



# Texas Tech University Health Sciences Center, School of Pharmacy

*Two Year Specialty Residency  
Programs in*

# Pharmacotherapy Practice



# Introduction

*The Pharmacotherapy Specialty Residency is designed to produce practitioners who exhibit excellence in pharmaceutical care regardless of practice setting.*

A pharmacotherapy specialist should possess a mastery of clinical skills needed to practice in a variety of patient care settings and a solid knowledge base in pharmacotherapy. The residency provides the environment necessary to achieve the knowledge and skills needed to care for patients with a wide range of disease states.

The program will prepare the resident for the board certification examination in pharmacotherapy and will foster the development of an independent, versatile practitioner. The program is also designed to produce well-rounded professionals through experiences in teaching, research, and professional activities.

## General Description

Texas Tech University Health Sciences Center School of Pharmacy offers the Pharmacotherapy Specialty Residency Training Program at the following teaching sites, Abilene, Amarillo, and Lubbock, Texas. The sites are uniform in application of the Pharmacotherapy Residency training standards and each provides a unique environment for maturation of the residency candidate.

The 24-month program is designed to lead the resident through a variety of integrated practice experiences. By the end of the program, the resident should feel equally competent practicing within acute care, chronic care, and ambulatory care settings. The residency will include core rotations that are chosen to establish a strong base in general medicine and to meet the requirements of a Pharmacy Practice Residency. The resident chooses elective experiences based upon his/her career goals. The Pharmacotherapy residency provides flexibility for candidates to mold the residency training process as their career interests develop.

Although the residency is designed around blocked rotational and longitudinal experiences, the focus of the training will be to master each of the disease states established within the ASHP/ACCP Practice Standards for a Residency in Pharmacotherapy Practice.



## Quick Reference

<i>Program Goals/Experiences</i>	<i>3</i>
<i>Teaching Activities</i>	<i>4</i>
<i>Residency Requirements</i>	<i>5</i>
<i>Abilene Campus</i>	<i>6-7</i>
<i>Amarillo Campus</i>	<i>8-9</i>
<i>Lubbock Campus</i>	<i>10-11</i>
<i>Current Residents</i>	<i>12-13</i>
<i>Alumni</i>	<i>14-18</i>
<i>Contact Information</i>	<i>19</i>

# Program Goals

## Practice Excellence

- Develop a mastery of knowledge base in pharmacotherapy.
- Develop solid patient care skills in acute, ambulatory, and chronic care settings.  
(Should achieve excellence in one major area)
- Develop a sound understanding of pharmacy practice management.
- Establish yourself as an integral member of a health care team.

## Scholastic Excellence

- Demonstrate proficiency in teaching in both didactic and small group learning environments.
- Develop effective precepting skills.
- Generate new knowledge in Pharmacotherapy.
- Interpret and disseminate knowledge in Pharmacotherapy.

## Individual Excellence

- Develop a system of self assessment and development.
- Demonstrate exemplary verbal and written communication skills.
- Utilize a system for balancing multiple work-related and personal responsibilities.
- Understand the importance of professionalism through participation in pharmacy organizations & service.

Refer to the *ASHP/ACCP Supplemental Standard for Pharmacotherapy Practice* for more information.

## Practice Experiences

Practice experiences are selected to provide the candidate with exposure to a range of practice environments, disease states, and pharmacist mentors. Additional experiences are added to the program (in rotation or project format) in order to:

- meet all requirements for a Pharmacy Practice residency with emphasis in Pharmaceutical Care
- survey the disease states required for a Pharmacotherapy specialist, and
- provide optimal experiences to prepare the candidates for their career choices

Rotation requirements for each program will be described individually. In addition to the block rotation experiences, residents will participate in 1 longitudinal clinic (1/2 day) per week.

Residents are encouraged to consider all potential resources within the Texas Tech Residency system as they plan their career track.



# Teaching Opportunities: The Clinician-Educator Training Program

Structured throughout the residency, the **Clinician-Educator Training Program** provides training for residents who are interested in developing their academic skills. The major goal of the training program is to supplement a strong clinical background with the skills needed to become a successful educator. The program includes didactic and web-based teaching models, mentored facilitator training for small-group problem-based learning, and precepting of third and fourth-year Doctor of Pharmacy students. Residents also receive instruction in grant writing, statistics, and clinical trial design; submit a project proposal to the institutional review board; and collect, interpret, and publish their results. Additional activities are provided to enhance discovery, integration, and writing skills. The program also includes innovative discussion topics based upon needs previously identified by new faculty members. Examples include handling difficult students, writing test questions, developing consistent evaluation methods and balancing life outside of career. While the program targets residents with an interest in academia, the skills sets gained through the Clinician-Educator Training Program are applicable to a broad range of career opportunities.



## Problem-Based Learning

1 semester each year as a group facilitator in case studies (P3 class). The case studies course is a student-directed exercise that focuses on pharmaceutical care for an individual patient. It is designed to be a problem based learning experience in which students see an initial patient presentation. They then spend the next 3 to 4 sessions developing a patient care plan and addressing self-identified learning issues. Both pathophysiology and therapeutic knowledge are incorporated. The facilitator's role is not to teach the students, but rather to facilitate their discussion. During the semester, this course meets twice a week for two hours.

