TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER
School of Pharmacy

Two Year Specialty Residency Programs in
Pharmacotherapy

2018-2019
Program Summary
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.
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.
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.
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 ALCALDE Southwest Regional Residency Conference and the TTUHSC School of Pharmacy Annual Research Days. 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.

Additional Activities

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

ALCALDE Southwestern Leadership Conference & SOP Research Days
Residents participate in this regional residents meeting, also known as ALCALDE, in the spring and the SOP Research Days in the summer. 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.
The City of Amarillo

is located in the heart of the Texas Panhandle and is home to over 198,000 people. The Harrington Regional Medical Center, a 410 acre campus of hospitals and associated healthcare facilities, provides a broad scope of accessible, high quality healthcare 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 Healthcare System is a 489-bed acute care medical center. As a for-profit, academic institution, it is the primary training site for the TTUHSC School of Medicine, Internal Medicine, Pediatrics, and Ob/Gyn Residency Programs as well as the Pharmacotherapy Residency Program. NWTH houses a Level-III Trauma Center, a 32 bed NSICU/SICU, 22 bed MICU, 26 bed CCU, 32 bed NICU, and 12 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 ambulatory care experiences. Pharmacist-managed clinics at the VA include Diabetes, Lipid Management, Anticoagulation, Hypertension, Smoking Cessation, Pain, Mental Health, and Home-Based Primary Care. A physician led Infectious Disease clinic serves as one longitudinal ambulatory care experience.

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 1 inpatient School of Pharmacy faculty. Residents complete two learning experiences - Family Medicine core and a Family Medicine Teaching block with P3/P4 clerkship students.

Texas Tech Physicians Clinics
Includes Family and Internal Medicine clinics affiliated with TTUHSC School of Medicine and provides ambulatory care experiences in diabetes, anticoagulation, annual wellness visits, hypertension, hyperlipidemia, pain, and pediatric endocrinology.
Summary of Practice Experiences

Required Core Rotations:
- Internal Medicine (16 weeks)
- Inpatient Family Medicine (10 weeks)
- Ambulatory Care (8 weeks)
- Medical Intensive Care
- Geriatrics
- Pediatrics

Selective Rotations:
- Subspecialty Experiential Teaching (6 weeks)
- Disease State Selective (Cardiology or ID)
- Critical Care Selective (SICU, CCU, ED, PICU)

Selective rotations may also be used as electives

Longitudinal Rotations:
- Practice Management
- Research Project Development
- Laboratory/Case-Based Teaching
- Staffing

Potential Elective Rotations:
- Advanced Academia
- Family Medicine/Pain Clinics
- Hospitalist
- Managed Care/Correctional Health
- Nephrology
- Oncology
- Pediatric Diabetes Camp

Longitudinal Clinics: Residents spend one afternoon per week in a mutually arranged clinic. Clinics change every six months and may include: Anticoagulation, HIV/Advanced Infectious Diseases, Family Medicine Pharmacotherapy Clinic, & Pediatric Endocrinology.

Program Director

Krystal Haase, Pharm.D., FCCP, BCPS, BCCCP
Dr. Haase is Professor and Head of the Adult Medicine Division in the Department of Pharmacy Practice. After receiving her Pharm.D. degree from the University of Texas, she completed a two-year Pharmacotherapy Residency at the Medical University of South Carolina. Dr. Haase practices in the Medical Intensive Care Unit at Northwest Texas Hospital. She developed the two-year Pharmacotherapy residency in Amarillo in 2001. Her research focus is on improvement of care to critically ill patients through optimization of drug therapy.

Pharmacist Preceptors

Taryn Bainum - Medical and Surgical ICU
Rachel Basinger – Primary Care
Ranee Basse - Correctional Health
Mikala Conatser – Teaching Longitudinal
Les Covington - Geriatrics, Family Medicine
Amy Cunningham - Oncology
Magen Fields - Practice Management
Jill Frost - Primary Care, Women’s Health
Mark Haase - Pediatrics, Pediatric ICU
Krystal Haase - Internal Medicine, Medical ICU
Lori Henke – Distributive
Shanna James, - Teaching Longitudinal
Jeannie Jaramillo-Stametz - Poison / Toxicology
Christine Johnson - Primary Care, VA
Eric MacLaughlin - Outpatient Family Medicine
Jamie McCarrell - Geriatrics
Thomas Parker - Pediatric Endocrinology
Maegan Whitworth- Medical and Surgical ICU
Dr. Whitworth also serves as Residency Program Coordinator
Kenna Payne - Inpatient Family Medicine
The City of Lubbock

is home to Texas Tech University with over 37,000 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, Health Professions and the Graduate School for Biomedical Sciences. The HSC campus has state of the art facilities including an Academic Classroom Building, the Preston Smith Library, Physician’s Medical Pavilion, and F. Marie Hall SimLife Center.

