
THE TECH TIMES

A Publication of the Texas Tech University HSC—School of Pharmacy Residency Programs



**TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER™**
School of Pharmacy

The Tech Times is published bi-annually for graduates of Texas Tech University Health Sciences Center School of Pharmacy Residency Programs.

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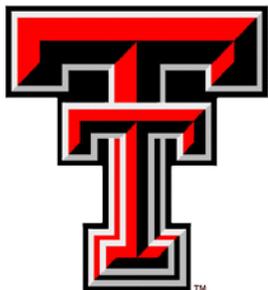
Amarillo/Lubbock

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Texas Tech HSC—SOP Residency Program:

<http://www.ttuhschool.edu/sop/residencies/>



Texas Tech University HSC—SOP Residency Program

The Graduate Pharmacy Education (Residency) Program at TTUHSC – SOP was established in 1997 and promotes excellence in patient care by providing education, development and advanced training to practitioners, educators and scholars. Residents support the SOP mission by expanding faculty practice and scholarship activities. As Assistant Instructors, residents are also actively integrated into the education of Pharm.D. students, serving as clerkship preceptors and small-group facilitators. The Residency Program, under the direction of Dr. Steven Pass, offers diverse training opportunities through 15 unique Pharmacy Practice and Specialty Resident programs located in Abilene, Amarillo, Dallas-Fort Worth and Lubbock. Presently, 27 residents are enrolled in the program. Since its formation, more than 200 residents have successfully completed residency training. This year, the Clinician-Educator Teaching Certificate program has been further revised. Faculty members presented topics related to teaching to residents at the beginning of residency on a weekly basis and will present later in the year to complete the program. Every resident interested in a teaching certificate will present an optional lecture to an audience of residents and pharmacists, who will then evaluate the resident's performance during the lecture and give constructive feedback on improvement areas.

Research Projects

PGY2 Projects:

Saagar Akundi (Pharmacotherapy, ABI): Does Vitamin C prevent Acute Kidney Injury in patients receiving vancomycin?

Les Covington (Pharmacotherapy, AMA): Impact of physician-pharmacy collaboration on vaccination compliance

Jaela Dahl (Critical Care, DFW): Impact of ranolazine in reducing arrhythmias in ischemic patients

Katie Dillinger (Pediatrics, AMA): Oral syringes in the home setting: a potential source of re-inoculation?

Megan Flinchum (Psychiatry, DFW): Identifying factors associated with controlled versus non-controlled Post-traumatic Stress Disorder in Vietnam War Veterans: a retrospective cohort study

Minh Hong (Pharmacotherapy, LUB): The use of acid suppressive therapy for stress ulcer prophylaxis in non-critically ill patients

Becky Mahan (Geriatrics, DFW): Cholinesterase inhibitor use in dementia patients with COPD- is there an increased risk of exacerbation?

Christyn Mullen (Ambulatory Care, DFW): Assessing rates of smoking cessation within a multimodal group intervention in a Veterans' Affairs Medical Center

Meena Ramanathan (Infectious Disease, DFW): Evaluation of procalcitonin use for bacterial infections at a VA Medical Center

Brian Terrell (Ambulatory Care, DFW): U-500 Regular Insulin and lipid parameters: Is there an Effect?

Ruben Villaneuva (Critical Care, DFW): Evaluation of vasopressor therapy in post-cardiac arrest care

Aaron York (Pharmacotherapy, AMA): Evaluation of the impact of minimum inhibitory concentration on antimicrobial therapy optimization

PGY1 projects:

Jessica Bradley (Pharmacy Practice, DFW)- Provider decisions and patient outcomes following premature metformin discontinuation

Sherry Chiu (Pharmacy Practice, DFW)- Evaluation of vancomycin dosing at a community teaching hospital (stratified by BMI)- a retrospective review

Courtney Givens (Pharmacy Practice, DFW)- The cognitive effects of converting Alzheimer's Disease patients from galantamine to donepezil and a sub-analysis of the effects of therapy interruptions

Belinda Hong (Pharmacy Practice, DFW): Assessing rates of venous thromboembolism in hospitalized patients with Chronic Hepatitis C and impaired liver function

Corrie Lowe (Pharmacotherapy, AMA): Impact of targeted discharge counseling for heart failure patients to reduce 30-day readmission rates

Rene Mani (Pharmacy Practice, ABI): Linezolid for the Treatment of MRSA Pneumonia: Evaluating the Impact of Obesity on Clinical Outcomes

Juan Oliva (Pharmacy Practice, DFW): Therapeutic outcomes of the treatment of hyperlipidemia in Chronic HCV patients treated with interferon and ribavirin based therapy

Natasha Patel (Pharmacy Practice, ABI): Influence of inpatient diabetes education on patient understanding of diabetes and satisfaction with education

Pearl Rajan (Pharmacy Practice, DFW): Impact of an analgesia-based sedation protocol in mechanically-ventilated patients in the medical intensive care unit

