ASHP-Accredited  
Postgraduate Year Two (PGY2)  
Ambulatory Care Pharmacy Residency  
Program Director:  
Lisa M. Chastain, Pharm.D., BCACP

Overall Purpose:  
Graduates of the PGY2 residency program are prepared to practice as clinical pharmacy specialists positions in a variety of ambulatory care settings and to serve as a non-tenured faculty member at a school of pharmacy.

Philosophy:  
The ASHP-accredited PGY2 specialty residency in Ambulatory Care at Texas Tech University Health Sciences Center School of Pharmacy Dallas/Ft. Worth Regional Campus is designed to produce practitioners who exhibit excellence in pharmaceutical care in Ambulatory Care practice settings. An Ambulatory Care Pharmacotherapy Specialist should possess a mastery of clinical skills needed to practice in a wide range of patient care settings and a solid knowledge base in Ambulatory Care 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 foster the development of an independent and versatile practitioner. The program is also designed to produce well rounded, independent professionals through experiences in teaching, research, and professional activities.

General Description:  
The 12-month program is designed to lead the resident through a variety of longitudinal practice experiences. By the end of the program, the resident should feel competent practicing within a variety of outpatient settings involving Ambulatory Care pharmacotherapy. The residency includes core rotations that are chosen to establish a strong base in Ambulatory Care. Core Ambulatory Care disease states within this residency include diabetes mellitus, hypertension, anticoagulation, coronary artery disease, heart failure, and hyperlipidemia. The resident may choose electives based on his/her career goals. Although the residency is designed around these core and elective longitudinal rotations, the focus of the training will be to master each of the disease states established within the ASHP Practice Standards for a Specialized Residency in Ambulatory Care Pharmacy Practice.

Program Goals:  

Practice Excellence  
- Develop a mastery of knowledge base in Ambulatory Care pharmacotherapy  
- Develop solid patient care skills in the ambulatory chronic care settings  
  - Should achieve excellence in core Ambulatory Care disease states  
- 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 Ambulatory Care Pharmacotherapy  
- Interpret and disseminate knowledge in Ambulatory Care Pharmacotherapy

Individual Excellence  
- Develop and improve upon a system of self-assessment skills  
- 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

For additional information, please refer to the ASHP PGY2 Ambulatory Care Pharmacy Residency Educational Goals and Objectives.
Program Activities:

The residency experiences are divided into half-day blocks (total of 10 half-days per week). All rotations are offered as longitudinal experiences with each rotation offered in quarterly blocks. The resident is required to take all of the Required Rotations in each of the quarters. However, the Elective Rotations only run for the specific quarter the resident is assigned (but these may be repeated in subsequent quarters if more experience in that specific area is desired). All longitudinal experiences are completed at the Dallas/Fort Worth VA Medical Center (VAMC) unless otherwise noted below.

Required Rotations (50-70% of time the entire year unless otherwise stated)
- Pharmacotherapy Clinics - Dallas and Fort Worth (2 to 3 - ½ days a week)
- Anticoagulation Class (6 months - ½ day a week)
- Pediatric Diabetes Camp (1 week in June)
- Academic: research project development / administrative Time (1 to 2 - ½ days a week)

Elective Rotations
- Anticoagulation Clinic
- Cardiology Clinic (¼ day per week, physician precepted)
- Diabetes Clinic: Adult (multidisciplinary clinic, pharmacist precepted)
- GI Clinic: Hepatitis C (multidisciplinary clinic, pharmacist precepted)
- Hematology/Oncology Outpatient Clinic (multidisciplinary clinic, pharmacist precepted)
- HIV Outpatient Clinic (multidisciplinary clinic, pharmacist precepted)
- Mental Health Clinic (pharmacist precepted)
- Pain Management Clinic (multidisciplinary clinic, physician precepted)
- Renal Clinic (multidisciplinary clinic, physician precepted)

Teaching Activities:

Residents are appointed as Assistant Instructors with Texas Tech University Health Sciences Center (TTUHSC) School of Pharmacy (SOP). Teaching activities for residents are designed to complement practice activities while allowing the resident to experience a variety of teaching methods. Residents will be required to demonstrate skills necessary to function in an academic setting by completing the following activities:

Clinician-Educator Residency Certificate Program
The Clinician Educator Training Program is a program to provide training for PGY1 and PGY2 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 learning objectives for this program are to develop a personalized teaching philosophy, create evaluable learning objectives and corresponding exam questions for a formal lecture, evaluate students fairly, and to discuss effective teaching methodologies for a given scenario. The program includes didactic and web-based teaching models, mentored facilitator training for small group problem-based learning, and precepting of third and/or fourth-year Doctor of Pharmacy students. Residents also receive instruction in grant-writing, statistical, 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 on needs previously identified by new faculty members. While the program targets residents with an interest in academia, the skill sets gained through the Clinician-Educator Training Program are applicable to a broad range of career opportunities.