University Medical Center is a 501 bed county, tertiary care teaching hospital which provides over 35 million dollars annually in charity care to Lubbock and surrounding counties. It is home to the only burn unit and Level-I trauma center in the region. It also houses a 42-bed NICU, 24-bed PICU, 24-bed SICU, 33-bed MICU, and brand new Neuro-ICU. 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 Texas Tech Physician’s Medical Pavilion is a “state-of-the-art” clinic building which is on the Texas Tech University Health Sciences Center in Lubbock. There are several disease state management clinics run by pharmacists including anticoagulation, hypertension, and diabetes. The residents also spend time with infectious disease in the HIV clinic.

Carillon Senior LifeCare Community is a continuous care retirement community consisting of independent living garden homes and apartments, assisted living, and long term care. The Carillon House (LTCF) is a 150 bed facility with the Medical Director from TTUHSC Family Medicine supporting the Family Medicine Residency Program. There are also two dedicated dementia/memory units (20 beds each).
Summary of Practice Experiences

Core Rotations
Internal Medicine (6 months) including Capstone
Nutrition Support & SICU (6 weeks)
Medical Intensive Care (6 weeks)
Pediatrics (6 weeks)
Geriatrics/Geropsych (6 weeks)
Oncology (6 weeks)
Pharmacy Practice Management
Inpatient & Outpatient Pharmacy Staffing
Ambulatory Medicine (2 years of longitudinal experiences)

Potential Elective Rotations
Academia
Cardiology
Emergency Medicine
Geriatrics
Pediatric Camp
Nephrology
Gastroenterology
Infectious Disease
Research Project Development
Surgical Intensive Care
Burn Intensive Care
Nutrition Support
Long-Term Care Consulting

Longitudinal Clinics: Residents spend one evening per week in an indigent care clinic. Other longitudinal experiences include Interprofessional Collaborative practices with Nurse Practitioners, Patient Navigators, Physicians, Dieticians, Social Workers, and Psychotherapists.

Program Director

Charles F. Seifert, Pharm.D., FCCP, BCPS
Dr. Seifert received his Bachelor of Science in Pharmacy from NDSU 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, Senior Executive Associate Dean 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 the 2015 & 2016 SOP P3 Teacher of the Year, The 2016 TTUHSC Student Government Association Outstanding Pharmacy Didactic Teacher, & the 2015 ACCP Adult Medicine PRN Paper of the Year.

Pharmacist Preceptors

Courtney Armstrong—Practice Management
Brian Irons—Primary Care
Craig Cox—Adult Medicine
Russell Horne—Practice Management
Whitney Mason—Critical-Care
Staci Moss—Community Pharmacy
Scott O’Banion-SICU/Metabolic Support

Janie Robles—Pediatrics
Charles Seifert—Adult Medicine
Rebecca Sleeper-Irons—Geriatrics, Geropsych
Ajoke Tijani—Oncology
Latisha Tomlinson—Emergency Medicine
Tanis Welch—Infectious Diseases
Brandi Dahl, Pharm.D., BCPS 2017-2019
Dr. Dahl is currently Chief Resident and PGY2 Pharmacotherapy Specialty Resident at TTUHSC School of Pharmacy and Northwest Texas Hospital in Amarillo, Texas. She is also appointed as an Assistant Clinical Instructor at the School of Pharmacy. Dr. Dahl received her Doctor of Pharmacy degree from TTUHSC School of Pharmacy on the Amarillo campus in May of 2017. She is actively involved in the American College of Clinical Pharmacy, TTUHSC SOP Alumni Association, and American Society of Health-System Pharmacists at both a state and local level. Her current practice interests include ambulatory care, transitions of care, and academia. In her free time, she enjoys being outdoors with her fiancé, friends, and family, and playing with her dog and two cats.

Casey Barrett, Pharm.D. 2018-2020
Dr. Barrett is a PGY1 Pharmacotherapy Specialty Resident at TTUHSC School of Pharmacy and Northwest Texas Hospital in Amarillo, Texas. She is also appointed as an assistant clinical instructor at the School of Pharmacy and will be precepting P3 & P4 students. She received her Doctor of Pharmacy degree from the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences. She is a member of ASHP, TSHP, PSHSP and ACCP. Her current practice interests include critical care, infectious disease, toxicology, and academia. In her free time, she enjoys going to the gym, spending time with her fiancé, friends, and family, and playing with her dog and two cats.