## Experiential Teaching

Clerkship teaching (involving both P3 and P4 students) is integrated into the resident practice model. Early in the program, the resident will observe faculty clerkship preceptors and become integrated into various aspects of clerkship teaching. After 6 months of the residency program, residents have the opportunity to independently precept clerkship students.



## Didactic and Laboratory Teaching

1-2 hours of formal didactic lecturing within the school of pharmacy programs. The courses that are to be taught will be based on availability and resident interest.

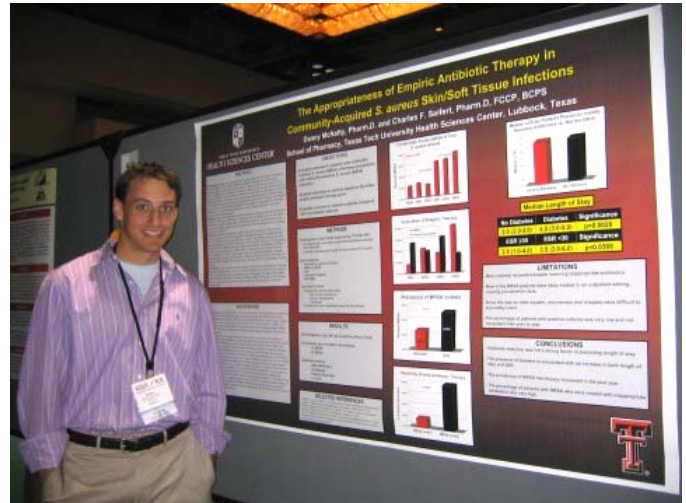
# Residency Projects

Residents will complete the equivalent of one major project per year. The two-year nature of the Pharmacotherapy Program allows the flexibility for residents to complete a single, more in-depth project, or a multi-step project.

## Resident projects must:

- include generation of original data;
- be suitable for publication or presentation at a national pharmacy meeting;
- be reasonably completed within the timeframe of the residency program

Residents present the results of their projects at the Southwest Regional Residency Conference. Residents are also encouraged to present posters of their work at national and state professional meetings. In addition, residents are expected to publish the results of their project in a peer-reviewed journal.



Residents may elect to participate in ongoing laboratory and practice-based research projects. Pharmacotherapy residents have played a variety of roles on multicenter trials conducted at TTUHSC.

Hospital Pharmacy  
Volume 41, Number 9, pp 848-854  
© 2006 Wolters Kluwer Health, Inc.

## FEATURED ARTICLE

# The Use of Combination Antimicrobials in Critically-III Ventilated Patients with Pseudomonal Pneumonia

Michael J. Peeters PharmD, BCPS\* and Charles F. Seifert PharmD, FCCP, BCPS†

## Additional Activities

### Manuscript Preparation

Residents are required to submit one manuscript per year for publication in a refereed journal.

### Southwestern Leadership Conference

Residents participate in this regional residents meeting, also known as ALCALDE, in the spring. Residents have the opportunity to present their project results for evaluation. It is also a great opportunity to interact with residents from other programs throughout the region.

### Service Requirement

Residents are required to staff in the inpatient pharmacy during their first year. The amount varies from program to program from 8 hours/week to 16 hours every three weeks. At some sites, residents will receive compensation as a pharmacist for this time at the current hospital rate.

### Resident and Pharmacotherapy Discussion Series

Residents of all campuses participate in a monthly discussion series that includes practice, scholarship, and leadership topics. The Pharmacotherapy residents also participate in informal discussions of current topics and therapeutic controversies.

# Abilene Pharmacotherapy Residency Program

## The Abilene Regional Campus

The Texas Tech University Health Sciences Center School of Pharmacy in Abilene is the Health Sciences Center's newest campus, with its first class starting in August 2007. It hosts a four year Pharm.D. program with approximately 40 students per class and offers post-graduate residency programs. The state of the art facility offers multimedia classrooms, pharmacy practice laboratory, patient counseling training center, research laboratories, physical assessment room, simulation center and much more. The TTUHSC SOP Department of Pharmacy Practice in Abilene consists of practitioners involved within direct patient care in the fields of Adult Medicine, Critical-Care, Community Care, Geriatrics, Pediatrics, and Primary Care.



## Primary Practice Setting

### Hendrick Medical Center

Hendrick Medical Center is licensed for 504 beds, a women's center, rehabilitation hospital, cancer center, birth center, hospice care, level III trauma center, children's hospital and numerous other innovative services. Hendrick has been the first to offer aggressive, innovative treatments and preventive healthcare measures ranging from services such as cancer screenings and pre-natal education courses to electrophysiology procedures and pediatric intensive care. Hendrick

also

serves as the practice site for TTUHSC Nursing and Pharmacy students, Cisco Junior College Respiratory Therapy students, and Patty Hanks Shelton School of Nursing students. Additional practice settings include the Presbyterian Medical Care Mission, Dyess Air Force Base, Sears Methodist Retirement System, Abilene Regional Medical Center, and others within the TTUHSC system.