Didactic Teaching
One to two hours of formal didactic lectures within the school of pharmacy programs shall be required. The courses that are to be taught will be based on availability and resident interest.

Problem-Based Learning
Involvement as a group facilitator in case studies (P3 Pharm.D. students) in both Case Studies II and III are required. The Case Studies II 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 pharmaceutical care plan, addressing self-identified learning issues, developing a SOAP note, and finally presenting their plan orally with another group. Both pathophysiology and therapeutic knowledge are incorporated. In Case Studies III the focus
is population-based. Students are provide real-life scenarios and must work together to complete the assigned tasks. Examples include creation of P&T drug monographs, patient care algorithms, educational materials, transitional care setting creations, and clinic business plans. 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 Pharm.D. 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. During the residency program, residents will independently precept clerkship students for two to three rotations.

Residency Project
Residents will complete one project per year. Residents may choose any type of research project or quality improvement program, provided that the project:
1) includes generation of original data;
2) is suitable for publication or presentation at a national pharmacy meeting;
3) can reasonably be completed within the residency year.

Journal Club
Residents will participate in the PGY2 residency journal club throughout the year, presenting one formal journal club at this venue. Residents will also present journal clubs throughout the year at the request of individual preceptors.

Other Teaching/Educational Opportunities
Residents will be required to provide in-services for pharmacy, nursing and medical services as required by preceptors. Residency topic discussions will be held at least monthly with all ambulatory care faculty members invited and on individual rotations as required and/or requested. Residents may also participate in the resident-managed BCPS preparatory course.

Additional Activities:

Resident Rounds
Residents will present a formal 45-minute presentation to the VANTHCS pharmacy staff and TTUHSC faculty in the fall.

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

Southwestern Leadership Conference (ALCALDE)
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 in a podium presentation. It is also a great opportunity to interact with residents from other programs throughout the region.

Poster Presentation
Residents are also required to present a poster of their work with an optional podium presentation at Texas Tech UHSC School of Pharmacy Research Days. In addition, a presentation at a national (preferred) or state professional meeting is encouraged.

Student Interviews
Residents will participate in the interview process for applicants to the Texas Tech UHSC School of Pharmacy.

Annual Assessment
Residents will assist other faculty members with administration and proctoring of the Annual Outcomes Assessment Test as needed.

Information for Applicants:

Qualifications: Residency applicants must have a Pharm.D. degree, be eligible for licensure in Texas, and be eligible for preceptorship in Texas Tech University HSC School of Pharmacy. Candidates for the Ambulatory
Care Specialty Residency should have completed a PGY1 Pharmacy Practice Residency. Candidates will be required to consent in writing to undergo a background check prior to employment.

**Contact Information**
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**Site Information:**
The Texas Tech School of Pharmacy was established by the Texas Legislature in 1993 and is part of the Texas Tech University Health Sciences Center. The Texas Tech University Health Sciences Center School of Pharmacy graduated its first class in May 2000. The Texas Tech School of Pharmacy is the first publicly funded pharmacy school to be built in the US in 40 years. Founded upon the idealism that tomorrow's pharmacists must be independent thinking and technologically advanced, all education and training utilize problem-based learning techniques with a strong emphasis on computer literacy. All course materials are maintained on the School's World Wide Web servers. The main campus for the school of pharmacy is located in Amarillo. Regional campuses are located in Dallas/Ft Worth, Lubbock and Abilene, Texas.

The Dallas/Fort Worth Regional campus was established in 1999, & has two sites, one resides on the Dallas Veterans Affairs Medical Center campus and the other is within the central Dallas Medical District. Approximately 16 full-time and 25 adjunct clinical faculty as well as 2 distance learning classrooms in DFW support the education and training of more than 80 students in their last 2 years of pharmacy school and 10-15 residents. Residents are actively involved in didactic and clinical teaching and helping facilitate Pharm.D. students in acquiring problem-based learning skills.