Richelle Camp, Pharm.D. 2018-2020
Dr. Camp is a PGY1 Pharmacotherapy Resident at TTUHSC School of Pharmacy and University Medical Center in Lubbock, Texas. Dr. Camp is also appointed as an assistant clinical instructor at the School of Pharmacy and will be precepting P3 & P4 students. She received her Doctor of Pharmacy degree from TTUHSC School of Pharmacy on the Amarillo campus is 2018. Her practice interests include academia, critical care, internal medicine, and infectious diseases. She is a member of ASHP & ACCP. In her free time, she enjoys shopping, pilates, and escaping to the mountains to hike and snow ski.

Brandi Dahl, Pharm.D., BCPS 2017-2019
Dr. Dahl is currently Chief Resident and PGY2 Pharmacotherapy Specialty Resident at TTUHSC School of Pharmacy and Northwest Texas Hospital in Amarillo, Texas. Dr. Dahl received her Doctor of Pharmacy degree from TTUHSC School of Pharmacy on the Amarillo campus in May of 2017. She is actively involved in the American College of Clinical Pharmacy, TTUHSC SOP Alumni Association, and American Society of Health-System Pharmacists at both a state and local level. Her current practice interests include ambulatory care, transitions of care and academia. During her free time, she enjoys being outdoors with her dogs, playing basketball, and spending time with her family.

Bethannie D. Dziuk, Pharm.D., MAA, BCPS 2017-2019
Dr. Dziuk is a PGY2 Pharmacotherapy Resident at TTUHSC School of Pharmacy and University Medical Center in Lubbock, Texas. Dr. Dziuk is also appointed as an assistant clinical instructor at the School of Pharmacy and precepts P3 & P4 students. She received her Doctor of Pharmacy degree and Master of Arts degree in Administration & Organizational Development from the University of Incarnate Word in San Antonio, TX in 2017. Dr. Dziuk’s practice interests include cardiology, internal medicine, and emergency medicine. She is currently a member of ASHP, Kappa Psi Pharmaceutical Fraternity, and Rho Chi Honor Society. In her free time, she enjoys working out, spending time with family and friends, and trying new restaurants.
Dakota Freudenberg, Pharm.D. 2018-2020

Dr. Freudenberg is currently a PGY1 Pharmacotherapy Resident at TTUHSC School of Pharmacy and Northwest Texas Hospital in Amarillo, TX. She is also appointed as an Assistant Clinical Instructor at the School of Pharmacy and will be precepting P3 & P4 students. Dr. Freudenberg received her BS in Chemistry from the University of Indianapolis in 2014 and her Pharm.D. from Purdue University College of Pharmacy in 2018. Her professional practice interests include ambulatory care, mental health, transitions of care, and administration. She is a member of ASHP, TSHP, PSHP, and ACCP. During her free time, Dakota enjoys running, binging shows on Netflix, listening to live music, and spending time outdoors with her husband and their two dogs, Rossi and Bauer.

Taylor J. Horyna, Pharm.D., BCPS 2017-2019

Dr. Horyna is a PGY2 Pharmacotherapy Resident at TTUHSC School of Pharmacy and University Medical Center in Lubbock, Texas. Dr. Horyna is also appointed as an assistant clinical instructor at the School of Pharmacy and precepts P3 & P4 students. She received her Doctor of Pharmacy degree from Southwestern Oklahoma State University in Weatherford, Oklahoma in 2017. Her practice interests include internal medicine, family medicine, and academia. She is a member of ASHP, ACCP and AACP, and is an alumni brother of Phi Delta Chi fraternity. During her free time Taylor enjoys running, working out, relaxing by the pool, and cheering on the Oklahoma City Thunder.

Cyrus Koochekzadeh, Pharm.D. 2018-2020

Dr. Koochekzadeh is a PGY-1 Pharmacotherapy Resident at TTUHSC School of Pharmacy and University Medical Center in Lubbock, Texas. Dr. Koochekzadeh is also appointed as an assistant clinical instructor at the School of Pharmacy and will be precepting P3 & P4 students. He received his Doctor of Pharmacy degree from Texas A&M Rangel School of Pharmacy in 2018. He is a member of ASHP, APhA, Rho Chi Honor Society, Phi Lambda Sigma Leadership Society, and is an alumni brother of Kappa Psi Pharmaceutical Fraternity. His practice interests include internal medicine, emergency/critical care medicine, and academia. He enjoys cooking new recipes, playing ultimate frisbee, appreciating the local art scene, and spending time with his family and their dogs, Kane and Nala.

