

# TEXAS SOCIETY FOR ADVANCEMENT OF HEALTH PROFESSIONS

*“Cutting Edge Technologies and Emerging Practices in Health Professions and Higher Education”*

Academic Learning and Teaching Center (ALTC)  
The University of Texas Health Science Center, San Antonio, Texas

**Thursday, September 19, 2024**

11:30-12:50 pm	<b>Deans’ Meeting and Luncheon</b> (By Invitation Only) (Room 2.213, ALTC)
11:30-12:50 pm	<b>Student Leadership Cohort 2024 Luncheon</b> (Room 2.215, ALTC)
12:00-4:00 pm	<b>Registration</b> (ALTC 3 <sup>rd</sup> floor)

Location	Room 3.301, UT Health – San Antonio ALTC
1:00 – 1:15 pm	<b>Welcome</b>
1:15 – 2:00 pm	<b>Keynote Address</b> Vasan Ramachandran, MD, FACC, FAHA Inaugural Dean and Professor, UT School of Public Health San Antonio
2:00 – 2:35 pm	<b>Socioecological Factors Affecting DPT Students’ Sleep: Results from a National Survey</b> <b>TSAHP Research Award</b> R. Spigarelli, R. Patel, K. Mitchell, C. DaSilva & K. Siengsukon (TWU)
2:45 – 3:20 pm	<b>A Comparative Study on Biochemical Salivary and Rate of Perceived Exertion Responses among Young Males: Virtual Reality vs Traditional Exercises</b> <b>TSAHP Research Award</b> M. Karabulut, S. Chew, T. Gomez, R. Schlatter, B. Mixumi, M. Arriaga & U. Karabulut (UTRGV)
3:20 – 3:35 pm	<b>Afternoon Break</b> Room 3.301, UT Health ALTC

Location	Room 3.301, UT Health ALTC	Room 2.213, UT Health ALTC
3:35–4:10 pm	<b>Adding Cutting Edge Technologies to Entry-Level Healthcare Education: Benefits from Health Informatics and Physical Therapy Faculty Collaborations</b> D. Gibbs, K. Gibbs & B. Hewitt (Tx State)	<b>Integrating Telehealth Training in Health Professions Education: A Multidisciplinary Approach at Texas Tech University Health Sciences Center</b> L. Winkelman (TTUHSC)
4:20-4:55 pm	<b>What Do I Teach? Developing Consensus-Based Entry-Level Health Professions Education Curriculum Guidelines</b> K. Panasci, K. Gibbs & D. Wendland (TTUHSC, Tx State, Mercer)	<b>Leveraging AI in Asynchronous Courses to Enhance Learning Experiences</b> D. Flores & M. House (TTUHSC)

Location	Room 3.301, UT Health ALTC
5:15-6:00 pm	<b>TSAHP Annual Meeting</b>

Location	Room 3.301, UT Health ALTC
6:00 pm	<b>TSAHP Annual Awards Dinner</b>

**Friday, September 20, 2024**

8:00-9:00 am	<b>Light Breakfast, Room 3.301, UT Health ALTC</b>
8:00-11:00 am	<b>Registration, 3<sup>rd</sup> Floor, UT Health ALTC</b>