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Texas Tech Residency Class of 2015

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The Veterans Affairs North Texas Health Care System (VANTHSC) consists of three campuses including the Dallas VA Medical Center, Sam Rayburn Memorial Hospital in Bonham, and the Fort Worth Outpatient Clinic. The Dallas VA Medical Center, located 10 miles south of downtown Dallas, is a 571-bed inpatient facility with a new outpatient facility opened in 1999. The DVAMC is also a major training site for multiple health care professionals and is one the main teaching hospitals for residents and fellows from the University of Texas Southwestern (UTSW) Medical Center of Dallas. The Dallas VAMC campus provides patient care services and conducts clinical research in many inpatient and outpatient specialty areas and draws patients from all over the nation.

The Dallas VAMC campus includes a 571-bed inpatient facility. A new clinical addition opened in 1999 and houses the Dept of Pharmacy Services, ambulatory clinics, and Intensive Care Units. The VANTHCS has state of the art robotics in the pharmacy department and computerized medical information systems. The Department of Pharmacy Services includes 24 clinical pharmacists who provide pharmacy services in a variety of specialty areas.

The Fort Worth VA Outpatient Clinic is approximately 239,000-square foot located on a 24-acre site at I-20 and Campus Drive, south of downtown Fort Worth. This new clinical development is the largest leased space in the Department of Veterans Affairs and includes surgical procedure rooms and outpatient recovery rooms in a state-of-the-art facility with overall design characteristics representative of the Forth Worth area. Services include primary care, mental health, dental, ophthalmology, optometry, laboratory, radiology, audiology, non-sedative surgery, orthopedics, podiatry, social work, EKG, physical therapy, pharmacy, ENT, home based primary care, endoscopy, methadone clinic, and women's clinic, as well as CT, MRI and mammography services.
Dr. Chastain is an Assistant Professor in Primary Care with her practice site at the VA North Texas Health Care System (VANTHCS) at the Fort Worth Outpatient Clinic. Dr. Chastain focuses care in drug therapy management in the area of diabetes, hypertension, hyperlipidemia, heart failure, and coronary artery disease. Dr. Chastain has twice been recognized as DFW Preceptor of the Year (2008-2009, 2012-2013) by the students of TTUHSC SOP and has been honored to be a part of the P3 Teaching Team of the Year (2012-2013). She has also received the TTUHSC Alumni Recognition for Excellence in Leadership Award.

Dr. Chastain received her Bachelor of Science degree in Biology from Baylor University in 2001 and her Doctor of Pharmacy degree from the University of Houston College of Pharmacy in 2005. Dr. Chastain has since completed both a Pharmacy Practice and Primary Care Specialty Residency with the Veterans Affairs North Texas Medical Center and Texas Tech Health Sciences Center School of Pharmacy in Dallas, Texas from 2005-2007. She also earned her BCPS in 2007 and BCACP in 2012.

During residency, Dr. Chastain’s research interests included: pharmacy directed profiling among VANTHCS Ambulatory Care providers and evaluating the efficacy and safety of the use of ezetimibe in HIV-positive patients at VANTHCS. Dr. Chastain is an active member of National Lipid Association, American College of Clinical Pharmacy and Texas Society of Health System Pharmacists. Additionally, she is active in the local American Diabetes Association (ADA) where she has helped to organize/manage screenings at local diabetes expos and volunteered at a local ADA camps. She has served ACCP locally as the Membership Chair and Secretary/President-Elect and President of the DFW chapter. She has served nationally on the networking committee of the Endocrine & Metabolism PRN and is the 2013-2014 Secretary/Treasurer.
Katie Kaczmarski is currently a PGY2 Ambulatory Care specialty resident with Veterans Affairs North Texas Health Care System and Texas Tech University Health Science Center School of Pharmacy in Dallas, TX. Dr. Kaczmarski received her Doctor of Pharmacy degree Magna Cum Laude from St. Louis College of Pharmacy in May 2014. Additionally, Dr. Kaczmarski completed her ASHP accredited PGY1 residency with the University of Wisconsin School of Pharmacy Community Pharmacy Residency Program from July 2014 to June 2015, where her primary practice site was the Stockbridge-Munsee Health and Wellness Center – a tribal primary care clinic with outpatient pharmacy in rural Wisconsin. Dr. Kaczmarski also holds certifications as a certified asthma educator (AE-C) and as a certified tobacco treatment specialist (CTTS). Her practice areas of interest include mental health, smoking cessation, asthma/COPD, and cardiology. Dr. Kaczmarski is a member of American Society of Health System Pharmacists (ASHP), American Pharmacists Association (APhA), Rho Chi Honors Society, and Lambda Kappa Sigma pharmacy fraternity. In her spare time, she enjoys reading, watching Chicago Blackhawks hockey, live music, dancing, and spending time with friends and family.
Past Residents:


