

PGY2 Ambulatory Care Pharmacy Residency

Program Director: Les Covington, Pharm.D., BCACP, BCPS, BCGP

Purpose: PGY2 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and PGY1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas of practice. PGY2 residencies provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care that improves medication therapy. Residents who successfully complete an accredited PGY2 pharmacy residency should possess competencies that qualify them for clinical pharmacist and/or faculty positions and position them to be eligible for attainment of board certification in the specialized practice area (when board certification for the practice area exists).

Description: This 12-month program is designed to prepare its resident to assume a position in ambulatory care practice and as an assistant professor at a college of pharmacy. By the end of the program, the resident will have mastered the core competencies and be prepared to take the BCACP exam. The resident's training will primarily occur at the Texas Tech Family Medicine outpatient clinic with experiences in chronic disease state and pain management, precepting of 3rd and 4th year pharmacy students, and clinical and implementation research. The resident will also be responsible for developing and implementing a quality improvement project targeting ACO-related quality metrics.

Required Learning Experiences

- Orientation
- Pediatrics Ambulatory Care
- VA Ambulatory Care
- Family Medicine Teaching
 - Elective Teaching Certificate Program
- Geriatrics Ambulatory Care
- Internal Medicine Ambulatory Care
- Family Medicine Pharmacotherapy Clinic
- Research Project
- Teaching Longitudinal Fall
- Teaching Longitudinal Spring

Elective Learning Experiences

- Academia
- Correctional Managed Health Care
- Family Medicine Administrative

Qualifications

- Doctor of Pharmacy degree
- Eligible for licensure in Texas
- Completed PGY1 Pharmacy residency



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| AMBULATORY CARE RESIDENCY SCHEDULE | | | | | | |
|------------------------------------|---|------------|---------------------------|---------|-------------|----------|
| Fall 2020 | July | August | September | October | November | December |
| Rotation | Orientation | Pediatrics | VA Pharmacotherapy Clinic | | FM Teaching | |
| Preceptor | Covington | Parker | Johnson | | Covington | |
| Clinic | Family Medicine clinic - longitudinal (1 half-day/week) | | | | | |
| Teaching | Applied Patient Care Lab (2 half-days/week) | | | | | |

| AMBULATORY CARE RESIDENCY SCHEDULE | | | | | | |
|------------------------------------|--|------------|--------------|------------|-------------|------|
| Spring 2021 | January | February | March | April | May | June |
| Rotation | FM Teaching | Geriatrics | Internal Med | Elective I | Elective II | |
| Preceptor | Covington | Frost | Basinger | | | |
| Clinic | Family Medicine clinic - longitudinal (1 half-day/week) | | | | | |
| Teaching | Patient Assessment (1 half-day/week) & Clinical Correlations (1 half-day/week) | | | | | |

Required Learning Experiences

Orientation: This required, one-month rotational experience provides general orientation and training for the resident covering key aspects of residency program structure including accreditation standards, designated learning experiences, evaluation methods, policies and procedures, and skills necessary for successful transition into a PGY2 residency. The resident will also participate in leadership development and teaching orientation activities. Orientation to the resident research project will also take place during this time, but will be part of the Research Project longitudinal experience. *Preceptor: Les Covington, Pharm.D.*

Pediatrics: This required 4 week, rotational experience (4-5 half days per week) focuses on developing knowledge and skills related to the delivery of comprehensive care to pediatric ambulatory care patients. The experience will build pharmaceutical care skills in the ambulatory care setting, including communication, patient assessment, problem-solving, and documentation. The experience will provide content experience for medical conditions commonly seen in pediatric ambulatory care patients, especially endocrinology. The resident will have the opportunity to provide continuity of care, interact with students and other health care providers, and care for patients with complex medical problems. *Preceptor: Thomas Parker, Pharm.D.*

***VA Ambulatory Care:** This required 8-10 week (5 half days per week) extended learning experience focuses on developing knowledge and skills related to the delivery of comprehensive care to patients in the Veterans Affairs' ambulatory care clinics. The experience will build pharmaceutical care skills in the ambulatory care setting, including communication, patient assessment, problem-solving, and documentation. The rotation will provide content experience through practice in a variety of clinic settings. The resident will have the opportunity to interact with students and other health care providers. *Preceptor: Christine Johnson, Pharm.D.*

Family Medicine Teaching: This is a required, 12 week extended learning experience (5 half-days per week) that focuses on developing precepting skills while precepting multiple P3 students in a Family Medicine outpatient clinic. Upon completion of this experience, the resident will demonstrate the ability to provide an introductory pharmacy practice experience for third-year pharmacy students while providing direct patient care. The resident will effectively assess and provide feedback to the student and will identify solutions to problems commonly faced by preceptors. The resident will also incorporate the 4 preceptor roles within this experience. The resident will extend their knowledge and practice skills by identifying a new group of required disease states for development. Residents should focus on both general review of the disease states and depth of understanding through review of primary literature. The resident will continue to grow in practice leadership through improved efficiency of patient care delivery and by effectively balancing multiple responsibilities. *Preceptor: Les Covington, Pharm.D.*

