

RESEARCH SPOTLIGHT

EXTERNALLY FUNDED PROJECTS

Dr. Ann Wheeler **Mathematics**

Awarded funding in the amount of \$16,581 on a subcontract from Pacific University Oregon on a grant from the U.S. Department of Education for her project titled "Toolkit for Enacting Digital Curricula (TEDC)."

Dr. John Beatty **Chemistry and Biochemistry**

Awarded a grant in the amount of \$12,694 on a subcontract from University of North Texas on a grant from the National Aeronautics & Space Administration for his project titled "Protective Thermal Electrochromic Coatings."

Dr. Catalina Pislariu **Biology**

Awarded supplemental funding in the amount of \$50,000 on a subcontract from the Boyce Thompson Institute on a grant from the National Science Foundation for her project titled "RESEARCH PGR: Functional Genomics of Beneficial Interactions."

PT researchers studying treatments for post-stroke fatigue

Many stroke survivors suffer from fatigue, which can significantly impact their quality of life. This overwhelming sense of tiredness can impact everyday activities, and make otherwise routine tasks such as getting dressed and cooking dinner take longer than pre-stroke life. Now, two Texas Woman's professors are hoping their research can lead to treatments that can improve life for those who are dealing with post-stroke fatigue.



Associate Professor Hui-Ting Goh, PhD and Professor Emeritus Elaine Jackson, both from the School of Physical Therapy at the Dallas Center, have been awarded a \$372,870 three-year grant from the National Institutes of Health to fund their project, "Behavioral and Neural Correlates of Post-Stroke Fatigue."

"Many individuals who have had a stroke experience fatigue, which prevents them from fully participating in activities," Goh, the lead investigator, said.



"Unfortunately, we know very little about what causes fatigue after stroke, let alone how to manage or treat post-stroke fatigue. The goal of this project is to use a multi-modal approach to identify what might relate to post-stroke fatigue. These factors can then be potential treatment targets."

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Houston ISD awards TWU \$500K to produce high-needs teachers

HOUSTON — Texas has a teacher shortage, and the College of Professional Education (COPE) at Texas Woman's University is diligently working to address it in innovative, accessible ways. This fall, TWU will team with Houston ISD to guide nearly 100 teaching assistants toward bachelor's degrees and Texas teaching certificates through \$500,000 in grants from Houston ISD aimed at producing educators from the district.

The grants, called Grow Your Own awards, will be paired with TWU's Zero Tuition Guarantee to cover all tuition and associated costs for 95 Houston ISD teaching assistants so they can earn their degrees and certification in high-need teaching areas such as early childhood education, elementary education, special education and bilingual education.

"These paraprofessionals can stay in their communities, for their communities, to build better communities," said COPE Dean Lisa Huffman, PhD. "We know that effective and dedicated teachers are motivated to teach in their own home districts and this grant will help us at TWU to empower HISD teachers to do that at zero cost to candidates. This is an incredible opportunity to make a real difference in the lives of students, and we couldn't be more excited to get started."

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RESEARCH SPOTLIGHT

RESEARCH ENHANCEMENT PROGRAM AWARDEES (REP)

Dr. Jincy Immanuel **Nursing - Denton**

Effects of Early Pregnancy Insulin Resistance on Gestational Diabetes Mellitus Management and Pregnancy Outcomes

Dr. Adam Jones
Human Development, Family Studies, and Counseling
Can Therapists' Facilitative Systemic Intervention Skills Predict Couple and Family Therapy Client Outcomes?

Dr. Rebecca Lucero Jones
Dr. Adam Jones
Human Development, Family Studies, and Counseling
Sexual Communication in Gender and Sexual Minority Relationships

Dr. Ngozi Mbue
Nursing - Houston
Using Biometric Sensors to Predict Pain Response in Individuals with and without Diabetes A Pilot Study

Dr. Gustavo Salazar
Chemistry & Biochemistry
Chemical Bound Microplastics: A New Threat to Plant Development?