Shawn Turner (Pharmacy Practice, DFW): Effectiveness of abiraterone and ketoconazole in patients status post docetaxel with hormone-resistant metastatic prostate cancer in the veteran population

Neha Vora (Community Practice, AMA)- Implementation of a smoking cessation program for hospitalized patients with the use of technology

Barakha Yadav (Pharmacy Practice, LUB)- The impact of pharmacy services on blood pressure control exploring a new model in indigent care

Shirley Yu (Pharmacotherapy, AMA)- Effects of recreational drug abuse on sedation requirements and outcomes in medical intensive care unit patients

Leslie Monye (Pharmacotherapy, LUB): A comparison of empiric gram negative coverage in a SICU that utilizes a scheduled antibiotic rotation

Alcalde

Many of the residents attended the 2014 Alcalde conference in Houston, TX in April to present their research. The group then gathered for a dinner at the Cheesecake Factory.



Research Days

The 2013-2014 residency class gathered in Amarillo, TX on June 5 and 6th for the Texas Tech Research Days. All residents presented their research to members of the faculty and students.



Congratulations to Jessica Bradley, Christyn Mullen and Brian Terrell who won awards for outstanding posters!

Resident News

Presentations

Rajan P, Faust A, Sheperd L, Doebele R. Impact of an Analgesia-based Sedation Protocol on Mechanically Ventilated Patients in the Medical Intensive Care Unit. TTUHSC School of Pharmacy Research Days. Amarillo, TX. June 2014.

Ramanathan MR. TAPing to the beat of PrEP: treatment as prevention (TAP) vs. pre-exposure prophylaxis (PrEP) for the prevention of the human immunodeficiency virus (HIV). DFW ACCP 2014 Resident Competition. Dallas, TX. May 2014.

Flinchum ML. Another drug shortage: a longer line on death row? DFW ACCP 2014 Resident Competition. Dallas, TX. May 2014.

Givens CJ. Vitamin D Replacement. VA North Texas Health Care System 2nd Annual Nephrology Nurses' Seminar. Dallas, TX. November 2013.

Hong BC. Vitamin D supplementation in chronic kidney disease. First Annual Nephrology Nurses Seminar. Dallas, TX. November 2013.

Givens CJ. Guidelines for Medication Disposal. Sam Rayburn Memorial Veterans Center. Bonham, TX. October 2013.

Posters

Ramanathan MR, Cutrell JB, Bedimo R, Pass SE, Duquaine SM. Evaluation of procalcitonin use for bacterial infections at a VA medical center. Poster Presentation. MAD-ID Annual Meeting, Orlando, FL. May 2014.

Ramanathan MR, Cutrell JB, Bedimo R, Pass SE, Duquaine SM. Evaluation of procalcitonin use for bacterial infections at a VA medical center. Poster Presentation. VA National Research Week, Dallas, TX. May 2014

Flinchum ML, Mathys ML, Nelson JL. Identifying Factors Associated with Controlled Versus Non-controlled Post-traumatic Stress Disorder in Vietnam War Veterans: A Retrospective Cohort Study. Texas Society of Health-System Pharmacists Annual Seminar, Houston, TX. April 2014.

Flinchum ML, Mathys ML, Nelson JL. Identifying Factors Associated with Controlled Versus Non-controlled Post-traumatic Stress Disorder in Vietnam War Veterans: A Retrospective Cohort Study. Poster Presentation. College of Psychiatric and Neurologic Pharmacists. Phoenix, AZ. April 2014.

Flinchum ML, Nelson JL. Evaluation of Appropriate Prescribing of Zolpidem in the Outpatient Setting: A Medication Use Evaluation. University HealthSystem Consortium Annual Conference. Orlando, FL. December 2013.

Baby News

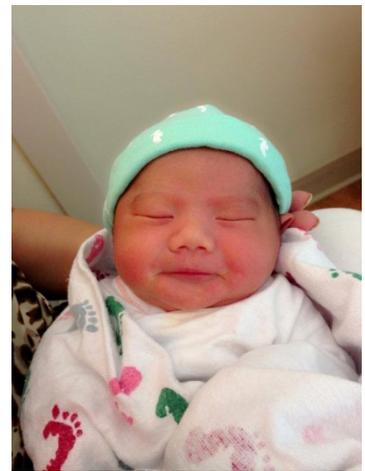
Minh Hong and his wife welcomed a baby girl, Zoey, on June 6th.

Engagements/Weddings

Corrie Lowe will be getting married at the end of June in Auburn, Alabama

Katie Dillinger will be getting married in October 2014 in North Carolina

Christyn Mullen got engaged in May 2014 and is planning a 2015 wedding



Congratulations to the entire residency class of 2014!

Be on the lookout for another newsletter in the late summer introducing the new residents with a special section on where the class of 2014 will be working after graduation