Melissa Williams, Pharm.D., 2017-2019

Dr. Williams is a PGY2 Pharmacotherapy Specialty Resident at TTUHSC School of Pharmacy and Northwest Texas Hospital in Amarillo, TX. She is also appointed as an Assistant Clinical Instructor at the School of Pharmacy and precepts P3 & P4 students. Dr. Williams received her Pharm.D from Philadelphia College of Osteopathic Medicine (PCOM) School of Pharmacy in Suwanee, GA in 2017. Her professional practice interests include ambulatory care, cardiology and academia. Dr. Williams is a member of ASHP & ACCP. In her free time, she enjoys traveling, playing the guitar, watching movies, playing basketball, and spending time with her family and friends.
Amy L. Cunningham-Martin, Pharm.D., 2000 - 2002

Dr. Cunningham is currently a clinical specialist at the Harrington Cancer Center Pharmacy in Amarillo, TX. She received her Pharm.D. from the University of New Mexico in Albuquerque in 2000 and completed the Pharmacotherapy Program on the Amarillo campus in 2002.

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

Dr. Canales received her Doctor of Pharmacy degree from Southwestern Oklahoma State University in 2001 and completed the Amarillo Pharmacotherapy Program in 2003. She was an Assistant Professor with TTUHSC School of Pharmacy in Amarillo and Abilene, TX from 2003-2012. Dr. Canales is currently Pharmacist-in-Charge at Allergy Partners of North Texas in Dallas, TX.

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

Dr. Dunlap is a Clinical Pharmacy Manager for McKesson Medication Management at Brandon Regional Hospital 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 2004. In addition to his administrative responsibilities, Dr. Dunlap’s practice focus is in critical care medicine.

Timothy A. 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 TTUHSC School of Pharmacy, 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.
Justin S. Hooper, Pharm.D., BCPS, 2003 - 2005

Dr. Hooper received his Doctor of Pharmacy from the University of Texas at Austin College of Pharmacy in 2003 and completed the Pharmacotherapy Program in Dallas in 2005. Subsequently, he practiced in the areas of ambulatory care, home infusion therapy, and inpatient hospital pharmacy. Dr. Hooper is currently Clinical Pharmacy Manager at Trinity Mother Frances Hospitals and Clinics in Tyler, TX.

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

Dr. Maki is an Associate 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.


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 Clinical Senior Lecturer 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. He was inducted as a Fellow of the American College of Clinical Pharmacy in 2014.

Patrick J. 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 in 2006. 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 in Rootstown, OH.
Danny McNatty, Pharm.D., MHA, 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 received his Masters in Health Administration in 2012 from Ashford University. He is currently Pharmacy Clinical Development Professional, Banner Clinical Education with Banner Health in Phoenix, Arizona.

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

Dr. Payne is an Assistant Professor and Associate Dean for Professional Development at Texas Tech University Health Sciences Center School of Pharmacy in Amarillo, Texas. Her current clinical practice focuses on inpatient family medicine. She received her Pharm.D. from TTUHSC School of Pharmacy in Amarillo in 2005. She then completed a two-year ASHP accredited Pharmacotherapy Specialty Residency at TTUHSC School of Pharmacy in Dallas in 2007. She became a Board Certified Pharmacotherapy Specialist (BCPS) through the Board of Pharmaceutical Specialties in 2007.

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

Dr. King is currently an Emergency Medicine Clinical Pharmacist at Providence Health and Services in Anchorage, AK. Prior to this, she was Clinical Manager at Northwest Texas Healthcare System and the Program Director for the Amarillo Pharmacotherapy Program. She completed her Doctor of Pharmacy degree at TTUHSC School of Pharmacy in 2005 and the Amarillo Pharmacotherapy Program in 2007.

Amy M. Bain-Martin, Pharm.D., BCPS 2006 - 2008

Dr. Amy Martin 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 Pharmacy Practice Residency Program Director at Trinity Mother Frances Hospitals and Clinics in Tyler, TX.

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

Dr. Rodriguez 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 the University of Texas M.D. Anderson Cancer Center in Houston, TX.
Tara R. Loan-Wiltrout, Pharm.D., BCPS 2007-2009

Dr. Wiltrout 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. Wiltrout is the Director of Business Development with Genoa Healthcare in Eagan Minnesota.