Dr. Quinones is a Medical Science Liaison at Bristol Myers Squibb. She received her Doctor of Pharmacy from the Texas Tech University Health Sciences Center School of Pharmacy in 2004. She completed a pharmacy practice residency at the Dallas VA Medical Center in 2005. Her residency project was the evaluation of first-line therapy for the treatment of hypertension using thiazide diuretics as recommended by JNC VII guidelines. Dr. Quinones was also the chief resident for the Dallas/Fort Worth residency programs during her PGY1 residency. After working at TTUHSC as an Assistant Professor for 2 years, Dr. Quinones transitioned to working as a Clinical Pharmacy Specialist at Parkland Health and Hospital Systems.

Lisa Chastain, Pharm.D., BCACP  (2006-2007)

Dr. Chastain is an Assistant Professor at Texas Tech UHSC School of Pharmacy and practices at the VA North Texas Health Care System in the Primary Care Outpatient Clinic in Fort Worth. She received her Bachelor of Science in Biology in 2001 from Baylor University and received her Doctor of Pharmacy in 2005 from the University of Houston College of Pharmacy. She completed her Pharmacy Practice Residency and Ambulatory Care Specialty Residency at the VA North Texas Healthcare System/ Texas Tech UHSC School of Pharmacy in Dallas. Her pharmacy practice residency project involved provider profiling and education at the Veterans Affairs North Texas Health Care System. Her ambulatory care residency project involved ezetimibe use in HIV+ patients with dyslipidemia. Dr. Chastain was also the chief resident for the Dallas/Fort Worth residency programs during her PGY2 residency.

Nicole (Russell) Lee, Pharm.D., CDE  (2007-2008)

Dr. Lee works at John's Pharmacy, an independent pharmacy, providing Medication Therapy Management service, Diabetes Education, and nursing home consultation. She precepts Pharm.D. students for the University of Missouri Kansas City, School of Pharmacy at her site. Dr. Lee received her Doctor of Pharmacy in 2006 from Midwestern University College of Pharmacy-Glendale. She completed a Pharmacy Practice Residency in 2006/07 at the University of New Mexico Hospitals in Albuquerque, New Mexico. Her ambulatory care residency project looked at combination therapy of thiazolidinedione and fibrates on HDL concentrations. Dr. Russell is an active member of American Association of Diabetes Educators, American Pharmacist's Association and a member of Phi Lambda Sigma.
Lauren Snodgrass, Pharm.D., BCACP (2008-2009)

Dr. Snodgrass is an Ambulatory Care Clinical Pharmacist at the Oklahoma City Veterans Affairs Hospital. She received her Bachelor of Science in Microbiology degree from the University of Oklahoma in 2003, and her Doctor of Pharmacy in 2007 from the University of Oklahoma Health Sciences Center. She completed a Pharmacy Practice Residency in 2008 and an Ambulatory Care Specialty Pharmacy Residency in 2009 at the VA North Texas Healthcare System/Texas Tech UHSC School of Pharmacy in Dallas.

Dr. Snodgrass’s Pharmacy Practice resident project was “Comparison of LDL-Lowering Effects in Patients Taking Ezetimibe 10mg and 5mg,” and her Ambulatory Care resident project involved examining effects of combined antiretroviral and atypical antipsychotic therapy on lipid and glucose metabolism. Dr. Snodgrass was also the chief resident for the Dallas/Fort Worth residency programs during her PGY2 residency. She is a member of the American Society of Health-System Pharmacists, the American College of Clinical Pharmacy, and the Rho Chi Honor Society.

Robert Rangel, Pharm.D., BCPS (2009-2010)

Dr. Rangel is a Clinical Pharmacy Specialist in Ambulatory Care with Presbyterian Medical Group in Albuquerque, NM. Dr. Rangel received his Doctor of Pharmacy in 2008 from the University of New Mexico College of Pharmacy. He completed a Pharmacy Practice Residency in 2008-2009 at The Brooklyn Hospital Center in Brooklyn, New York.