## Summary of Practice Experiences

### Core Rotations

Inpatient Adult Medicine  
Critical Care  
Ambulatory Care

### Additional Required Rotations

Pediatrics  
Geriatrics  
Infectious Diseases  
Research Project Development  
Practice Management & Medication Safety  
Academia  
Hospital Pharmacy Practice

### Potential Elective Rotations:

Cardiology  
Hematology/Oncology  
Community Care  
Nutrition Support

*Other physician-directed rotations may be coordinated by the resident.*

**Longitudinal Clinics:** Residents spend one afternoon per week in a mutually arranged clinic or other experience. Clinics change every six months to one year and may include anticoagulation, diabetes/cardiovascular therapy, insulin pump management, inpatient clinical manager and others as they are developed.

## Program Director



### Ann Canales, Pharm.D., BCPS

Dr. Canales is an Assistant Professor of Pharmacy Practice in the Adult Medicine Division at TTUHSC School of Pharmacy in Abilene, Texas. She is a founding faculty member of the newest 4-year campus for the TTUHSC School of Pharmacy. She received her Pharm.D. from Southwestern Oklahoma State University in 2001. She then completed a two-year ASHP/ACCP-accredited residency in pharmacotherapy practice at Texas Tech University Health Sciences Center School of Pharmacy in Amarillo, Texas in 2003. Her current practice activities focus on inpatient adult medicine at Hendrick Medical Center in Abilene, Texas. Her current research interests include the use of classroom response systems in pharmacy education.

Ann Canales—Acute Care

Carol Fox—Geriatrics/Geropsych

Molly Minze—Ambulatory Care

Meri Hix—Geriatrics

Michelle Jernigan—Community Care

Heather Wild—Pediatrics

Young Ran Lee—Critical Care

Mary Klein—Ambulatory Care

Pamella Ochoa—Acute Care

Amy Perry—Surgery Pharmacy

Deborah Preston—Practice Management

Greg Perry—Infectious Diseases, Med Safety

Debbie Rollins—Oncology, Nutrition

Kyana Stewart—Pediatrics

Chris Tawwater—Acute Care, Critical Care

Jose Vega—Acute Care

Kelly Williamson—Geriatrics

# Amarillo Pharmacotherapy Residency Program

## The City of Amarillo

is located in the heart of the Texas Panhandle and is home to 180,000 people. The Harrington Regional Medical Center, a 410 acre campus of hospitals and associated health care facilities, provides a broad scope of accessible, high quality health care to residents of the Texas Panhandle and the surrounding four state region. Amarillo enjoys a mild climate with four distinct seasons while also boasting an average of 351 days of sunshine. Amarillo has a very favorable cost of living, and Texas is one of only seven states without a personal income tax. Amarillo is approximately 5 hours from Dallas/Fort Worth, Oklahoma City, the mountains in New Mexico and Colorado. Amarillo residents also enjoy area lakes, Palo Duro Canyon, and a variety of arts and entertainment.



## Practice Settings

**Northwest Texas Health System** is a 489-bed acute care medical center. As a for-profit, academic institution, it is the primary training site for the Texas Tech UHSC School of Medicine, Internal Medicine, Pediatrics, and Ob/Gyn Residency Programs as well as the Pharmacotherapy, Critical Care, and Pediatrics Pharmacy Residency Programs. NWTX houses a Level-III Trauma Center, a 22 bed NSICU/SICU, 30 bed MICU/CCU, 30 bed NICU, and 10 bed PICU. Recent expansions include the addition of a designated Hematology/Oncology floor, a 35 bed Pediatric Med/Surgery floor, and a 4-story Heart Care Center.



## VA Medical Center

The Amarillo Veteran's Medical Center is a major site for longitudinal ambulatory care experiences. Pharmacist-managed clinics at the VA including Lipid Management, Hepatitis C, and Anticoagulation clinics. Clinic opportunities may also be available in Infectious Diseases and Women's Health.



## Baptist Saint Anthony's

The BSA Health Care System is the primary practice site for the School of Medicine's Family Medicine Residency Program. The 300+ bed for-profit hospital is supported by 2 inpatient School of Pharmacy faculty. The Family Medical Clinic is supported by an Pharmacy faculty member specializing in ambulatory care. Both practice sites provide opportunities for residency rotations.



## Texas Tech Physicians Clinics

Affiliated with TTUHSC School of Medicine, provides opportunity for ambulatory experiences in diabetes and anticoagulation management, and the OB/GYN clinic (offering gestational diabetes education, depression and osteoporosis counseling).



## Summary of Practice Experiences

### Core Rotations:

Internal Medicine (4 months)  
Inpatient Family Medicine (1 month)  
Ambulatory Medicine (2 months)  
Critical Care (2 months)  
Geriatrics (1 month)  
Pediatrics (1 month)  
Practice Management (1 month)

### Selective - Elective Rotations:

Advanced Teaching Elective  
Cardiology  
Infectious Diseases  
(5 months)

### Potential Elective Rotations:

Surgical Intensive Care  
Emergency Medicine  
Pediatric/Neonatal Intensive Care  
Advanced Academia  
Advanced Practice Management  
Managed Care  
Oncology/Hematology  
Palliative Care/Hospice  
Research Project Development  
(6 months)

*Other physician-directed rotations may be coordinated by the resident.*

**Longitudinal Clinics:** Residents spend one afternoon per week in a mutually arranged clinic. Clinics change every six months and may include: Anticoagulation, Geriatric Assessment, HIV/Advanced Infectious Diseases. Other longitudinal experiences: Drug Information and Psychiatry or Geropsychiatry.