J. Chris Tawwater, Pharm.D., BCPS, BCCCP 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 J. 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 attended the Lubbock Pharmacotherapy Residency Program from 2008-2010. She is currently Clinical Coordinator at Midland Memorial Hospital in Midland, TX.

Christopher A., 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 Associate Professor of Pharmacy Practice at the Eugene Applebaum College of Pharmacy and Health Sciences at Wayne State University and practices as a Clinical Specialist in Internal Medicine at St. John Hospital and Medical Center in Detroit, Michigan.
Amber L. 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 the Clinical Coordinator and Program Director for the Pharmacy Practice Residency Program with BSA Health Systems in Amarillo, TX.

Renee M. Holder, Pharm.D., BCPS 2009-2011
Dr. Holder was 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 was part of the interdisciplinary Palliative Care Team at MedStar Washington Hospital Center in Washington, DC. Unfortunately Dr. Holder lost her battle with lung cancer in 2016. We will always remember her impact on the patients she cared for and her contagious warmth and smile.

Jamie L. McCarrell, Pharm.D., BCPS, BCGP 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 E. Schweighardt, Pharm.D., BCPS 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 attended the Pharmacotherapy Residency program on the Lubbock campus from 2009-2011. She is currently an Associate Professor of Pharmacy Practice at St. John Fisher College Wegmans School of Pharmacy in Rochester, NY. She practices in Adult Internal Medicine at the University of Rochester Medical Center (URMC) - Strong Memorial Hospital.
Alexandra Camille Barnette, Pharm.D., 2010-2012
Dr. Barnette completed the Pharmacotherapy Residency on the Amarillo campus in 2012. She is originally from Knoxville, TN; and she received her Doctor of Pharmacy degree from the University of Tennessee Health Science Center in May 2010. She currently practices in the Emergency Department at East Tennessee Children’s Hospital in Knoxville, TN. During her free time, she teaches spin and cardio kickboxing classes and enjoys spending time with her husband and running.

W. Travis Garrett, Pharm.D., 2010-2012
Dr. Garrett received his Doctor of Pharmacy degree from TTUHSC School of Pharmacy in 2010. He completed the Abilene Pharmacotherapy Program in 2012. He is currently a staff pharmacist at Parks Drug in Denison, TX.

Dr. Timm is originally from Denison, Texas and received her Doctor of Pharmacy degree from the University of Kansas School of Pharmacy in 2010. She completed the Amarillo Pharmacotherapy program in 2012. Dr. Timm is currently a Clinical Pharmacy Specialist in the North Texas VA Health System at the Sherman Community Based Outpatient Clinic in Sherman, TX.

Chelsea Coronado-Sanchez, Pharm.D., BCPS 2010-2012
Dr. Sanchez is a Clinical Specialist in internal medicine/antimicrobial stewardship at the Audie Murphy VA Medical Center in San Antonio, TX. She attended the University of the Incarnate Word and received her Bachelor of Science in Biology in 2006 and Doctor of Pharmacy degree in 2010. Following graduation, Dr. Sanchez completed a two-year specialty residency in Pharmacotherapy through Texas Tech University Health Sciences Center School of Pharmacy in Lubbock, Texas. Dr. Sanchez is a Board Certified Pharmacotherapy Specialist. Her research interests include primary care, cardiology and the scholarship of teaching and learning.
Adam T. Brown, Pharm.D., BCPS 2011-2013

Dr. Brown is currently a Clinical Assistant Professor of Pharmacy Practice at Texas A&M Rangel College of Pharmacy and a Clinical Pharmacist at Texas Medical Center in Houston, TX. He received his Doctor of Pharmacy degree from Texas A&M Health Science Center Rangel College of Pharmacy in May 2011 and completed an ASHP-Accredited Pharmacotherapy residency at TTUHSC in Lubbock in 2013. His interests include Adult Medicine, Cardiology, and Academia. 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.

Jennifer L. Grelle-Tawwater, Pharm.D., BCPS, BCCCP 2011-2013

Dr. Tawwater is an Assistant Professor of Pharmacy Practice in the Adult Medicine division and a Clinical Pharmacy Specialist in Critical Care and Adult Medicine at Abilene Regional Medical Center. She received her Doctorate of Pharmacy from TTUHSC in Abilene and then completed a two-year, ASHP-Accredited Residency in Pharmacotherapy at TTUHSC in Amarillo. Dr. Tawwater’s research interests include management of infectious diseases and a variety of critical care related topics. Her most recent research has centered around innovative measures to manage alcohol withdrawal syndrome and the prevention of therapeutic hypothermia-associated complications in post cardiac arrest patients.