Dr. Rangel's pharmacy practice resident project was a “Pharmacist Intervention In the Management of Uncontrolled Hypertension”. Dr. Rangel then completed his PGY2 Ambulatory Care Residency with TTUHSC/VANTHCS. His ambulatory care resident project involved examining the safety and efficacy of ranolazine for the treatment of refractory angina in a veterans population. Dr. Rangel's practice interests include cardiology and diabetes. He is a member of the American Society of Health-System Pharmacists and the Rho Chi Honor Society.

Katura (Thomas) Bullock, Pharm.D BCPS (2009-2010)

Dr. Bullock is an Assistant Professor at University of North Texas College of Pharmacy. She received her Doctor of Pharmacy in 2008 from the Xavier University of Louisiana College of Pharmacy. She completed a Pharmacy Practice residency in 2009 and an Ambulatory Care specialty residency at the VA North Texas Health Care System/Texas Tech University Health Sciences Center School of Pharmacy in Dallas.

Dr. Thomas’s pharmacy practice resident project was an “Evaluation of Dihydropyridine Calcium Channel Blockers on Risk of Alzheimer's Disease”. Her ambulatory care resident project involves examining race as a factor for intensification of diabetes medications. Dr. Thomas actively participates in several professional organizations, including the Dallas/Fort Worth chapter of the American College of Clinical Pharmacy, Kappa Psi Pharmaceutical Fraternity, Inc. and the Rho Chi Honor Society.

Leena Deshpande, Pharm.D., BCACP (2010-2011)

Dr. Deshpande is a Clinical Pharmacy Specialist in Ambulatory Care at The Johns Hopkins Hospital in Baltimore, MD. She received her Bachelor of Science degree in Human Biology from the University of Texas at Austin in May 2005. She went on to pursue her Doctor of Pharmacy degree from Midwestern University – Chicago College of Pharmacy, graduating with honors in March 2009.

She completed her PGY1 Pharmacy Practice Residency and PGY2 Ambulatory Care Residency at the Veterans Affairs North Texas Health Care System and Texas Tech University Health Sciences Center School of Pharmacy in Dallas, TX. Her professional interests include chronic disease state management with a focus on diabetes, hypertension, dyslipidemia, and cardiovascular disease. Dr. Deshpande’s PGY2 residency research project focused on
investigating the impact of patient weight on antihypertensive drug responsiveness, specifically with the angiotensin converting enzyme inhibitor Lisinopril. Dr. Deshpande is currently a member of the American Society of Health-System Pharmacists and the American College of Clinical Pharmacy. During her spare time, she enjoys traveling, reading, and spending time with her family and friends.

**Anjali Patel, Pharm.D., BCPS (2010-2011)**

Dr. Patel is a Clinical Pharmacy Specialist at the North Texas VA Health Care System working in the areas of Infectious Diseases/Hepatitis C. She received her Doctor of Pharmacy degree from The University of Texas at Austin in May 2009, graduating with University Honors. She completed a Pharmacy Practice Residency (2009-2010) and Ambulatory Care Residency (2010-2011) at the Veterans Affairs North Texas Health Care System and Texas Tech Health Sciences Center School of Pharmacy in Dallas, Texas. Dr. Patel’s pharmacy practice residency project focused on the safety and efficacy of rosvastatin in HIV patients receiving NNRTI-based HAART therapy and her ambulatory care residency project focused on evaluating the effect of weight on drug responsiveness of simvastatin with respect to lipid lowering capacity. Her practice interests include HIV, diabetes and lipid management. She is currently a member of the American Society of Health-System Pharmacists and the American College of Clinical Pharmacy. During her free time, she enjoys traveling, watching movies, and spending time with family and friends.

**Crystal (Rendon) Brown, Pharm.D., BCPS (2011-2012)**

Dr. Brown is an Assistant Professor at Texas Tech UHSC School of Pharmacy and practices at the VA North Texas Health Care System in the Primary Care Outpatient Clinic in Dallas. Dr. Rendon received her Doctor of Pharmacy from TTUHSC SOP in May 2010, and then completed her Pharmacy Practice Resident VANTHCS. Her current residency project is focused on the safety and efficacy of ranolazine therapy in veteran patients.