## Program Director



### Shawna E. King, Pharm.D., BCPS

Dr. King completed her Doctor of Pharmacy degree at TTUHSC School of Pharmacy in 2005 and the Amarillo Pharmacotherapy Program in 2007. She is currently Pharmacy Clinical Coordinator at Northwest Texas Healthcare System and Amarillo Pharmacotherapy Residency Program Director and adjunct Assistant Professor with the TTUHSC School of Pharmacy in Amarillo, TX.

## Pharmacist Preceptors

Ranee Basse—Correctional Health

Amy Cunningham—Pain/Symptom Management, Oncology

Jill Frost—Primary Care

Mark Haase—Pediatrics, Pediatric Intensive Care

Krystal Haase—Internal Medicine, Critical-Care

Niambi Horton—Primary Care

Jeannie Jaramillo—Poison Control Center

Shawna King—Practice Management

Sherry Luedtke—Pediatrics, Neonatal ICU

Eric MacLaughlin—Outpatient Family Medicine

Cythia Raehl—Geriatrics

Thomas Parker—Ambulatory Pediatrics

Kenna Payne—Inpatient Family Medicine

# Lubbock Pharmacotherapy Residency Program

## The City of Lubbock

is home to Texas Tech University with over 30,000 students and Big XII action with Red Raider sports. Lubbock is located on the High Plains of Texas equidistant between Dallas and Albuquerque. The city is the major retail trade nucleus for more than 500,000 people across 26 counties. An excellent climate of sunshine and low humidity encourages year-round activity in more than 60 city parks as well as public and private golf courses. Canyons to the north offer nearby opportunities for outdoor recreation, and just across the western border, the New Mexico mountains set a backdrop for skiing. Lubbock serves as a cultural center for West Texas and Eastern New Mexico. A symphony orchestra, ballet, and a world-renowned archaeological dig are only a few of the activities on the Lubbock scene. The Lubbock area is also blessed with three award-winning facilities-the Llano Estacado, Pheasant Ridge, and CapRock wineries. Lubbock, with an affordable cost of living, has all the conveniences of a major metropolitan area, without many of the complications of larger cities. A variety of restaurants and coffeehouses provide popular places to study or relax, and nightclubs showcase local musicians.



## Practice Settings

**Texas Tech University Health Sciences Center** is a 1.5 million square foot facility and is the main campus for the Schools of Medicine, Nursing, Allied Health Sciences and the Graduate School for Biomedical Sciences. On the HSC campus is a new state of the art Academic Classroom Building and the Preston Smith Health Sciences Library. Just recently completed are the Texas Tech Physicians Outpatient Medical Pavilion and Messer-Racz International Pain Institute.



**University Medical Center** is a 416 bed tertiary care teaching hospital which provides 21.8 million dollars annually in charity care to Lubbock and surrounding counties. It is home to the only burn unit, Level-I trauma center and bone marrow transplant unit in the region. It also houses a 42-bed NICU, 24-bed PICU, 24-bed SICU, 24-bed MICU, and brand new cardiac care floor. It is also home to the Children's Miracle Network hospital for the city of Lubbock and the newly renovated Southwest Cancer and Research Center.



The **Veterans Affairs Outpatient Clinic in Lubbock** is an outreach center from the Amarillo Veterans Affairs Health Care System. The clinic is a brand new 40,000 square foot facility with over 60,000 outpatient visits per year. There are three pharmacist-run clinics including medication referral (diabetes and hypertension), lipid lowering, and anticoagulation.



**Mildred and Shirley L. Garrison Geriatric Education and Care Center** is a state of the art 120-bed teaching nursing home. It is the only teaching nursing home of its kind in the country located on a Health Sciences Center campus. There are 60 beds devoted to progressive Alzheimer's care with 20 beds each devoted to mild, moderate, and severe dementia. There are 30 beds devoted to general medical care with a 30-bed skilled nursing facility. The Garrison Center is also equipped with state of the art telemedicine equipment and a distance learning classroom.



## Summary of Practice Experiences

### Core Rotations

Internal Medicine (6 months)  
Critical-Care (3 months)  
Ambulatory Medicine (2 years of longitudinal clinics)

### Additional Required Rotations

Drug Information\*  
Pediatrics (6 weeks)  
Geriatrics/Geropsych (6 weeks)  
Oncology (6 weeks)  
Pharmacy Practice Management\*

### Potential Elective Rotations

Cardiology  
Nephrology  
Gastroenterology  
Infectious Disease  
Research Project Development  
Surgical Intensive Care  
Burn Intensive Care  
Nutrition Support  
Long-Term Care Consulting

**Longitudinal Clinics:** Residents spend one half-day per week in a mutually arranged clinic. Clinics change every three-six months and may include anticoagulation, diabetes/cardiovascular therapy, lipids, hypertension, diastolic heart failure and HIV.

