



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

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**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)
- Management/Clinical Enhancement (1/2 day per week, 12 months)
- North Texas Specialty Physicians (1/2 day per week x 6 months OR 1 Full day per week x 3 months)
- Pediatric Diabetes Camp (1 week in June)
- Academic: research project development / administrative Time (1 to 2 ½ days a week)

### Elective Rotations

- Anticoagulation Clinic (pharmacist precepted)
- Diabetes Clinic: Adult (multidisciplinary clinic, physician precepted)
- GI Clinic: Hepatitis C (multidisciplinary clinic, pharmacist precepted)
- Geriatrics Clinic (multidisciplinary clinic, pharmacist precepted)
- Hematology/Oncology Outpatient Clinic (multidisciplinary clinic, pharmacist precepted)
- HIV Outpatient Clinic (multidisciplinary clinic, pharmacist precepted)
- Mental Health Clinic (pharmacist precepted)
- Physical Medicine & Rehabilitation (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

One semester equivalent as a group facilitator in problem-based learning course. The course is a student directed exercise which focuses on pharmaceutical care for an individual patient or patient population. It is designed to be a problem-based learning experience and the facilitator's role is not to teach the students, but rather to facilitate their discussion. During the semester, the 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 rotations (P3 students).

### **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.

### **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.

### **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.

### **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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### **Program Leadership:**



**Lisa Chastain, Pharm.D., BCACP**

Associate Professor of Pharmacy Practice

Ambulatory Care Division

Practice Site: VA North Texas Health Care System

Fort Worth Ambulatory Care Outpatient Clinic

Dr. Chastain is an Associate Professor in Ambulatory 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 on two occasions (2012-2013, 2016-2017). She has also received the TTUHSC Alumni Recognition for Excellence in Leadership Award and currently serves as the TTUHSC Faculty Senate President (2018-2019).

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 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.