Geriatrics: This is a required 4 week, rotational learning experience (5 half days per week) that focuses on the development of general knowledge and skills related to the delivery of comprehensive care to geriatric patients with both medical and psychiatric conditions. The experience will build patient care skills in the long-term care environment and consultative services, including communication, patient assessment, problem-solving, and documentation. The experience will enhance content knowledge and skills related to medical and psychiatric conditions commonly seen in geriatric patients and will provide opportunities for continuity of care, interaction with students and other health care providers, and care of patients with complex medical problems. *Preceptor: Jill Frost, Pharm.D.*

***Internal Medicine:** This is a required 4-6 week, rotational learning experience (~5 half-days per week) that focuses on developing knowledge and skills related to providing comprehensive medication management (CMM) for patients in an outpatient clinic setting. The experience will continue to build up pharmaceutical care skills in the ambulatory care setting, including communication, patient assessment, problem-solving, and documentation. The resident will have the opportunity to provide continuity of care, interact with students and other health care providers, and care for patients with complex medical problems in an internal medicine environment. *Preceptor: Rachel Basinger, Pharm.D.*

Family Medicine Pharmacotherapy Clinic: This is a required 12 month, longitudinal learning experience (1-2 half-days per week) that focuses on developing knowledge and skills related to providing comprehensive medication management (CMM) for patients in an outpatient clinic setting. The experience will build pharmaceutical care skills in the ambulatory care setting, including communication, patient assessment, problem-solving, and documentation. The resident will have the opportunity to provide continuity of care, interact with students and other health care providers, and care for patients with complex medical problems. The resident will also experience billing for pharmacist's services and have the opportunity to develop a new pharmacy service. *Preceptor: Eric MacLaughlin, Pharm.D.*

Research Project: This required 12 month, longitudinal experience incorporates step-wise learning and development activities that culminate in completion of a major research project. The resident will utilize the support of the preceptor(s) and/or an experienced project advisor assigned based on research area. The resident participates in all steps of the research project, from conception to publication. The resident will present the results of their project as a poster at a regional or national meeting, a platform at the regional residency conference, and the TTUHSC School of Pharmacy Annual Research Days. The resident must submit the completed project for publication in a peer-reviewed journal. *Preceptor: Les Covington, Pharm.D.*

Teaching Longitudinal Fall – Applied Patient Care Lab: This is a required, 5-month longitudinal teaching experience that focuses on the development of knowledge, skills, and abilities used to provide hands-on laboratory teaching to pharmacy students. Upon completion, the resident will demonstrate ability to lead hands-on laboratory sessions to teach students about key foundational elements of the patient care process. *Preceptor: Jill Frost, Pharm.D.*

Teaching Longitudinal Spring – Patient Assessment Lab & CC6: This is a required, 5-month longitudinal teaching experience that focuses on the development of knowledge, skills, and abilities for pharmacy students in both the laboratory and team-based learning environments. Upon completion, the resident will demonstrate ability to lead hands-on laboratory sessions to teach students about key foundational elements of patient assessment. The resident will also demonstrate the ability to facilitate groups of students through the application of foundational knowledge via patient cases and other clinical scenarios. *Preceptor: Jill Frost, Pharm.D.*

Elective Learning Experiences

Academia: This is an elective, 4 week rotational learning experience that exposes the resident to the full complexity of a non-tenure track pharmacy practice faculty career. The schedule will be variable due to academic-related activities and meetings scheduled at convenience of faculty; however, activities and meetings will occur during normal business hours and in total will not constitute more than 5 half-days per week. The resident will participate in course management, lecture development, and exam writing and performance analysis of exams across distant campuses. In addition to teaching, the resident will be exposed to other aspects of academia such as school/professional service, expectations for faculty scholarship, and faculty governance. *Eric MacLaughlin, Pharm.D.*

Correctional Managed Health Care: This elective, 4 week (4-5 half days per week) rotational learning experience focuses on developing knowledge and skills related to the delivery of comprehensive ambulatory care to adult offenders incarcerated in Texas state prisons. The experience will build pharmaceutical care skills in the ambulatory care setting, including communication, patient assessment, problem-solving, and documentation. The resident will have the opportunity to interact with other health care providers. *Preceptor: Levi Campbell, Pharm.D.*

Family Medicine Administrative: This is an elective, 4 week rotational learning experience that exposes the resident to the administrative—or non-direct patient care—responsibilities of an ambulatory care pharmacist. The schedule will be variable due to the non-structured nature of project activities and meetings scheduled at convenience of faculty and staff; however, activities and meetings will not constitute more than 5 half-days per week. The resident will participate in clinic faculty and committee meetings and meet with key members of the clinic administration for development of policies and procedures. *Preceptor: Les Covington, Pharm.D.*

**The length of certain learning experiences may vary by 1-2 weeks per calendar year due to changes in the TTUHSC School of Pharmacy academic calendar. Exact length of learning experience will be set at the beginning of each residency year.*