<b>Location</b>	<i>Room 3.301, UT Health ALTC</i>	<i>Room 2.213, UT Health ALTC</i>
8:00-8:35 am	<b>Cultural Competence in Occupational Therapy Students during Fieldwork</b> L. Barnett, J. Behm & A. Lohmann (TWU, Messiah)	<b>Journey Prep: Tools and Tactics to Assist DPT and OTD Students Navigate Graduate School</b> M. Miller, J. Potter-Brunet, K. Panasci, M. Taylor & D. Dendy (TTUHSC)
8:45-9:20 am	<b>Who CARES? We Do – A Committee for Awareness, Research, Education &amp; Service in a School of Health Profession</b> K. Panasci, E. Spears, K. Kubala & C. Finger (TTUHSC)	<b>Implementing Virtual Reality into Clinical Education (and Beyond): A Pilot Program</b> A. Buterbaugh, L. Benninghoff, K. Preble & C. Robohm-Leavitt (TTUHSC)
9:30-9:55 am	<b>Sense of Belonging in Health Professions Students</b> S. Okere, K. Ozcelebi, K. Spalding, N. Torres & G. Waguespack (Tx State)	<b>Food Security Among Health Profession Students</b> D. Henzi, A. Nail, B. Guerin & V. Kodosky (UT Health San Antonio)
10:00-10:15 am	<b>Mid-morning Break</b> Room 3.301, UT Health ALTC	
10:15-10:40 am	<b>The Negative Impact of Auto-verification on MLS Students Regarding LIS Comprehension</b> T. Carter, K. Kubala & N. Najera (TTUHSC)	<b>Navigating Emerging Technologies: Integrating Academic Electronic Health Records (EHRs) in Health Professions Education</b> T. Forman & J. Luna (UTRGV)
10:50-11:15 am	<b>The Relationship between Pre-licensure Nursing Education and Reflective Practice Using Debriefing Sessions</b> L. Burns & A. Ramirez (TWU)	<b>An Interdisciplinary Approach to Teaching Writing in the Biomedical Sciences</b> S. Chew, R. Monty & S. Nair (UTRGV)
11:25-11:45 am	<b>SIM-based Activities for Developing Clinical Competence Among Graduate Students in a Health Care Program</b> T. Ochoa, R. Garcia & J. Luna (UTRGV)	<b>Transforming Behavioral Health Service Delivery with Technology</b> D. Schroeder & Z. Sneed (TTUHSC)

<b>Location</b>	<i>3<sup>rd</sup> Floor, UT Health ALTC</i>
11:30-11:45 am	<b>Pick up Box Lunches</b>

<b>Location</b>	<i>Room 3.301, UT Health ALTC</i>
11:45-12:00 pm	<b>TSAHP Closing Session and Adjournment</b>

## **POSTER PRESENTATIONS**

### **Faculty Poster Presentations**

- 1.** Comparative Analysis of Online and Traditional Anatomy Instruction in a Physician Assistant Program: A Quasi-Experimental Study  
S. Skaggs, T. Yuen, V. Marone, A. Sakaguchi & C. Fies (UT Health San Antonio)
- 2.** Developing Longitudinal Rotations: Enhancing Clinical Education in Rural Settings  
E. Villegas, L. Benninghoff, D. LaVallee & K. Preble (TTUHSC)
- 3.** Developing Professionalism: Is It Working?  
C. Gibbs, J. Knight, K. Huse, E. Hendrix & W. Redman (TTUHSC)
- 4.** Diagnosing the Future: AI-Driven Clinical Scenarios in PA Education  
C. Gonzales, L. Kuhn & G. Vera (UTRGV)
- 5.** Do Graduate Record Examination Scores Predict Completion of a Doctor of Physical Therapy Program  
K. Goei & E Alaniz (UIWTX)
- 6.** Does Food Insecurity Change During the Course of Health Professions Students' Education  
S. Okere, L. Rasoul Ian, T. Bryant, C. Casillas, M. Cook & A. Starr (Tx State)
- 7.** The Effects of Blood Flow Restriction on Lower Extremity EMG Amplitude while Performing a Resisted Sled Push in Healthy Subjects  
L. Garcia, M. Rosario, W. Brewer, M. Skevington, L. Smith & H. Waters (TWU)
- 8.** The Effect of Executive Cognitive Distraction on Sustaining a Volitional Preemptive Abdominal Contraction During a Unipodal Functional Movement in Healthy Subjects  
L. Garcia, P. Sizer, A. Drusch, T. Hooper, M. Kublawi, J. Brismée, E. Sargent & M. Wilhelm (TWU)
- 9.** Evaluating Student Perceptions of Non-Traditional Online Anatomy Instruction in Physician Assistant Education  
S. Skaggs, T. Yuen, V. Marone, A. Sakaguchi & C. Fies (UT Health San Antonio)
- 10.** Exploring Comorbidity between Alzheimer's Disease and Type 2 Diabetes Mellitus in the Latino Population: A Focus on Familism, Lifestyle Factors and Genetics  
C. Xu, D. Ollervides-Charles, E. Guajardo, L. Aguillon, D. Gamez, J. Saveron, G. Maestre, W. Wang & S. Nair (UTRGV)
- 11.** Need for Interdiscipline Approach to Sports-related Concussion Risk Management: Gender-specific Use at Mouth Guards  
C. Gobert, F. Guitron, K. Henderson, G. Ueckert, M. Strickland & L. Rasouljian (Tx State)
- 12.** Synthetic Data and Its Application in Health Professions Research  
A. Chandrasekaran (TTUHSC)
- 13.** Transition to Responsible Center Management  
C. Kruse (Tx State)