## Program Director



### Charles F. Seifert, Pharm.D., FCCP, BCPS

Dr. Seifert received his Bachelor of Science in Pharmacy from North Dakota State University in 1982 and his Doctor of Pharmacy from The University of Texas at Austin and The University of Texas Health Science Center at San Antonio in 1984. He completed an ASHP accredited Clinical Pharmacy Residency from Truman Medical Center and The University of Missouri at Kansas City in 1985. He was an Assistant Professor and then an Associate Professor of Adult Medicine with Tenure in the Section of Pharmacy Practice at The University of Oklahoma Health Sciences Center College of Pharmacy from 1985 to 1994. From 1994 to January of 1998 he was the Director of Clinical Pharmacy Services at Rapid City Regional Hospital in Rapid City, SD. Currently he is Professor of Pharmacy Practice and the Founding Regional Dean for Lubbock Programs with the School of Pharmacy at Texas Tech University Health Sciences Center. Dr. Seifert has received numerous awards for his teaching, practice, service, and research; most recently he was honored as a member of the TTUHSC School of Pharmacy 2008-2009 P3 Teaching Team of the Year for Nutrition and the 2009 Innovative Collaborative Practice Award from the Texas Society of Health-System Pharmacists for his work in Telepharmacy.

## Pharmacist Preceptors

Brian Irons—Primary Care

Craig D. Cox—Internal Medicine

Russell Horne—Practice Management

Patricia Luera—Community Pharmacy

Timothy Mazzolini—Primary Care

Staci L. Moss—Drug Information

Scott O'Banion-Nutrition, SICU

Janie Robles—Pediatrics

Rebecca Sleeper-Irons—Geriatrics, Geropsych

Kris Zepeda—Oncology

# Current Residents



## Alexandra Camille Barnette, Pharm.D. , 2010-2012

Dr. Barnette is currently a 2nd year Pharmacotherapy Specialty Resident at TTUHSC in Amarillo. She is originally from Knoxville, TN; and she received her Doctor of Pharmacy degree from University of Tennessee Health Science Center in May 2010. Her practice interests include pediatrics, emergency medicine and neurology. Her current residency project is valproic acid induced thrombocytopenia in cerebral palsy patients. She is currently a member of the American College of Clinical Pharmacy, the American Society of Health-System Pharmacists, Tennessee Pharmacists Association, and Panhandle Society of Health System Pharmacists. During her free time, she teaches spin and cardio kickboxing classes and enjoys spending time with her husband and running.

## Adam D. Brown, Pharm.D. , 2011-2013

Dr. Brown is currently a 1st year Pharmacotherapy Resident at University Medical Center & TTUHSC School of Pharmacy in Lubbock, TX. He is originally from La Porte, TX; he received his Doctor of Pharmacy degree from Texas A&M Health Science Center Rangel College of Pharmacy in May 2011. Dr. Brown is appointed as an Assistant Clinical Instructor at TTUHSC School of Pharmacy and precepts pharmacy students in their 3rd and 4th professional year. His residency research project will assess and compare different complications and comorbidities associated with different treatments of Clostridium difficile associated diarrhea. He is currently a member of ASHP and Kappa Psi Pharmaceutical Fraternity. During his free time, he enjoys playing golf, grilling, watching sports, and spending time with family and friends.



## Travis Garrett, Pharm.D. , 2010-2012

Dr. Garrett is originally from Denison, Texas and is currently a 2nd year Pharmacotherapy resident for TTUHSC School of Pharmacy at the Abilene campus. He received his Doctor of Pharmacy degree from TTUHSC School of Pharmacy in 2010. His practice interests include internal medicine, cardiology, and infectious diseases. Dr. Garrett is a member of the American Pharmacists Association, Texas Pharmacy Association, American Society of Health-System Pharmacists, Texas Society of Health-System Pharmacists, Christian Pharmacist Fellowship International and Phi Lambda Sigma. His current research involves classroom response technology in pharmacy education.

## Jennifer Grelle, Pharm.D. , 2011-2013

Dr. Grelle is a 1st year pharmacotherapy specialty resident at TTUHSC School of Pharmacy and Northwest Texas Hospital in Amarillo, Texas. Dr. Grelle is also appointed as an Assistant Clinical Instructor at the School of Pharmacy and will be precepting pharmacy students in their 3rd and 4th professional year. She received her Doctor of Pharmacy from TTUHSC in Abilene and completed her pre-pharmacy education at Angelo State University in San Angelo. Her practice interests include internal medicine, critical care and infectious diseases. Currently, she is a member of ASHP, APhA, TPA and ACCP. In her free time, she enjoys traveling abroad, playing tennis, watching movies and hanging out with family and friends.



# Current Residents



## **Veronica Nieto, Pharm.D. , 2010-2012**

Dr. Nieto is originally from Denison, Texas; she received her Doctor of Pharmacy degree from the University of Kansas School of Pharmacy in Lawrence, Kansas. She is currently a 2nd-year Pharmacotherapy Resident in Amarillo. Her professional interests include academia, adult medicine, cardiology, and primary care. Her current residency research project is focused on investigating the treatment of hypertensive crisis in the emergency room setting. Upon graduation from the residency program, she plans to pursue a position as a clinical faculty member for a school of pharmacy.

