



TTUHSC

AMARILLO RESEARCH DAY

April 11, 2025

Keynote Speaker

Brian Weis, M.D., Ph.D.

TTUHSC Regional Dean, School of Medicine

Texas Tech University Health Sciences Center

Leadership

Lori Rice-Spearman, PhD, President

Lance McMahon, PhD, Senior VP, Research & Innovation

Brian Weis, MD, PhD, Regional Dean, School of Medicine

Joan Brunet, EdD, Regional Dean, School of Health Professions

Krystal Haase, PharmD, Regional Dean, Jerry H. Hodge School of Pharmacy

Valerie Kiper, DNP, Regional Dean, School of Nursing

AGENDA

8:00am — 8:50am	Check-in, Poster Pickup, Breakfast
9:00am — 10:15am	Poster Showcase—Session A (Room 114)
10:15am — 10:30am	Break
10:30am — 11:30am	Oral Presentations (Rooms 100 & 107)
11:30am — 11:50am	Pick-up Lunch and Eat in Auditorium
11:50am — 12:00pm	Keynote Speaker Introduction (Auditorium)
12:00pm — 1:00pm	Keynote Speaker (Auditorium)
1:00pm — 2:00pm	Round Table with Dr. Brian Weis (Auditorium)
2:00pm — 3:00pm	Poster Showcase—Session B (Room 114)
3:15pm — 4:00pm	Awards Ceremony (Auditorium)

ORAL PRESENTATIONS

10:30am—11:30am SOP 100

10:35 **Nguyen, Chau, SHP**—Predictors of Intubation and In-Hospital Mortality in E-Cigarette or Vaping Product Use-Associated Lung Injury (EVALI): A 3 –Year Nationwide Analysis

10:45 **Oladeji, Oluwatobi, SOM**—Maternal Health Disparities in the Texas Panhandle: Key Informant Perspectives on Preeclampsia Prevention and Low-Dose Aspirin Education

10:55 **Nozohouri, Ehsan, SOP**—Blood-Brain Barrier Integrity in the Tg2576 Alzheimer’s Disease Mouse Model: Implications for Drug Delivery

11:05 **Adi, Obaidah, SOM**—A Rare Case of Streptococcus Gordonii Infective Endocarditis with Aortic Valve Abscess

11:15 **Akter, Ky Ayesha, SOP**—Evaluating the Preventive Effect of Metformin against BBB Damage and Neuronal Mitochondrial Dysfunction Caused by Tobacco Smoke and Electronic Cigarette Exposure in Stroke Condition

11:25 **Pendse, Rohan, SOM**—Pulmonary Embolectomy in a Patient with Anomalous Venous Drainage



ORAL PRESENTATIONS

10:30am—11:30am SOP 107

10:35 **Lara, Andrea, SOM**—Delayed Prenatal Care in the Texas Panhandle: Insights and Barriers Identified by Maternal Health Stakeholders

10:45 **Tareq, Syed, SOP**—Discovery of Pan-EphB Tyrosine Kinase Inhibitors to Reverse Metabolic Syndrome in Obese Mice

10:55 **Ngo, Thien, SOM**—Metastatic Squamous Cell Carcinoma Presenting as Isolated Spinal Pain: A Delayed Diagnosis with Devastating Consequences

11:05 **Mara, David, SOP**—Prolonged Zero-Nicotine E-Cigarette Exposures Disrupts Blood-Brain Barrier Functional Integrity and Neuronal Metabolism In-Vitro

11:15 **Sauers, Delaney, SOM**—Unique Presentation of Perforated Gallbladder and Gangrene in an Advanced Pregnancy: Management and Other Considerations

POSTER SHOWCASE

Session A 9:00am—10:15am Room SOP 114

Ahmed, Tayo, SOM

Al-Ahmad, Abraham, SOP

Baker, Lauren, SOM

Balkundi, Rushil, SOM

Batson, Chandler, SOP

Bhat, Anoushka, SOP

Campbell, Caroline, SOM

Crump, Cade, SOM

Ellen, Christopher, SOM

Faour, Kawthar, SOM (2)

Finney, Caroline, SOM

Gaut, Thane, SOP

Iskander, Amany, SOP

Jadhav, Sejal Rajesh, SOP

Jaywant, Vaibhavi, SOM (2)

Khiani, Astha, SOM

Khodavirdilou, Rasa

Nguyen, Kevin, SOM

Ostorga, Maria, SOM

Payne, Joshua, SOM

Pendse, Rohan, SOM

Presson, Caroline, SOM

Querales, Karla, SHP

Rahimian, Mohammad

Sangeeta, Dhammu, SOM (2)

Shekhawat, Bhamini, SOM (2)

Smith, Kirstie, SOM

Tayag, Caitlin, SOM

Una, Sharon, SOM

Willis, Aaron, SOM

Yaqub, Sayma, SOM (2)

Zhu, Richard, SOM



POSTER SHOWCASE

Session B 2pm—3pm Room SOP 114

Adi, Obaidah, SOM

Burnam, Lindy, SOP

Clark, Junior, SOM

Ennin, Joel, SOM (2)

Firouzbakht, Seena, SOM

Frimpong-Manson, Kofi, SOP

Hansda, Surajit, SOP

Howlader, Md Sariful Islam, SOP

Iqbal, Samra, SOM (2)

Khodavirdilou, Lida, SOP

Kragh, Nathan, SOM

Mirembe, Letisha, SOM (2)

Morton, Krystal, SOM (2)

Naidu, Prathyusha, SOP

Nguyen, Chau, SHP (2)

Okimi, Abiodun, SOM

Paul, Edwin, SOM

Puro, Durga, SOP

Ravichandran, Vidhya, SOM

Sakib, Mahfuz, SOP

Shekhawat, Bhamini, SOM (2)

Simiyu, Geuel, SOM

Swarna, Subash, SOM

Yamada, Emily, SOP

Yaqub, Sayma, SOM (2)

**Thank you for your time, support,
and dedication for the
Amarillo Research Day**

Committee Members

Christine Garner, PhD, SOM
Shyanne Hefley, PhD, SOM
Tetyana Vasylyeva, MD, SOM
Heather Grubb, SOP

Liz Matos, PhD, SON
Robert Kauffman, MD, SOM
Audrey DeLeon, TTUHSC Research
Karen Thompson, SOM

Judges and Reviewers

Olu Adesanya, MD, SOM
Michael Blanton, PhD, SOP
Rakesh Donthula, MD, SOM
Christine Garner, PhD, SOM
Shyanne Hefley, PhD, SOM
Robert Kauffman, MD, SOM

Eric MacLaughlin, PharmD, SOP
Izi Obokhare, MD, SOM
Manish Patel, MD, SOM
Stephanie Stroeve, PhD, SOM
Muhammad Subhani, MD, SOM

All participants and volunteers.

