



# Research Newsletter

October 15, 2018



Accepted Abstracts for  
the Laura W. Bush  
Institute for Women's  
Health Symposium



Bhargavi Kola, MD



Megan Clapp (MS-IV)



Devi Suravajjala, MD, PGY-II

**Gender differences in breast feeding education: A retrospective study in West Texas**



Suheung Lee, MD

**HANDHELD RAMAN SPECTROSCOPY DEVICE AS POINT OF CARE DIAGNOSTIC TOOL.**



Kushal Gandhi, PhD

**MATERNAL NUTRIENT RESTRICTION DOES NOT INFLUENCE FETAL CEREBRAL ENDOCANNABINOID AEA (ANANDAMIDE) PATHWAY**



## Dean's Grand Rounds

### The Rise of the Parallel Medical Curriculum and How to Leverage It

Presented by:

**Tao Le, MD**

Section Chief of Allergy & Immunology,  
University of Louisville, Department of Medicine  
Founder & Chief Education Officer of ScholarRx

**October 29, 2018**

**12:00pm – 1:00pm**

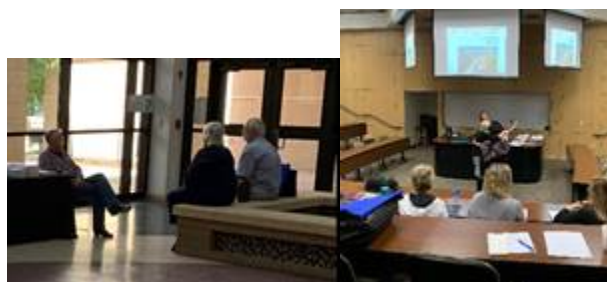
Lubbock – ACB 100      Amarillo – 4713  
Covenant – 22ND      Midland – 210B      Odessa – 3168

**\*\*Odessa/Midland – Lunch will be provided\*\***



The Department of Cardiology Fellowship (Lubbock, TTUHSC, Director – Dr. Shurmur) is collaborating with Permian Basin Campus. On the photo: Dr. Menfil Orellana-Barrios (Cardiology Fellow, third year) and Dr. James Maher (Professor, Ob/gyn, MFM specialist).





Arlene Gale and Brance Davis

Brance Davis, Senior Research Editor at TTUHSC-Permian Basin, represented the research department at the 4<sup>th</sup> Annual Permian Basin Writers' Workshop held in Midland, TX on the 13<sup>th</sup> and 14<sup>th</sup> of October. Among the speakers were New York Times Bestsellers and world renowned writing coaches.



**Left to right:** Steven Lee, Natalia Schlabritz-Lutsevich, Courtney Smith (7<sup>th</sup>/8<sup>th</sup> Grade science teacher, Nimitz JH), Kushal Gandhi, Aneesh Batobra (MS III).

The research department is helping ECISD on an exciting project for the National Center for Earth and Space Science Education (NCESE). Through the Student Spaceflight Experiments Program, the research department has been able to connect with a group of bright young scientists through space-centered research.

## Research Collaboration with TTUHSC Amarillo continues

Dr. Chase Patterson and Dr. Lee Suheung

A Raman Spectrometer (Mira M-1) was used to detect any unique Raman spectroscopic fingerprint regions associated with THC (tetrahydrocannabinol), in breast milk. The total number of samples was roughly 50.”



## CLINICAL RESEARCH INSTITUTE

**Monthly Research Workshop—October 17,  
2018**

Location: **Odessa 2C41**

Agenda: Discuss and and develop student research ideas & “Predatory Publishers: Are they still around?”





