We have also worked closely with the Office of University Advancement in coordinating how external income is allocated. During FY25, Dr. Wendi Johnson worked .25FTE with the Woodcock Institute to cover directing the WAAC as well as to learn the Executive Director role upon Dr. Miller's retirement. A post-doctoral fellowship position was added and interviewed for but unfortunately the position was not filled. This opening will continue for next year. In addition, the Institute also started the process to hire an administrative assistant for next year.

### **III. Grants**

The Woodcock Institute has research grants available to both internal TWU applicants and external applicants who reside in the United States. The primary researcher must be affiliated with either a state tax exempt entity or a 501(c)(3) organization such as a college, university, school district, or research entity that is willing to serve as the fiscal agent if the grant is awarded. The research topic must be related to the mission of the Woodcock Institute, which is the advancement of neurocognitive research and translation of neurocognitive research into practice (see [www.twu.edu/woodcock-institute/](http://www.twu.edu/woodcock-institute/)). Research proposals are competitive and are reviewed by three reviewers, including the Executive Director of the Woodcock Institute.

## A. Completed Research Grants

Numerous grants were completed in FY24 which had been funded in previous years. There were several grants which had to be extended due to restrictions passed on data collection due to the pandemic. When a final report is received for a grant or a publication or poster presentation based on the research, these work products are posted in the Woodcock Institute's website for the completed grants, respectively.

## B. Funded Research Grants through FY25

Five research grants were awarded in FY25. Three of the five research grants were awarded to TWU faculty members.

Principal Investigator(s)	Project Title	Institution	Funding Period	Amount Awarded
PI - Dr. Heather Roberts	Smart Start – A School Readiness Program for Young Children with Cerebral Palsy.	Texas Woman's University	8/01/2025 – 07/31/2026	\$20,000
PI - Dr. Joshua Weinhandl Co-PI - Dr. Kevin Becker	The Combined Influence of Neurocognitive Abilities and Attentional Focus Strategies on ACL Injury Prevention.	University of Tennessee, Knoxville	8/01/2025 – 09/31/2026	\$20,000
PI - Dr. Lisa Griggs-Stapleton	Enhancing Executive Functioning and Reducing Anxiety: A Program for Female College Students with Attention Deficit Hyperactivity Disorder.	Texas Woman's University	7/01/2025 – 01/31/2027	\$20,000
PI - Dr. Lema Kabashi	Field Test of Assessment, Evaluation, and Programming Systems (AEPS) for Infants and Children, 3 <sup>rd</sup> Edition, in Kosovo.	University of Wisconsin La Crosse	7/01/2025 – 08/31/2027	\$20,000
PI - Dr. Anne Sullivan	The Multi-context Approach to Cognitive Rehabilitation to Improve Daily Living Skills for Autistic Young Adults: A Pilot Study.	Texas Woman's University	6/01/2025 – 07/01/2026	\$20,000
PI - Dr. Matthew Wright	The Lemonade Paradigm: Estimating Neurocognitive Function from Performance Validity Failures.	California State University Fresno	7/01/2025 – 08/31/2027	\$20,000
PI - Dr. Jayne Dunlap	Optimizing Research Translation Time Through the Mountain Model: A Delphi Study.	Texas Woman's University	6/01/2025 – 12/31/2025	\$20,000
PI - Dr. Joel Schneider Co-PI – Aidan Campagnolio	Non-linear Relations Among Academic Abilities Improve. Clinical Practice and Empirical Interpretations	Temple University	06/15/2025 – 12/31/2025	\$12,000

PI – Martin Rosario	Exploring the impact of Transcranial Direct Stimulation (tDCS) Intervention on Cognitive Response Time and Standing Balance in People Living with HIV.	Texas Woman's University	3/1/2025–10/31/2026	\$20,000
- Bethany Plakke Anderson	Does repetitive transcranial magnetic stimulation improve cognition in an aged model of Fragile X syndrome?	Kansas State University	3/1/2025–10/31/2026	\$20,000
PI - Lou Ann Hintz Co PI – Maria Peterson-Ahmad	Gather Around: Family Meals as a Catalyst for Healthy Dynamics and Reduced Stress	Texas Woman's University	6/1/2025-5/31/2026	\$20,000
PI – Christopher Cagna Co PI - Ekaterina Dobrykova	Examining Neural Mechanisms of Motivated Learning and Cognitive Performance in Individuals with Multiple Sclerosis: A Functional MRI Study	Kessler Foundation	3/1/2025-3/31/2026	\$20,000
PI - Dr. DiAnna Hynds	Mechanisms of Tau Dysfunction in Trisomy 21.	Texas Woman's University	9/01/2025 – 08/31/2027	\$20,000