Dr. Brown was the Dallas-Fort Worth/Abilene Chief Resident for TTUHSC SOP. She also is currently a member of the American Society of Health-System Pharmacists (ACCP), the American Pharmacists Association, Kappa Psi Pharmaceutical Fraternity, American College of Clinical Pharmacy and the Dallas-Ft. Worth ACCP Chapter where is she is one of the resident liaisons. Her professional interests include outpatient pharmacy practice with a focus on chronic disease state management of patients with diabetes, hypertension, dyslipidemia and cardiovascular disease. During her free time, she enjoys spending time with close friends and family, mixed martial arts, sports, music, and anything arts/crafts.

**Athena Huang, Pharm.D. BCACP (2012-2013)**

Dr. Huang is an Ambulatory Care Clinical Specialist at Memorial Hermann in Houston, TX. She graduated from the University of Houston College of Pharmacy and completed her Pharmacy Practice Residency at Parkland Health & Hospital System and her PGY-2 at TTUHSC. Her residency project was focused on evaluating the impact of ambulatory care clinical pharmacy providers on patient outcomes. She is currently a member of the American Society of Health-System Pharmacists, American College of Clinical Pharmacy (ACCP), and the Dallas-Fort Worth ACCP Chapter. In her free time, she enjoys spending time with friends and family, cooking, trying new foods, and reading.
Hiral Patel, Pharm.D.  BCACP (2012-2013)

Dr. Patel is a Clinical Pharmacist in Anticoagulation/Chronic Disease Management at Advocate Medical Group in Chicago, IL. She completed her PGY2 Ambulatory Care specialty resident at Veterans Affairs North Texas Health Care System (VANTHCS) & Texas Tech University Health Sciences Center School of Pharmacy (TTUHSC-SOP) in July 2013. Dr. Patel is originally from Louisville, Kentucky. She received her Doctor of Pharmacy from St. Louis College of Pharmacy in May 2011, and then completed her Pharmacy Practice Residency at Jesse Brown Veterans Affairs in Chicago, Illinois. She is currently a member of the American Society of Health-System Pharmacists, the American Pharmacists Association, Lambda Kappa Sigma Pharmaceutical Fraternity, and the Dallas-Ft. Worth American College of Clinical Pharmacy chapter. During her free time, she enjoys spending time with her friends and family, being outdoors, cooking, traveling, and working on do it yourself projects.

Christyn Mullen, Pharm.D., BCACP (2013-2014)

Dr. Mullen is a Clinical Pharmacy Specialist at the North Texas VA Health Care System at Polk Street Clinic. She received her Doctor of Pharmacy degree from Howard University College of Pharmacy in Washington, DC in May 2012. Last year, Dr. Mullen completed her Pharmacy Practice Residency at the Veterans Affairs North Texas Health Care System & TTUHSC School of Pharmacy. Her residency research project will assess rates of smoking cessation within a multimodal group intervention in a Veterans’ Affairs Medical Center. She is currently a member of the American Society of Health-System Pharmacists (ASHP), the American College of Clinical Pharmacy (ACCP), the American Pharmacists Association (APhA), Kappa Psi Pharmaceutical Fraternity, Inc., and Phi Lambda Sigma Honor Society. During her spare time, she loves to play volleyball, spend time with friends and try new foods.

Brian Terrell, Pharm.D., BCACP (2013-2014)

Dr. Terrell is an Assistant Professor of Pharmacy Practice in Ambulatory Care with Texas Tech University Health Sciences Center (TTUHSC) School of Pharmacy in Abilene, TX and practices at Dyess Air Force Base. He graduated from Angelo State University with a B.S. in Biochemistry, received his Doctor of Pharmacy degree from Texas Tech University Health Sciences Center in May 2012 and completed his PGY-1 residency at TTUHSC SOP Abilene/Hendrick Medical Center in 2013. His research interests include patient outcomes in pharmacist managed chronic disease states and pharmacy education. Dr. Terrell is currently a member of the American Society of Health System Pharmacists (ASHP), TSHP, MSHP, WTSHP, ACCP and Rho Chi Honor Society. In his spare time, he enjoys reading, live music, and spending time with family and friends.
Barakha Yadav (2014-2015) is an ambulatory care specialist at Trinity Mother Frances Health Care System in Tyler, Texas. Dr. Yadav received her Doctor of Pharmacy degree from TTUHSC School of Pharmacy in May 2013 and completed a PGY1 Pharmacy Practice Residency with TTUHSC SOP in Lubbock, TX. Her interests include ambulatory care, disease management, and transitional care. Dr. Yadav is a member of the American Pharmacists Association, the American Society of Health-System Pharmacists, and American College of Clinical Pharmacy. During her free time, Dr. Yadav enjoys boxing, outdoor activities, live music, country dancing, and good times with friends. She one day hopes to travel the world.
Core Pharmacy Preceptors:

**April Allen, Pharm.D., CACP**  
Clinical Pharmacy Specialist  
Practice Site: VA North Texas Health Care System  
Dallas Ambulatory Care Outpatient Clinics - Anticoagulation

Dr. Allen is a Clinical Pharmacy Specialist in Anticoagulation at the Dallas VA Medical Center. Dr. Allen received her Doctor of Pharmacy degree from the University of Tennessee in 2002. She completed a Pharmacy Practice with Ambulatory Care Emphasis Residency at the Regional Medical Center in Memphis, Tennessee in 2003. She was faculty with Texas Tech UHSC School of Pharmacy from 2004 to 2011 in the primary care division working at the Dallas VA Medical Center in the Ambulatory Care Clinics and Protime Clinic. Dr. Allen’s primary interests are anticoagulation, diabetes, hypertension, and hyperlipidemia.

**Crystal Rendon Brown, Pharm.D., BCPS**  
Assistant Professor of Pharmacy Practice – Ambulatory Care  
Practice Site: VA North Texas Health Care System  
Dallas Ambulatory Care Outpatient Clinics  
Hypertension Shared Medical Appointment

Dr. Brown is an Assistant Professor at Texas Tech UHSC School of Pharmacy and practices at the VA North Texas Health Care System in the Primary Care Outpatient Clinic in Dallas. Dr. Rendon received her Doctor of Pharmacy from TTUHSC SOP in May 2010, and then completed her Pharmacy Practice Resident VANTHCS. Her current residency project is focused on the safety and efficacy of ranolazine therapy in veteran patients.

Dr. Brown was the Dallas-Fort Worth/Abilene Chief Resident for TTUHSC SOP. She also is currently a member of the American Society of Health-System Pharmacists (ACCP), the American Pharmacists Association, Kappa Psi Pharmaceutical Fraternity, American College of Clinical Pharmacy and the Dallas-Ft. Worth ACCP Chapter where is she is one of the resident liaisons. Her professional interests include outpatient pharmacy practice with a focus on chronic disease state management of patients with diabetes, hypertension, dyslipidemia and cardiovascular disease. During her free time, she enjoys spending time with close friends and family, mixed martial arts, sports, music, and anything arts/crafts.

**Krystal L. Edwards, Pharm.D., FCCP, BCPS**  
Associate Professor of Pharmacy Practice  
Specializing in Ambulatory Care  
Practice Site: North Texas Specialty Physicians Group  
Fort Worth Ambulatory Care Outpatient Clinic

Dr. Edwards is an Associate Professor in the Ambulatory Care Division on the Dallas/Fort Worth Campus. Dr. Edwards completed her Pharmacy Practice Residency at Baptist Memorial Healthcare in Memphis, Tennessee and a Specialty Residency in Primary Care Pharmacy Practice at the University of Tennessee Medical Center in Knoxville, Tennessee. She became a Board Certified Pharmacotherapy Specialist (BCPS) in December 2003. She was inducted as Fellow of the American College of Clinical Pharmacy in October of 2012. Dr. Edwards started the Dallas/Fort Worth PGY2 Ambulatory Care Specialty Residency and was the residency program director from 2005 to 2012. Dr. Edwards currently practices at a Health-E-Care clinic in Fort Worth. There, she actively participates in managing patients in the areas of diabetes, hypertension, heart failure, coronary artery disease, and hyperlipidemia. Dr. Edwards has provided presentations at local, state, and national professional pharmacy meetings. She has been an invited lecturer at several pharmacy schools in Japan and Thailand and was a keynote speaker at the 1st Annual Meeting of the Japan Pharmaceutical and Diabetes Society in Tokyo, Japan last fall. She is currently active and has held several leadership positions in several local, state, and national professional pharmacy organizations along with working with the local American Diabetes Association.