Joseph A. Zorek, Pharm.D., BCGP 2011-2013

Dr. Zorek is an Associate Professor of Pharmacy Practice and the Director of Interprofessional Education at the University of Wisconsin-Madison School of Pharmacy in Madison, WI. He earned his Doctor of Pharmacy degree from the University of Illinois at Chicago in 2011 and completed the Pharmacotherapy Residency Program in Amarillo in 2013. Dr. Zorek currently practices at Dean Health System, where he is implementing a population health-focused medication risk reduction service for older adult patients. His research is centered on interprofessional education and collaborative practice, with secondary foci on health outcomes from practice-based innovations and curriculum assessment.

Saagar Akundi, Pharm.D., BCPS 2012-2014

Dr. Akundi is currently a Clinical Pharmacy Specialist with Bayshore Medical Center in Pasadena, TX. He completed the Pharmacotherapy Program at the School of Pharmacy in Abilene in 2014. He is originally from Austin, TX and received a Bachelor of Science from The University of Texas at Austin. He then received his Doctor of Pharmacy degree from Texas A&M Health Science Center Rangel College of Pharmacy in May 2012.
Leslie P. Covington, Pharm.D., BCPS, BCGP 2012-2014
Dr. Covington is currently an Assistant Professor in the Geriatric Division of the Pharmacy Practice Department at Texas Tech University Health Sciences Center (TTUHSC) School of Pharmacy in Amarillo, Texas. Dr. Covington practices at the Texas Tech Family Medicine clinic in Amarillo and precepts pharmacy students in their 3rd and 4th professional year. His practice interests are in geriatric pharmacotherapy as well as chronic management of COPD, diabetes, hypertension and hyperlipidemia. He completed the Pharmacotherapy Program in Amarillo in 2014. He received his Doctor of Pharmacy degree from TTUHSC in 2012.

Minh T. Hong, Pharm.D., BCPS 2012-2014
Dr. Hong is currently the Clinical Pharmacy Manager at Medical Center Hospital in Odessa, TX. He is Program Director for the PGY-1 Pharmacy Practice Residency at MCH. His practice is in Adult Internal Medicine and Pain & Palliative Care. He completed the Pharmacotherapy Program on the Lubbock campus in 2014. Dr. Hong received his Doctor of Pharmacy degree from Texas Tech University Health Sciences Center School of Pharmacy in May 2012.

Aaron J. York, DO, Pharm.D., BCPS, 2012-2014
Dr. York is currently a medical resident at Emory University in Atlanta, GA. Dr. York received his Doctor of Pharmacy degree from Wingate University School of Pharmacy in May 2012. He completed the Pharmacotherapy Program on the Amarillo campus in 2014. He received his Doctor of Osteopathic Medicine from Philadelphia College of Osteopathic Medicine in Suwanee, GA.

Leslie C. Monye, Pharm.D., BCPS 2013-2015
Dr. Monye is currently a staff pharmacist at Houston Methodist The Woodlands in The Woodlands, TX. He is originally from Houston, TX and received a bachelor's degree in Biology from the University of Houston. He then received his Doctor of Pharmacy degree from Howard University College of Pharmacy in May 2013. He completed the Pharmacotherapy Residency Program on the Lubbock campus in 2015.
Corrie Lowe Malphrus, Pharm.D., BCPS 2013-2015
Dr. Malphrus is currently the Antibiotic Stewardship Pharmacist at Baptist Hospitals of Southeast Texas in Beaumont, TX. Dr. Lowe received her Doctor of Pharmacy degree from Auburn University Harrison School of Pharmacy in May 2013. She completed the Pharmacotherapy Residency Program on the Amarillo campus in 2015.

Shirley Yu, Pharm.D., BCPS 2013-2015
Dr. Yu is currently a Clinical Pharmacy Specialist at Cambridge Health Alliance in Boston, MA. Dr. Yu received her Doctor of Pharmacy degree from the University of Illinois at Chicago in May 2013. She completed the Pharmacotherapy Residency Program on the Amarillo campus in 2015.

