

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

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

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

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

Location	Room 3.301, UT Health ALTC
6:00 pm	TSAHP Annual Awards Dinner

Friday, September 20, 2024

8:00-9:00 am	Light Breakfast, Room 3.301, UT Health ALTC
8:00-11:00 am	Registration, 3rd Floor, UT Health ALTC

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

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

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

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 Unipedal 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](#)

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, 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 3rd 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, after the conference.

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