## **Chelsea Coronado-Sanchez, Pharm.D. , 2010-2012**

Dr. Sanchez is currently a 2nd year Pharmacotherapy Resident with the TTUHSC School of Pharmacy in Lubbock, Texas. She is originally from San Antonio, TX; she received her Doctor of Pharmacy degree from The University of the Incarnate Word: John and Rita Feik School of Pharmacy in May 2010. Her research project involves the evaluation of outpatient predictors of health care utilization in diastolic heart failure. She is currently a member of Kappa Psi Pharmaceutical Fraternity, American Society of Health-System Pharmacists, and Phi Lambda Sigma. During her free time she enjoys playing golf, going home to San Antonio to visit her family and friends, and watching professional football.



## **Joseph Zorek, Pharm.D. , 2010-2012**

Dr. Zorek is a 1st year pharmacotherapy specialty resident at TTUHSC School of Pharmacy and Northwest Texas Hospital in Amarillo, Texas, who also holds an appointment as an Assistant Clinical Instructor at the School of Pharmacy. He earned his Doctor of Pharmacy degree from the University of Illinois at Chicago. Dr. Zorek's practice interests include adult medicine, ambulatory care and academia. His research interests are influenced by his previous career as a high school psychology and sociology teacher and include curriculum assessment, professionalism, interprofessional and experiential education and public perception of pharmacy. He is a member of ACCP, AACP, ASHP and APhA.



**Amy Cunningham, Pharm.D., 2000 - 2002**

Dr. Cunningham is a Clinical Pharmacist with the Harrington Cancer Center in Amarillo, Texas. She received her Pharm.D. from the University of New Mexico in Albuquerque in 2000. During the Pharmacotherapy Specialty Residency in Amarillo, Amy developed a practice interest in pain and palliative therapy. She also provides anticoagulation and educational services for Cancer Center patients.

**Ann Canales, Pharm.D., BCPS, 2001 - 2003**

Dr. Canales is an Assistant Professor of Pharmacy Practice at TTUHSC School of Pharmacy in Abilene, Texas. She received her Doctor of Pharmacy degree from Southwestern Oklahoma State University in 2001 and completed the Amarillo Pharmacotherapy Program. Dr. Canales currently practices as a clinical pharmacist at Hendrick Medical Center in Abilene, Texas with a focus on inpatient adult medicine.



**R. Bret Dunlap, Pharm.D., 2002 - 2004**

Dr. Dunlap is a Clinical Pharmacy Manager for McKesson Medication Management at Brandon Regional Medical Center in Brandon, Florida. He received his Doctor of Pharmacy from the University of New Mexico prior to completing the Pharmacotherapy Program at the Amarillo campus. In addition to his administrative responsibilities, Dr. Dunlap's practice focus is in critical care medicine.

**Tim Mazzolini, Pharm.D., BCPS, 2002 - 2004**

Dr. Mazzolini is a Clinical Pharmacy Specialist for the Lubbock Veterans Affairs Medical Center Outpatient Clinic. Dr. Mazzolini is a Clinical Assistant Professor for Texas Tech, precepting 3rd and 4th year ambulatory care clerkships. He received his Doctor of Pharmacy from TTUHSC School of Pharmacy in 2002 and completed the Lubbock Pharmacotherapy Program in 2004. Dr. Mazzolini's practice focus is in ambulatory care, including hypertension, diabetes, and lipids.



# Resident Alumni



## **Justin Hooper, Pharm.D., BCPS, 2003 - 2005**

Dr. Hooper received his Doctor of Pharmacy from the University of Texas at Austin College of Pharmacy in 2000 and completed the Pharmacotherapy Program in Dallas in 2002. Subsequently, he practiced in the areas of ambulatory care, home infusion therapy, and inpatient hospital pharmacy. Dr. Hooper is currently the Pharmacy Clinical Manager at Trinity Mother Frances Hospitals and Clinics in Tyler, TX.

## **Erik Maki, Pharm.D., BCPS, 2003 - 2005**

Dr. Maki is an Assistant Professor of Pharmacy Practice and Internal Medicine at Drake University College of Pharmacy and Health Sciences in Des Moines, Iowa. He received his Doctor of Pharmacy from the University of Iowa in 2003 and completed the Amarillo Pharmacotherapy Program in 2005. Dr. Maki currently practices as a Clinical Pharmacy Specialist in Internal Medicine with the Mercy Hospitalists Group at Mercy Medical Center in Des Moines.



## **Michael J. Peeters, Pharm.D., M.Ed., BCPS, 2003 - 2005**

Dr. Peeters graduated from the University of Alberta (B.Sc.Pharm, 2000) and the University of Washington (PharmD, 2003). He completed the Lubbock Pharmacotherapy Residency Program in 2005. He is currently a Clinical Assistant Professor at the University of Toledo College of Pharmacy in Toledo, Ohio. As a faculty member at the University of Toledo, he completed a Masters of Education in Educational Research and Measurement, and obtained a teaching certificate from the American College of Clinical Pharmacy. Dr. Peeters maintains an Emergency Medicine practice in the Emergency Department at the University of Toledo Medical Center.