Taryn B. Satterwhite-Bainum, Pharm.D., BCPS 2014-2016
Dr. Bainum is currently an Assistant Professor in the Adult Medicine Division of the Pharmacy Practice Department with the School of Pharmacy at Texas Tech University Health Sciences Center in Amarillo. She practices at Northwest Texas Hospital and precepts 3rd and 4th year students. She received her Pharm.D. degree from TTUHSC School of Pharmacy in Lubbock in 2014 and completed a Pharmacotherapy Residency with TTUHSC in Amarillo in 2016. During her free time, she enjoys reading books, cooking, and spending time with friends and family.

Jessica Garza, Pharm.D., BCPS 2014-2016
Dr. Garza is a Clinical Specialist at Parkland Memorial Hospital in Dallas, TX. She received her Pharm.D. from TTUHSC-SOP in Lubbock in 2014. Dr. Garza received her Bachelor of Science in Biophysics from Centenary College of Louisiana in Shreveport, Louisiana. She completed the Pharmacotherapy Residency on the Abilene campus in 2016. During her free time, Dr. Garza enjoys playing golf, skiing, running, traveling, listening to live music, and spending time with friends and family.

Dr. Nwachukwu is currently a staff pharmacist for CVS in the Washington, DC area. She holds a Pharm.D. from Howard University College of Pharmacy, and a Master of Public Health with a Biostatistics and Epidemiology concentration from Drexel University School of Public Health. She completed the Pharmacotherapy Residency in Lubbock in 2016. She is a member of ASHP, ACCP, Kappa Epsilon, and Phi Lambda Sigma. During her free time, she enjoys skiing/snowboarding, watching movies, and spending time with loved ones.
Maegan Patterson-Whitworth, Pharm.D., BCPS 2014-2016
Maegan Whitworth, Pharm.D., BCPS is an Assistant Professor in the Adult Medicine Division of the Pharmacy Practice Department at Texas Tech University Health Sciences Center (TTUHSC) School of Pharmacy in Amarillo, Texas. After receiving her Pharm.D. degree from TTUHSC SOP in Lubbock, she completed a two-year Pharmacotherapy Residency with TTUHSC SOP in Amarillo. Dr. Whitworth practices in the Medical, Cardiac and Surgical Intensive Care Units at Northwest Texas Hospital and precepts pharmacy students in their 3rd and 4th professional year. She is the Program Coordinator of the Amarillo Pharmacotherapy Residency Program.

Nephy G. Samuel, Pharm.D., BCPS 2014-2016
Dr. Samuel is a Clinical Assistant Professor of Pharmacy Practice with the Texas A&M Rangel College of Pharmacy in College Station, TX. Dr. Samuel received her Pharm.D. from Texas A&M Rangel College of Pharmacy in 2014. She completed the Pharmacotherapy Residency Program in Lubbock in 2016. Dr. Samuel is currently a member of the American Society of Health System Pharmacists and Texas Pharmacy Association. During her free time, Dr. Samuel enjoys watching movies, reading, and spending time with her family and friends.

Keith Chow, Pharm.D., BCPS 2015-2017
Dr. Chow is a Clinical Pharmacy Specialist at Mayo Clinic in Rochester, MN. Dr. Chow received his Doctor of Pharmacy degree from the University of Utah College of Pharmacy in May 2015 and his 2-year Pharmacotherapy Specialty Residency with Texas Tech University Health Sciences Center in Amarillo, TX in 2017. His practice interests include internal medicine, cardiology, and academia. During his free time he enjoys playing and watching basketball, especially the Utah Jazz. Dr. Chow also enjoys watching football, playing golf, and bowling.

Megan E. Geurds-Giruzzi, Pharm.D., BCPS 2015-2017
Dr. Giruzzi is a Clinical Assistant Professor at Washington State University College of Pharmacy in Yakima WA. She received her Doctor of Pharmacy from Albany College of Pharmacy & Health Sciences in Albany, NY in 2015 and an ASHP accredited combined PGY1/PGY2 Pharmacotherapy Specialty Residency at Texas Tech University Health Sciences Center in Abilene, TX in 2017. She is currently practicing in the Family Medicine Department. During her free time, she enjoys being outdoors, figure skating, traveling, swimming, cooking, trying new foods, and spending time with my friends and family.
Herman J. Johannesmeyer, Pharm.D., BCPS 2015-2017
Dr. Johannesmeyer is an Assistant Professor of Pharmacy Practice at Marshall B. Ketchum University School of Pharmacy in Fullerton, CA. He received his Doctor of Pharmacy at the University of Arizona in 2015, and went on to complete a two-year pharmacotherapy residency at Texas Tech University Health Sciences Center in Lubbock, TX in 2017. His clinical interests are multi-faceted and include internal medicine, cardiology and oncology supportive care. Dr. Johannesmeyer's research interests include the effects of antibiotic timing on clinical outcomes and implementation methods of preceptor developmental programming.