### C. Funded Dissertation Grants for FY25

Principal Investigator(s)	Project Title	Institution	Funding Period	Amount Awarded
Savitha Sundar	Occupational Therapy in Inclusive Education for Students with Extensive Support Needs: A Multiple Case Study.	Texas Woman's University	12/31/2024-6/1/2025	\$2,030
Michelle Nishida	The Effects of tDCS on Auditory Emotion Recognition in Young Adults with Autism.	Texas Woman's University	2/10/2025-12/1/2025	\$5,000

## IV. FY24 and FY25 Budgets

### A. FY25 Richard W. Woodcock Endowment Budgeted Income and Actual Income and Estimated FY26 Income

Table 1 - Budgeted FY25 Income versus Actual FY25 Income and Projected Income for FY26

Richard W. Woodcock Endowment Fund			
FY25 Budgeted and Actual Income and FY26 Estimated Income			
Income			
09/01/2024 Beginning Balance: \$32,047,072.12			
	Budgeted Income FY25	Actual Income FY25	Estimated Income FY26
Riverside Insights – WJ IV Royalties			
Second Quarter 2023 Royalties	\$ 250,000	\$301,627.97	\$100,000
Third Quarter 2023 Royalties	\$ 200,000	\$199,297.55	\$75,000
Fourth Quarter 2023 Royalties	\$ 200,000	\$179,402.03	\$50,000
First Quarter 2024 Royalties	\$ 150,000	\$148,891.39	\$50,000
Total Riverside Insights WJ IV Royalties (4 quarters)	\$800,000	\$829,218.94	\$275,000
EOY Interest Income on Investments	\$500,000	\$957,745.73	\$
EOY Market Value Appreciation	\$775,000	\$405,775.96	\$
EOY Realized Gain/Loss	\$ 500,000	\$357,632.16	\$
EOY Fair Market Value Adjustment	\$ 500,000	\$333,215.08	\$
EOY Management Fee Expense	-\$ 225,000	-\$285,071.28	\$
Total Income for Woodcock Endowment Fund	\$1,824,500	\$2,192,970.63	
08/31/25 Ending Balance: \$33,500,596.81			

Table 1 shows the budgeted FY25 Income versus actual FY25 Income and projected Income for FY26. The estimated royalties from Riverside Insights for FY25 was \$800,000 and the actual income was \$829,218.94. Note that FY25 will be the last year that a large amount of royalties will be paid since the next version of the Woodcock-Johnson test (WJ 5) will be published and we have already been pre-paid for future edition royalties. There will still be some WJ IV royalties received from Riverside Insights in FY25 and perhaps in FY26. The total estimated Riverside Insights for FY26 is \$275,000.

In FY25, the Woodcock Endowment Fund earned \$957,745.73 in end-of-year interest and the fair market value of the entire Woodcock Endowment increased by \$405,775.96. Total annual income for the Richard W. Woodcock Endowment Fund for FY25 was \$2,192,970.63. The Endowment Fund distributed \$739,445.94 to fund the TWU Woodcock Institute for the FY25 fiscal year.

## B. FY25 Woodcock Institute Budgeted and Actual Expenses and FY26 Budgeted Expenses

Table 2 – Richard W. Woodcock Institute Fund Budgeted FY25 Expenses versus Actual FY25 Expenses and Estimated FY26 Budgeted Expenses

Richard W. Woodcock Institute Fund FY25 Budgeted and Actual Expenses and FY26 Budget			
	Budgeted Expenses FY25	Actual Expenses FY25	Estimated Budget FY26
<b>Balance Carryover from Previous Year</b>	\$ 454,739.36	\$ 454,739.36	<b>\$627,807.54</b>
<b>Distribution from University Advancement for Woodcock Institute Annual Budget</b>	\$739,445.94	\$739,445.94	<b>\$855,213.83</b>
<b>Total Available Budgeted Funds</b>	\$1,194,185.30	\$1,194,185.30	<b>\$1,483,021.37</b>
<i>University Overhead (5% of new requested monies)</i>	-\$ 36,972	\$36,792	<b>\$42,761</b>
<b>Salaries:</b>			
<b>Total Salaries</b>	-\$200,000	-\$191,217	-\$258,000
.125 FTE Assistant Visiting Professor to psych department to release Dr. Johnson to work in the UNT Autism Center (WAAC) & .25 FTE release time for Woodcock Institute Assistant Director	-\$ 30,666	-\$ 38,026	-\$ 0
Richard W. Woodcock Distinguished Research Fellowship	-\$130,000	-\$ 0	-\$130,000
Richard W. Woodcock Pediatric Psychology Fellowship Post-Doc	-\$ 60,000	-\$ 0	-\$ 67,000
<b>Fringe Benefits (separates fringe benefits from budgeted salaries):</b>	-\$ 126,200	-\$55,782.70	-\$ 136,500

