

TSAHP Student Poster Competition

- 2026 First Place:** A. Kirby, A. Castelhana, E. Goodman, R. Herman, A. Jones, E. LeBlanc, B. Philips and N. Walker. Texas Tech University Health Sciences Center, *"Willed-body Safety Initiative: Monitoring Bacterial Presence in Sepsis Cases"*
- Second Place:** S. Davila, D. Madrid, F. Rivera, S. Trevino, J. deLeon, S. Flores and S. Chew. The University of Texas Rio Grande Valley, *"Minocycline-loaded Microparticles and Infectable Alginate Scaffolds Composites for the Treatment of Glioblastoma"*
- Third Place:** A. Fisher, Y. Jin and T. Reistetter. The University of Texas Health Science Center at San Antonio, *"Rural Access and Social Determinants in Occupational Therapy Services Thriving Beyond Barriers"*
- 2025 First Place:** K. Wilson. The University of Texas Rio Grande Valley, *"Breaking Barriers: Experiential Learning Opportunities for Minoritized Students"*
- Second Place:** S. Trevino, D. Madrid, S. Davila, M. Arriaga & S. Chew. The University of Texas Rio Grande Valley, *"The Development of Injectable Alginate Scaffolds with Different Sodium Alginate Concentrations for the Treatment of Glioblastoma"*
- Third Place:** C. Elliott, P. Aguirre, F. Almaguer, H. Brown, R. Garcia, Jr., M. Arriaga, C. Trevino de Leo, K. Martirosyan & S. Chew, The University of Texas Rio Grande Valley. *"An Investigation of Endothelial Cell Attachment and Proliferation on Porous Polycaprolactone Scaffolds for Bone Tissue Engineering"*
- 2024 First Place:** A. De-Anda, E. Durfee & Jessica Brashear. Texas Tech University Health Science Center, *"Human Packed Red Blood Cells as a More Accessible Blood Agar Additive for Use in Resource Limited Areas"*
- Second Place:** F. Rivera, A. Rodriguez, J. Amieya, M. Arriaga, J. Quintanilla, I. Davila, K. Martirosyan & S. Chew. The University of Texas Rio Grande Valley. *"The Fabrication of Electrosprayed Minocycline and Temozolomide-loaded PLGA Microparticles for the Treatment of Glioblastoma"*
- Third Place:** D. Madrid, S. Trevino, K. Ybanez, T. Rookstool, R. Rico, M. Arriaga & S. Chew. The University of Texas Rio Grande Valley. *"The Development of Minocycline-loaded Injectable Alginate Scaffolds for the Treatment of Glioblastoma"*
- 2023 First Place:** A. Rodriguez, J. Amieva, M. Arriaga, J. Quintanilla, J. Ledezma, S. Lopez, K. Martirosyan and S.A. Chew. The University of Texas Rio Grande Valley, *"Electrosprayed minocycline-loaded PLGA Microparticles"*

with PEG for the Treatment of Glioblastoma”

Second Place: G. Holliday, The University of Texas Health Science Center at San Antonio, *“The Relationship between Self-reported Anxiety and Cognition in Individuals with Mild Traumatic Brain Injury”*

Third Place: L. Serra, C. Elliot, S. Vidal, D.M. Enriquez, M. Arriagas, and S.a. Chew, The University of Texas Rio Grande Valley. *“An Investigation of Porous PC Scaffolds and Osteogenic and Angiogenic Inducing miRNAs for Bone Tissue Engineering”*

2022 First Place: A. Wygal, R. Kitchens & H. Cline. The University of Texas Medical Branch, *“Using a Motivation-based Approach for Diabetes Self-Management to Improve Self Efficacy within the Acute Care Setting: A Capstone Project”*

Second Place: J. Hermes, T. Flaughner & R.S. Norman. The University of Texas Health Science Center at San Antonio, *“When Urgency Means Emergency: Renal Mucormycosis”*

Third Place: Z. Ginnings & S. Weise. Angelo State University. *“Wrist-based ECG Accuracy of the Apple Watch Series 5 and Implications for Physical Therapy Use”*

2021 First Place: M. Gridda & A. Langley, Baylor College of Medicine, *“The Hemodynamic Effects of Remimazolam versus Propofol and Midazolam”*

Second Place: E. Jordan, H. Obregon, A. Levy & S. Chew, The University of Texas Rio Grande Valley, *“The Dual Delivery of Y15 and Metformin in a PLGA Scaffold for the Treatment of Platinum Resistant Ovarian Cancer”*

Third Place: H. McFarland & L. Wang. The University of Texas Rio Grande Valley, *“Preliminary Development of an App with Conjugate Strength and Conditioning for Veterans with Post Traumatic Stress Disorder (PTSD)”*

2019 First Place: J. Ademiluyi, D. Aguilar, M. Mills, & K. Bennett, Texas Tech University Health Sciences Center, *“Validation of a Pyrosequencing Assay for Severe Combined Immunodeficiency”*

Second Place: B. Murphy, C. Hicks, L. Reel & T. Gustafson, Texas Tech University Health Sciences Center, *“Auditory Processing Disorder Testing and Implications of Body Position”*

2018 First Place: May-Hui Ding, A. Gutierrez, M. Arriaga, & S. Chew, The University of Texas Rio Grande Valley, *“The Study of Osteogenic Inducing MicroRNA’s for Bone Tissue Engineering Applications”*

Second Place: M. Shah, A. Koenig, M. Rabbani, H. Tang, V. Varghese, E. Thompson, P. Hu & A. Kalia, The University of Texas MD Anderson Cancer Center, *"Evaluation of Bacterial Typing Methods for Characterization of a Hospital Outbreak Caused by Invasive Streptococcus Dysgalactiae Subsp. Equisimilis"*

2017 First Place: Maria Lourdes Carmela Cruz, Ashley Mullen, & Josh Utay, Baylor College of Medicine, *"Entrustment Trends in Orthotic and Prosthetic Residencies"*

Second Place (tie): B.E. Boe & Aimee Gardner, Baylor College of Medicine, *"Examining the Competency of Recent Graduates of an Orthotics and Prosthetics Training Program"*

Second Place (tie): Sarah Bradley, Joshua Utay, Aimee Gardner, & Ashley Mullen, Baylor College of Medicine, *"Teaching Behaviors in Clinical Preceptors: Do They Matter?"*

2016 First Place: Daharsh Rana, Zachary Kennedy, & Janet Enderle, The University of Texas Medical Branch, *"Survey of Service Learning at a Student-Run Free Clinic"*

Second Place (tie): Sarasvati Guzman, Lynne Hughes, & Karen Aranha, The University of Texas Medical Branch, *"Cognitive Mapping for Diabetes Self-Management: A Case-Study Approach"*

Second Place (tie): Brooke Macha & Jennifer Montalvo, The University of Texas Health Science Center San Antonio, *"HELP for Better Health: An Interprofessional Approach to Goal Attainment Scaling for the Developmentally Disabled"*