## **Patrick Gallegos, Pharm.D., BCPS, 2004 - 2006**

Dr. Gallegos graduated from TTUHSC School of Pharmacy in 2004 and remained in Amarillo to complete the 2-year Pharmacotherapy program. Prior to that, he completed his undergraduate degree in Biology and Chemistry at West Texas A&M University in Canyon, TX. Dr. Gallegos currently practices as a Pharmacotherapy Specialist in Internal Medicine at Akron General Medical Center in Akron, Ohio and is an Associate Professor of Pharmacy Practice and Internal Medicine at Northeast Ohio University Colleges of Pharmacy and Medicine.



# Resident Alumni



**Danny McNatty, Pharm.D., BCPS, 2005 - 2007**

Dr. McNatty completed his Pharm.D. at the State University of New York at Buffalo in 2005 and the Lubbock Pharmacotherapy Program in 2007. He is currently Discern Pharmacy Program Manager in Clinical Innovations with Banner Health in Phoenix, Arizona.

**Kenna Payne, Pharm.D., BCPS, 2005 - 2007**

Dr. Payne received her Pharm.D. from the TTUHSC School of Pharmacy in 2005 and completed the Dallas Pharmacotherapy Program in 2007. She is currently an Assistant Professor of Pharmacy Practice in the Adult Medicine Division with TTUHSC School of Pharmacy in Amarillo, TX. Dr. Payne practices in Internal Medicine and has research interests in critical care, infectious diseases, and cardiology.



**Shawna E. King, Pharm.D., BCPS, 2005 - 2007**

Dr. King completed her Doctor of Pharmacy degree at TTUHSC School of Pharmacy in 2005 and the Amarillo Pharmacotherapy Program in 2007. She is currently Pharmacy Clinical Coordinator at Northwest Texas Healthcare System and Amarillo Pharmacotherapy Residency Program Director and adjunct Assistant Professor with the TTUHSC School of Pharmacy in Amarillo, TX.



**Amy Bain, Pharm.D., BCPS 2006 - 2008**

Dr. Amy Bain is originally from Winter Haven, Florida and graduated with a Bachelor of Science degree from the College of Charleston in 2000 and received her Doctor of Pharmacy degree in 2006 from the Medical University of South Carolina. She completed the Dallas Pharmacotherapy Program in 2008. She is currently a practicing clinical pharmacist at Mother Frances Hospital in Tyler, TX.



**Eden Mae Camarines, Pharm.D., BCPS 2006 - 2008**

Dr. Camarines is originally from Dallas, Texas and received her Pharm.D from the University of Houston College of Pharmacy in 2006 and completed the Lubbock Pharmacotherapy Program in 2008. She is currently the Pain/Palliative Care Pharmacist at M.D. Anderson Cancer Center in Houston, TX



# Resident Alumni



**Tara R. Loan, Pharm.D., BCPS 2007-2009**

Dr. Tara Loan is originally from Cosgrove, Iowa and received her Doctor of Pharmacy degree from Drake University College of Pharmacy and Health Sciences in Des Moines, Iowa in May 2007. She completed the Lubbock Pharmacotherapy Program in 2009. Dr. Loan is a Clinical Pharmacy Specialist in Surgery/Transplantation at the Veterans Affairs Medical Center in Iowa City, IA.

**Chris Tawwater, Pharm.D., BCPS 2007-2009**

Dr. Tawwater completed his pre-pharmacy education at Texas Tech University in Lubbock and received his Doctor of Pharmacy degree from TTUHSC School of Pharmacy in May 2007. He completed the Amarillo Pharmacotherapy Program in 2009. He is an Assistant Professor in the Adult Medicine Division on the Abilene Campus of TTUHSC School of Pharmacy. He is a member of AACP and ACCP and his practice site is the Abilene Regional Medical Center in Abilene, TX. His practice interests include infectious disease and cardiology.



**Michalea Daggett, Pharm.D., BCPS 2008-2010**

Dr. Daggett is from Odessa, Texas and received her Bachelor of Science in Genetics from Texas A&M University in 2004 and her Doctor of Pharmacy degree from the University of Houston in 2008. She completed the Lubbock Pharmacotherapy Residency Program in 2010 and recently became a Board Certified Pharmacotherapy Specialist. She is currently a clinical consultant in Odessa, Texas.

**Christopher Giuliano, Pharm.D., 2008-2010**

Dr. Giuliano is originally from Cincinnati, Ohio; He received his Doctor of Pharmacy degree from the University of Toledo College of Pharmacy located in Toledo, Ohio in 2008. He completed the Pharmacotherapy Residency Program in Amarillo in 2010. He is currently an Assistant Professor of Pharmacy Practice at the Eugene Applebaum College of Pharmacy and Health Sciences at Wayne State University and practices in internal medicine at St. Johns Hospital in Detroit, Michigan.





## **Amber Elliott, Pharm.D., BCPS 2009-2011**

Dr. Elliott is originally from Muleshoe, Texas; she received her Bachelor of Science degree in Biology/Biochemistry from West Texas A&M University in December 2003. She went on to pursue her Doctor of Pharmacy degree from TTUHSC School of Pharmacy, graduating in May 2009. She completed the Pharmacotherapy Residency Program on the Amarillo campus in 2011. She is currently an Operating Room and Clinical Pharmacist at Northwest Texas Healthcare System in Amarillo, TX.