## Student Poster Competition

- 1.** Assessment of Bilateral Musculoskeletal Imbalances and Injuries in Musicians  
M. Agwuncha, J. Bun & M. Spillane (SHSU)
- 2.** Cadaver Blood Culture: Before and After Embalming  
R. Conner, R. Johnson, K. Gilbert & J. Brashear (TTUHSC)
- 3.** The Correlation between Burnout and Academic Life Satisfaction in Healthcare Students: A Burnout Survey  
K. Vale, E. Tanner, S. Bond & A. Allegretti (UT Health San Antonio)
- 4.** Correlation Between Spontaneous Swallowing Frequency and Reported Swallowing Dysfunction in Adults with Parkinson's Disease  
O. Hinojosa & G. Carnaby (UT Health San Antonio)
- 5.** Development of Liposomes using Microfluids for Delivery of miR-205  
V. Herrera, R. Tiwari, M. Kolli, N. Chauhan, G. Kumar, S. Chauhan & M. Yallapu (UTRGV)
- 6.** Development of a Novel and Fast Bacteria Susceptibility Test based on MALDI-TOF Technology  
R. Carroll-Linden, P. Manacup, J. McQuade, X. Cheng & J. Brashear (TTUHSC)
- 7.** The Development of Minocycline-loaded Injectable Alginate Scaffolds for the Treatment of Glioblastoma  
D. Madrid, S. Trevino, K. Ybáñez, T. Rookstool, R. Rico, M. Arriaga & S. Chew (UTRGV)
- 8.** Effects of Prenatal Stress on Pregnancy and Toddler Development  
J. Hubbard, L. Fontenot, K. Pena, M. Hernandez & H. Barton-Weston (UIWTX)
- 9.** Emotion Perception and Gender Identity  
A. Hernandez & M. Resendez (Tx State)
- 10.** Exploring the Correlation between Nutrition and Burnout  
O. Kent, L. Aguilar, H. Daugherty & A. Allegretti (UT Health San Antonio)
- 11.** Exploring the Impacts of Global Pandemic COVID-19 on the Transition to Occupational Therapy Graduate Programs  
R. Martinez, B. Piernik-Yoder & M. Lin (UT Health San Antonio)
- 12.** The Fabrication of Electrosprayed Minocycline and Temozolomide-loaded PLGA Microparticles for the Treatment of Glioblastoma  
F. Rivera, A. Rodriguez, J. Amieya, M. Arriaga, J. Quintanilla, I. Davila, K. Martirosyan & S. Chew (UTRGV)
- 13.** Human Packed Red Blood Cells as a More Accessible Blood Agar Additive for Use in Resource Limited Areas  
A. De-Anda, E. Durfee & Jessica Brashear (TTUHSC)
- 14.** The Impact of AI and Telemedicine on Patient Diagnoses and Quality of Care in Rural Communities: A Systematic Literature Review  
K. Perez, D. Wisniewski, A. Arzu, K. Lee, C. Lieneck & Z. Ramamonjjarivelo (Tx State)