Samie Sabet-Sarvestani, Pharm.D., BCPS, AE-C 2015-2017
Dr. Sabet-Sarvestani is a Pediatric Pharmacist at the University of Oklahoma College of Medicine at Tulsa. He completed his Doctor of Pharmacy degree at the University of Charleston School of Pharmacy in 2015 & a 2-year Pharmacotherapy Specialty Residency at Texas Tech University Health Sciences Center in Amarillo, TX in 2017. His current practice interests include general pediatrics. In his free time, he watches and plays soccer, spends time with friends and family, cooks, or goes to the movies.

Kerry Anne Rambaran, Pharm.D., BCPS 2015-2017
Dr. Rambaran is currently an Assistant Professor of Clinical Sciences at Keck Graduate Institute School of Pharmacy in Claremont, CA. She received her Bachelor of Pharmacy degree from the University of the West Indies at St. Augustine and her PharmD from Nova Southeastern University College of Pharmacy Ft. Lauderdale, FL in 2010 and 2014 respectively. Subsequently, she completed a Nephrology and Drug Information fellowship at Fresenius Medical Care in Charlotte, NC in 2015. Thereafter, she completed a combined PGY1 & PGY2 Pharmacotherapy residency at Texas Tech University Health Sciences Center in Lubbock Texas in 2017. Dr. Rambaran practices as an Intensive Care Unit pharmacist at Pomona Valley Medical Center. Her research interests include antimicrobial stewardship, cardiology and genetic markers for various disease states.
Benjamin A. Dagreadt, Pharm.D., MBA, BCPS 2016-2018
Dr. Dagreadt received his Pharm.D. and M.B.A. from Drake University in Des Moines, Iowa in 2016. He completed the Pharmacotherapy Residency on the Lubbock campus in 2018 where he was Chief Resident. He is currently a Clinical Pharmacy Specialist in Adult Internal Medicine at the University of Kansas Medical Center in Kansas City, KS. Ben is a member of the American College of Clinical Pharmacy (ACCP), American Society of Health-System Pharmacists (ASHP), and Kappa Psi Pharmaceutical Fraternity. During his free time, Ben enjoys cooking, weightlifting, golf, and Chicago Cubs baseball.

Stanley A. Luc, Pharm.D., BCPS 2016-2018
Dr. Luc received his Doctor of Pharmacy degree from the University of Florida College of Pharmacy (Gainesville campus) in 2016. He completed the Pharmacotherapy Residency on the Amarillo campus in 2018. He is currently a Clinical Pharmacy Specialist at Broward Health Medical Center in Fort Lauderdale, FL. He is a member of ASHP, ACCP & AACP. In his free time, he enjoys traveling, watching basketball and college football, and spending time with family and

Adaku I. Onwubuya, Pharm.D., BCPS 2016-2018
Dr. Onwubuya received her Doctor of Pharmacy degree from Texas A&M Rangel College of Pharmacy in 2016. She completed the Pharmacotherapy Residency on the Abilene campus in 2018. She is currently an Adult Medicine Clinical Practice Specialist with UTMB Correctional Managed Care in Huntsville, TX. Current memberships include ASHP, ACCP, Rho Chi, and Phi Delta Chi. During her free time, she enjoys working out, writing music, and spending time with friends and family.

Justin Ray Pedigo, Pharm.D., BCPS 2016-2018
Dr. Pedigo received his Doctor of Pharmacy degree from TTUHSC School of Pharmacy on the Abilene campus in 2016. He completed the Pharmacotherapy Residency program on the Lubbock campus in 2018. He is currently a Drug Information Specialist with UTMB Correctional Managed Care in Huntsville, TX. He loves spending time with his family and poodles, playing and talking about guitars, hiking, shooting guns, and listening to a wide variety of music.

Mary Shreffler, Pharm.D., BCPS 2016-2018
Dr. Shreffler received her Doctor of Pharmacy degree from the University of Oklahoma Health Sciences Center College of Pharmacy in 2016. She completed the Pharmacotherapy Residency program on the Amarillo campus in 2018. She is currently a Clinical Specialist in Adult Medicine at the University of Oklahoma Medical Center in Oklahoma City, OK. Dr. Shreffler is a member of ASHP, ACCP, APhA and Kappa Psi. During her free time, she enjoys reading historical fiction, watching movies, kayaking, and hanging out with her husband and two dachshunds, Bert and June.
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