<b>Total Wages &amp; Fringes for WI staff</b>	<b>-\$546,866</b>	<b>-\$285,026</b>	<b>-\$591,500</b>
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Maintenance & Operations	-\$ 10,000	-\$ 3,865	-\$ 5,000
Capital Outlay	-\$ 10,000	-\$ 0	-\$ 10,000
Dr. Woodcock's Archives in Woodcock Hall	-\$ 100,000	-\$ 100,000	-\$ 8,000
National Solution-Oriented Conference	-\$ 25,000	-\$ 0	-\$ 25,000
Distinguished Lecturer Grant	-\$ 10,000	-\$ 0	-\$ 10,000
Co-Sponsor the TWU Spring Research Symposium	-\$ 10,000	-\$10,000	-\$ 10,000

<b>Expenses – continued</b>			
	<b>Budgeted Expenses FY25</b>	<b>Actual Expenses FY25</b>	<b>Estimated Budget FY26</b>
TWU Departmental WAAC Stipend for OT	-\$ 2,800	-\$ 2,800	-\$ 2,800
TWU Departmental WAAC Stipend for Communication Sciences	-\$ 2,800	-\$ 2,800	-\$ 2,800
Actual Grant Expenditures	-\$180,000	-\$252,000	-\$240,000
Dissertation Grants Awarded	-\$ 15,000	-\$7,030	-\$ 15,000
<b>Total</b>	<b>-\$365,600</b>	<b>-\$378,495</b>	<b>-\$328,600</b>
<b>Grant Reviewer's Stipends:</b> <i>Dr. John Terrizzi &amp; Dr. Chris Hart</i>	<b>-\$ 5,000</b>	<b>-\$ 5,000</b>	<b>-\$ 5,000</b>
<b>Travel</b>	<b>-\$ 8,000</b>	<b>-\$ 0</b>	<b>-\$ 8,000</b>
<b>Total Miscellaneous &amp; Travel</b>	<b>-\$ 13,000</b>	<b>-\$5,000</b>	<b>-\$ 13,000</b>
<b>Total Budgeted &amp; Actual Expenses</b>	<b>-\$231,747</b>	<b>-\$488,872</b>	<b>-\$507,160.37</b>

## C. FY25 Woodcock Institute Quasi Endowment Income and Expenses and FY26 Estimated Income and Expenses

Table 3 – Richard W. Woodcock Institute Quasi Endowment Fund FY25 Budget and Actual Income and Expenditures and FY26 Estimated Income and Expenditures.

<b>Richard W. Woodcock Institute Quasi Endowment Fund</b> <b>FY25 Budgeted and Actual Income and Expenses and FY26 Estimated Income and Expenses</b>			
<b>Income</b>			
<b>09/01/2025 Beginning Balance: \$3,544,118.44</b>			
	Budgeted Income FY25	Actual Income FY25	Estimated Income FY26
Woodcock Keynote at SWPA Spring Annual Conference	-\$5,000	-\$3,232.05	-\$5,000
Donation from Riverside Insights for the Woodcock Dinner at NASP	\$5,000	\$6,000	\$6,000
EOY Interest Income on Investments	\$50,000	\$104,813.21	\$50,000
<b>EOY Market Value Appreciation</b>	\$100,000	\$47,113.32	
<b>EOY Realized Gain/Loss</b>	\$60,000	\$39,215.51	
<b>EOY Fair Market Value Adjustment</b>	\$60,000	\$35,542.97	
<b>EOY Management Fee Expense</b>	-\$20,000	-\$27,645.16	
		<b>\$723,738.89</b>	
<b>Expenses</b>			
	Budgeted Expenses FY25	Actual Expenses FY25	Estimated Expenses FY26
NASP Trainer's Dinner (Feb. 25)	-\$15,000	-\$17,552.28	-\$18,000
Travel costs for attending NASP Dinner	-\$ 5,000	-\$4,333.46	-\$7,000
<b>Total Budgeted &amp; Actual Expenses</b>	<b>-\$20,000</b>	<b>-\$21,885.74</b>	<b>-\$25,000</b>
<b>FY25 Endowment Distribution to TWU Woodcock Institute</b>		<b>\$82,935.74</b>	
<b>08/31/25 Ending Balance: \$3,680,159.23</b>			

**D. The Richard W. Woodcock Endowment Fund's** principal source of continued funding comes from the Riverside Insights royalties from the sale of the Woodcock-Johnson IV Tests of Cognitive, Achievement, and Oral Language. Two other sources of income for the Richard W. Woodcock Endowment, not shown in Figure 1, are the annual return on investments in the funds' balance, and the realized market gains or losses on the total account assets. As previously mentioned, the Riverside Insights royalties from WJ IV have started to diminish starting in FY25 due to the publication of the new version of the test.