## **Renee Holder, Pharm.D., BCPS 2009-2011**

Dr. Holder is originally from Reno, Nevada. She received her Doctor of Pharmacy degree from Midwestern University in Glendale, Arizona in 2009. She completed her 2-year Pharmacotherapy Residency on the Abilene campus in 2011. She is currently an Assistant Professor of Pharmacy Practice with the Roseman University of Health Sciences in Henderson, Nevada.



## **Jamie McCarrell, Pharm.D., BCPS 2009-2011**

Dr. McCarrell went to undergraduate school at the University of Mary Hardin-Baylor and graduated with a Doctor of Pharmacy degree from TTUHSC School of Pharmacy in 2009. He completed the Pharmacotherapy Residency on the Amarillo campus in 2011. He is currently an Assistant Professor of Pharmacy Practice in the Geriatrics Division with the TTUHSC School of Pharmacy in Amarillo, TX. His practice site is with the Craig-Methodist Retirement Community.

## **Anne Schweighardt, Pharm.D., 2009-2011**

Dr. Schweighardt is originally from St. Maries, Idaho; she received her Doctor of Pharmacy degree from the University of Utah in Salt Lake City in 2009. She completed the Pharmacotherapy Residency on the Lubbock campus in 2011. She is currently an Assistant Professor of Pharmacy Practice at St. John Fisher College Wegmans School of Pharmacy in Rochester, NY. Her practice is in adult internal medicine.





# TTUHSC School of Pharmacy Pharmacotherapy Residency Programs

---

TTUHSC Residency Programs Website  
<http://www.ttuhschool.edu/sop/Residencies/>

## Program Director Contact Information

### Abilene

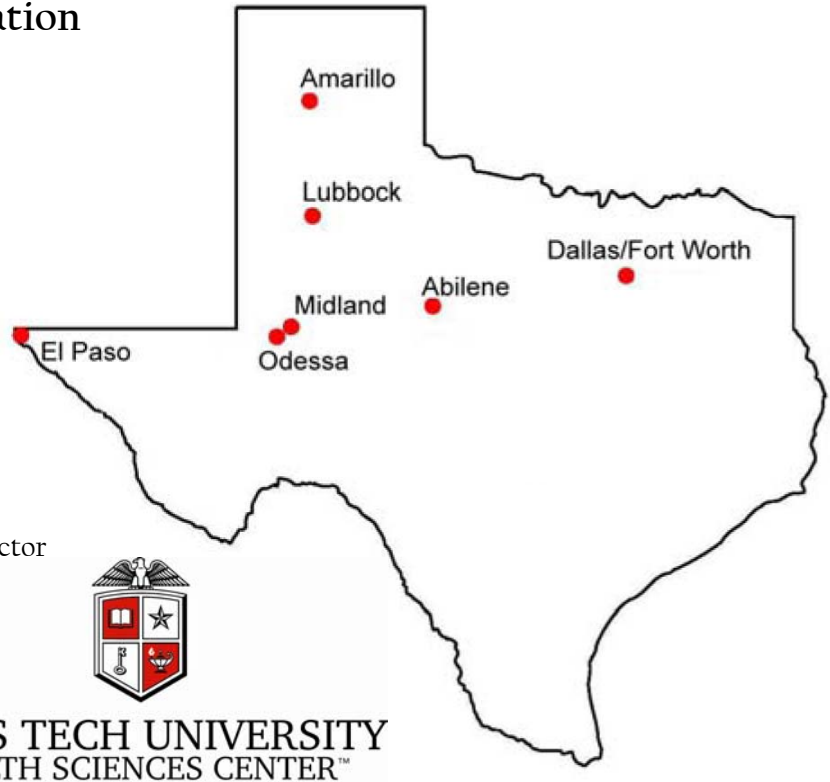
Ann Canales, Pharm.D., BCPS  
Assistant Professor of Pharmacy Practice  
1718 Pine Street  
Abilene, TX 79601  
(325) 676-7948 ext 247  
Fax: (325) 676-3824  
ann.canales@ttuhsc.edu

### Amarillo

Shawna E. King, Pharm.D., BCPS  
Pharmacy Clinical Coordinator  
TTUHSC Pharmacotherapy Residency Program Director  
Northwest Texas Healthcare System  
Department of Pharmacy  
1501 S. Coulter Street  
Amarillo, TX 79106  
(806) 351-7427  
Fax: (806) 354-1073  
shawna.king@nwths.com

### Lubbock

Charles F. Seifert, Pharm.D., FCCP, BCPS  
Professor of Pharmacy Practice &  
Regional Dean for Lubbock Programs  
3601 4th Street; MS 8162  
Lubbock, TX 79430  
(806) 743-4200 ext 222  
Fax: (806) 743-4209  
charles.seifert@ttuhsc.edu





ABILENE



AMARILLO

# TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER™ School of Pharmacy



DALLAS/FT. WORTH



LUBBOCK