- 15.** Investigating the Relationship Between High Cholesterol and Alzheimer's Disease Among Latinos: A Focus on Familism, Lifestyle Influences and Genetic Factors  
E. Guajardo, D. Ollervides-Charles, L. Aguillon, C. Xu & K. Wang (UTRGV)
- 16.** Learning how to LAUNCH: Empowering Families to Support their Children's Health and Learning  
A. Rodriguez, D. Perez, D. Robledo, A. Ybarra, A. Kennedy, C. Taliancich-Klinger & M. Parish (UT Health San Antonio)
- 17.** Mind in Motion: Physical Activity and Burnout  
A. Cooper, T. Bass, A. Ericksen, M. Pauler, M. McGuire, A. Ramirez & A. Allegretti (UT Health San Antonio)
- 18.** Opioid Overdose among Undergraduate College Students based on Geographical Distance from the Texas/Mexico Border  
J. Gonzalez, B. Gonzalez, A. Salazar, A. Lozano, H. Barton-Weston & E. Lopez-Rodriguez (UIWTX)
- 19.** Practice Patterns in Pediatric Evaluation by Speech Language Pathologists  
E. Almazan, K. Crane & G. Carnaby (UT Health San Antonio)
- 20.** Primary Progressive Aphasia: A Case Study Examining the Impact of an Intensive Therapy Program on Quality of Life  
K. Mascorro (UT Health San Antonio)
- 21.** The Psychological Perceived Impact on US College Students Who were Raised with an Undocumented Parent  
S. Vazquez (UTRGV)
- 22.** Systemic Review of Deep Learning Technology and Ultra High Field MRI 7-Tesla Applications  
A. Mejia & L. Vasquez (UT Health San Antonio)
- 23.** Using Virtual Reality to Teach Medical Skills  
K. Adegoke (UTRGV)
- 24.** Virtual Reality Exercising vs Traditional Exercise Training: A Comparative Study of Physiological and Rate of Perceived Exertion Responses among Young Males  
T. Gomez, R. Schlatter, B. Mixumi & M. Karabulut (UTRGV)

Faculty and student poster presentations may be viewed at the following link during the conference:

[TSAHP 46th Annual Conference](#)

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SHSU – Sam Houston State University, Huntsville, Texas

TTUHSC – Texas Tech University Health Sciences Center, Lubbock, Amarillo & Midland, Texas

TxState – Texas State University, San Marcos & Round Rock, Texas

TWU – Texas Woman's University, Houston, Denton & Dallas, Texas

UIWTX – The University of Incarnate Word, San Antonio, Texas

UT Health San Antonio – UT Health Science Center – San Antonio, Texas

UTRGV – University of Texas Rio Grande Valley – Brownsville & Edinburg, Texas

## General Information

**Location:** The conference will be held at The University of Texas Health Science Center San Antonio in the Academic Learning and Teaching Center.

Map Weblink:

[UT Health Campus Map TSAHP Conference 2024](#)

**Registration:** Registration includes admission to events, meals, and sessions. Check-in will be located on the 3<sup>rd</sup> floor of the Academic Learning and Teaching Center near Room 3.301.

- All participants, presenters and attendees must pay the conference registration fee.
- Presenters will register and pay a \$85 conference registration fee.
- If attendees wish to bring a guest to the reception and dinner, cost is noted below.
- Students are welcome to attend at no cost but must submit a registration form for planning purposes.
- Conference fee is non-refundable.

<u>Registration Fee</u>	<u>Before 9/15</u>	<u>After 9/15</u>
Member	\$ 85	\$105
Platform & Poster Presenters	\$ 85	\$105
Non-Member	\$ 120	\$140
Guest—Dinner	\$ 30	\$ 30

**Meals.** A light snack will be provided on Thursday afternoon. On Thursday evening, dinner will be served at the awards dinner. A light breakfast and box lunches will be available on Friday. All meal and break events must have a RSVP reply at the time of registration. No extra meals will be available.

**What to Wear:** Business casual attire is appropriate for conference sessions and the awards dinner.

**Special Accommodations and/or Dietary Needs:** If you require special accommodations or have special dietary needs, please contact Shirley McGraw, (409) 772-9565.

**Lodging:** TSAHP does not have a host hotel for the conference; however, listed below are nearby hotels with reasonable rates. These are also listed on the TSAHP website.

Westin San Antonio North, 9821 Colonnade Blvd, San Antonio, TX 78230, 210-699-5843

San Antonio Marriott NW Medical Center, 3233 Northwest Loop 410, San Antonio, TX 78213, 210-308-2817

La Quinta Inn & Suites NW Medical Center, 4431 Horizon Hill Blvd, San Antonio, TX 78229, 210-324-6804

Holiday Inn Express & Suites Medical Center, 11010 Interstate Highway 10 West, San Antonio, TX 78230, 210-705-0117

**Parking:** Parking is available in the area.

**Conference Information and Registration Form:** You can access an online information about the conference and obtain a registration form [here](#).

**Abstracts:** Abstracts from this meeting's poster and platform presentations are found in these conference proceedings and may be viewed on the TSAHP website, [www.tsahp.org](http://www.tsahp.org), after the conference.

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