**The Woodcock Institute Quasi Endowment Fund** is based on royalties. In 2015, the Woodcock-Munoz Foundation (WMF) transferred the bulk of their cash assets to TWU to create the Richard W. Woodcock Endowment Fund. However, up until 2022, the WMF still received royalties from Riverside Insights based on the sale of the previous version of the Woodcock-Johnson Tests (the WJ III). WMF passed on these royalties to the Woodcock Institute Endowment Fund on a quarterly basis. As previously mentioned, the royalties from the WMF stopped at the end of FY22.

In the past several years, Riverside Insights has co-sponsored the annual dinner for trainers of school psychologists which is held in conjunction with the National Association of School Psychologists Annual Convention. Riverside Insights donated \$2,600 in the first year of the Woodcock Institute, increased their donation to \$5,000 for FY17, increased their donation to \$7,500 for FY18, \$5,000 for FY19, and \$5,000 for FY20. Riverside Insights did not donate anything for FY21 and FY22 since the Woodcock dinner was cancelled for those years. They donated \$5,000 for the dinners on FY23 and FY24. They have donated \$6,000 to FY25 and will do the same for the February 2026 dinner at NASP.

## **E. Beginning and Ending Yearly Balances in Endowment Funds**

The beginning balances and the estimated ending balances for each of these funds is shown below:

### **Richard W. Woodcock Endowment Fund**

09/01/24	Beginning Balance	\$32,047,072.12
08/31/25	Ending Balance	\$33,500,596.81

### **Woodcock Institute Quasi Endowment Fund**

09/01/24	Beginning Balance	\$3,544,118.44
08/31/25	Ending Balance	\$3,680,159.23

The figures above represent the ending fiscal year balances for both of the Woodcock Endowment Funds after yearly expenses. Both endowment funds continue to grow as a result of continued income streams, increased interest yields, and conservative spending.

## End of Fiscal Year Balances for the Two Endowment Funds

FY	Woodcock Endowment Fund	Woodcock Institute Fund	Totals
<b>FY15</b>	\$8,743,803	\$ 200,000	\$8,943,803
<b>FY16</b>	\$9,528,879	\$ 285,000	\$9,813,879
<b>FY17</b>	\$11,187,107	\$ 900,632	\$12,087,739
<b>FY18</b>	\$13,066,849	\$ 1,022,931	\$14,089,780
<b>FY19</b>	\$15,116,774	\$ 1,086,611	\$16,203,385
<b>FY20</b>	\$17,049,568.43	\$1,537,235.10	\$18,586,803.53
<b>FY21</b>	\$23,337,877.20	\$2,380,047.52	\$25,717,924.72
<b>FY22</b>	\$23,061,097.95	\$2,284,967.67	\$25,347,093.52
<b>FY23</b>	\$27,830,673.49	\$ 2,840,738.67	\$30,671,412.16
<b>FY24</b>	\$32,047,072.12	\$3,544,118.44	\$35,591,190.56
<b>FY25</b>	\$33,500,596.81	\$3,680,159.23	\$37,180,756.04

## V. Dr. Miller's Scholarly Activities

Dr. Dan Miller, Executive Director of the Woodcock Institute, maintained an active program of professional presentations and scholarly work as part of his leadership responsibilities and in alignment with the Institute's mission. Below are examples of Dr. Miller's scholarly contributions during FY25.

Dr. Dan Miller retired effective September 1, 2025. His successor, Dr. Wendi Johnson, will continue to engage in research-related activities and professional training that support and advance the mission of the Woodcock Institute.

### Publications

- Miller, D. C., Maricle, D. E., & Bedford, C. L. (June 2025). The Development of School Neuropsychology as a Specialty in the United States. *Ibero-American Journal of Neuropsychology*.
- Maricle, D. E., Bedford, C., Gettman, J., Miller, D. C., & Johnson, W. L. (2025). *Understanding and Managing Neurodevelopmental Disorders in Children and Adolescents: A Pediatric Treatment Guide*. Routledge.

### Works in Progress

- Miller, D. C., Maricle, D. E., Bedford, C. L., & Gettman, J. A. (in Press). School Neuropsychology Conceptual Model. *Handbook of Curriculum & Instructional Theories*. Information Age Publishing.
- Miller, D. C., Maricle, D. E., Bedford, C. L., & Gettman, J. A. (in Preparation). *Essentials of School Neuropsychological Assessment, Fourth Edition*. Wiley.