Continued on next page

RESEARCH SPOTLIGHT

Dr. Dayna Averitt

Dr. Camelia Maier

Biology

Development of Euphorbia bicolor
Phytochemicals as Non Opioid
Analgesics for Burn Pain

Dr. Lionel Faure

Biology

Viral Proteins: A Novel Strategy for
Increasing Lipid Synthesis in
Arabidopsis to Improve Energy Rich
Biomass Production

CREATIVE ARTS & HUMANITIES GRANTS PROGRAM AWARDEES

Dr. Rima Abunasser

**Language, Culture, & Gender
Studies**

Contested Histories and Problem of
Authenticity: The Evolution of
Anglophone Arab
Literature

Dr. Charmian Wells

Dance

Archiving Black Dance Histories:
Forces of Nature Dance Theatre

In Memoriam

Richard W. Woodcock, Ed.D. 1928 – 2024



Dr. Richard W. Woodcock was one of the most prolific and influential figures in the field of applied psychological assessment. He was born on January 29, 1928 in Portland, Oregon. He was 95 years old and died at his residence in San Diego, California. Dr. Woodcock is survived by three of his four children, two grandchildren, a half-sister, and his daughter's stepfamily. He is preceded in death by one child. His mother was a homemaker and his father built and ran sawmills. After briefly serving in the Navy he worked

for his father in the sawmill and he quickly decided that maybe going to college was a more desirable career path. He obtained his bachelor's in science degree in Psychology from the Southern Oregon University (Ashland) in 1949. In an undergraduate psychology class his professor assigned the students to go to the library and write an abstract on an assessment measure. Dr. Woodcock found a 1939 book by David Wechsler on the Wechsler Bellevue Scale. After administering as many of the tests that he could without the stimulus materials to his father, Dr. Woodcock's interest in psychological assessment was established. Subsequently his professor talked him into working at the Veterans Testing Bureau.

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Funding Opportunities

- [Chancellors Research Faculty Scholars](#): Deadline March 21st
- [Research Enhancement Program](#): Deadline April 23rd
- [Creative Arts & Humanities Grant Program](#): Deadline April 23rd
- [Learn More](#)

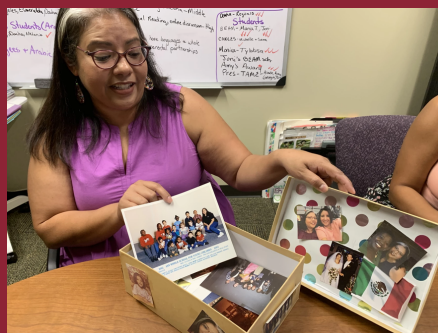
For more information about research innovation and corporate engagement opportunities contact Dr. Hansen-Thomas (nhansenthomas@twu.edu) or the appropriate colleges' Associate Dean of Research:

- Lee Brown (COB):
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- Maria Peterson-Ahmad (COPE):
mpeterson3@twu.edu
- Genevieve West (CAS):
gwest@twu.edu

Pioneer Research in the Media

Dr. Mandy Stewart

How a language program from North Texas is helping Ukrainian refugees halfway around the world



[Listen Here](#)

We've all told the occasional white lie, but what makes someone a true liar? Christian L. Hart is professor of psychology at Texas Woman's University, where he is director of the Psychological Science program and director of the Human Deception Laboratory. He joins host Krys Boyd to discuss the psychology of people who lie all the time and how we can make sure we don't become their next victim. His book, written with Drew A. Curtis, is "[Big Liars: What Psychological Science Tells Us About Lying and How You Can Avoid Being Duped.](#)"

Dr. Christian Hart

Why some people can't stop lying

Dr. Hart was interviewed on THINK.KERA

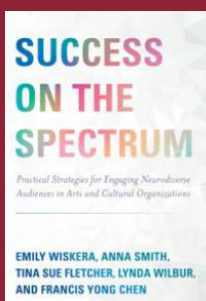
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Dr. Tina Fletcher

SUCCESS ON THE SPECTRUM

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RESEARCH SPOTLIGHT

SELECTED TWU PUBLICATIONS

Forrest, J., Darvishi, D., Jallow, A. K., & Li, Z.
Business

A Firm's Production, Cost and Profit: A Systems based Axiomatic Approach. *Journal of Business, Economics and Technology*, 26 (1), 29-46

Tyner, T. E., Freysteinson, W. M., Evans, S. C., & Woo, J.
Nursing

Can Therapists' Facilitative Systemic Intervention Skills Predict Couple and Family Therapy Client Outcomes? *Body Image*, 46, 419-433

Akhter, M. & Yang, P.
Sociology

"The Bangladeshi Diaspora in the United States: History and Portrait" *Genealogy* 7(4), 81:1-13

Peterson-Ahmad M., Pettigrew, J., & Loveless M.
Teacher Education

"Using Simulation to Support Assessment Discussion with Parents in an Educational Diagnostician Preparation Program" [The DiaLog](#)

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