Letters of Intent now accepted for the  
American Federation for Aging Research's  
**2019 Grant Programs!**



[Glenn Foundation for Medical Research and AFAR Research Grants for Junior Faculty](#)

[Glenn Foundation for Medical Research Breakthroughs in Gerontology Awards](#)

[Arthritis and Aging Research Grant](#)

[Glenn Foundation for Medical Research Postdoctoral Fellowship in Aging Research](#)

[The Irene Diamond Fund/AFAR Postdoctoral Transition Awards in Aging](#)



The 2019 ACOG Annual Clinical and Scientific Meeting will be in Nashville, TN from May 3–6, 2019. We invite you to submit an abstract for an oral or ePoster presentation. If your abstract is accepted, you'll have the opportunity for:

- Awards: A limited number of meritorious abstracts will be accepted for awards and eligible for cash prizes
- Collaboration and Networking: Explore opportunities to collaborate and network with new and old colleagues
- Publication: All accepted oral and electronic poster (ePoster) abstracts will be published in the May digital supplement of *Obstetrics & Gynecology*. In addition, they will be available for viewing in the ACOG mobile meeting app

For more information and to submit an abstract, refer to the [call for abstract submission site](#).

The Medical Technology Enterprise Consortium (MTEC) is excited to post this announcement for a Request for Project Proposals (RPP) entitled, "Volumetric muscle loss (VML) repair following extremity trauma." The goal of this research is to develop an off-the-shelf biologic prototype capable of preventing, mitigating or treating traumatic large-volume muscle loss (VML) injuries of the extremities. While such injuries are devastating, irreversible, and uniformly associated with long term disability, recent advances in regenerative medicine have made new approaches possible. The Government seeks to assess the potential for repurposing products already commercially available or in clinical development for related indications, such as critical limb ischemia, iatrogenic muscle injuries, Duchene's muscular dystrophy, compartment



syndrome, and severe sports medicine injuries. Products capable of regenerating or repairing multiple tissue types or creating a therapeutic wound environment will also be considered.

#### **MTEC:**

The MTEC mission is to assist the U.S. Army Medical Research and Materiel Command (USAMRMC) by providing cutting-edge technologies and supporting life cycle management to transition medical solutions to industry that protect, treat, and optimize Warfighters' health and performance across the full spectrum of military operations. MTEC is a biomedical technology consortium collaborating with multiple government agencies under a 10-year renewable Other Transaction Agreement (OTA), Agreement No. W81XWH-15-9-0001, with the U.S. Army Medical Research Acquisition Activity (USAMRAA). MTEC is currently recruiting a broad and diverse membership that includes representatives from large businesses, small businesses, "non-traditional" government contractors, academic research institutions and not-for-profit organizations.



In 2018, more than 266,000 women, or 1 in 8 women, will be diagnosed with breast cancer in the United States. According to the American Cancer Society, over 40,000 women will die from breast cancer this year. It is the second leading cause of cancer death in American women. Breast cancer is the most common cancer in women in the US and worldwide, regardless of race or ethnicity.

Every October, organizations around the world unite to raise awareness for breast cancer. Many government and non-profit organizations, such as NIEHS, CDC, and Susan G. Komen, have devoted resources and funding to support research studies and encourage screening for early detection. For example, the American Cancer Society has provided \$61 million of funding for breast cancer as of August 2018.

In support of breast cancer research, Boster Bio offers a range of [products related to breast cancer](#). Click below to find out more about breast cancer, the international campaign, research funding, and Boster tools for your research.





Cathy Lovett (CRI) November Visit Dates



Clinical Research Institute Managing Director, Cathy Lovett  
Will be at the Permian Basin campus on **November 6th and 7th, 2018**

Contact Isabel Garza to set up an appointment

	<a href="mailto:isabel.garza@ttuhsc.edu">isabel.garza@ttuhsc.edu</a>
	<p>The 2019 Permian Basin Research Forum will be held on Thursday, May 2, 2019.</p> <p>We look forward to your ideas and seeing you there and thank you for supporting research at the Permian Basin campus</p>
	<p>For questions or to submit an item for the research newsletter contact:</p> <p>Dr. Natalia Schlabritz-Lutsevich, Associate Regional Dean of Research at  <a href="mailto:natalia.schlabritz-lutsevich@ttuhsc.edu">natalia.schlabritz-lutsevich@ttuhsc.edu</a> or Isabel Garza at  <a href="mailto:isabel.garza@ttuhsc.edu">isabel.garza@ttuhsc.edu</a> or Brance Davis at  <a href="mailto:brance.davis@ttuhsc.edu">brance.davis@ttuhsc.edu</a></p>