



Wisdom for Your Life.

# Pharmacy Residency Programs



[UTMedicalCenter.org](http://UTMedicalCenter.org)

# Overview

The University of Tennessee Medical Center is a 609-bed, acute care, teaching hospital. It serves the entire East Tennessee region, providing all general and specialty clinical services and carries a Level I trauma center designation, supported by an aeromedical helicopter program. The medical center campus includes the UT Graduate School of Medicine and the UT College of Pharmacy.

The pharmacy staff provides comprehensive pharmaceutical care 24-hours-a-day, seven-days-a-week, through decentralized pharmacist teams supported by pharmacist specialists in a wide variety of clinical areas. Additionally, there are satellite pharmacies in the operating room and oncology areas, as well as a full-service retail pharmacy, University Pharmacy. Ambulatory care is provided via specialty services to the patients in the Family Medicine Clinic, Cystic Fibrosis Clinic, and the Renal Transplant Clinic among others.

## Residency Program Mission

To develop pharmacy leaders through a personalized approach within an integrated practice model and collaboration in discovery, education, and patient care.

## Department of Pharmacy Mission

To ensure positive drug therapy outcomes for our patients and contribute to achieving the objectives of the Medical Center by:

- Ensuring safe and effective use of medication through integration of multiple disciplines
- Attracting and retaining highly qualified and motivated staff
- Educating and developing future leaders in healthcare professions

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# Application Requirements

Please utilize PhORCAS system for submitting the required application materials. ([www.ashp.org/phorcas](http://www.ashp.org/phorcas))

Application Requirements Include:

- Letter of intent
- Curriculum vitae
- Three letters of recommendation (please utilize PhORCAS form)
- College of pharmacy transcripts

Please note that all pharmacy residency programs require active membership in ASHP. PGY2 pharmacy residency programs require a previous ASHP-accredited PGY1 pharmacy residency. See program description for program director contact information.

## Fringe Benefits

Benefits include comprehensive health insurance, educational leave, travel allowances, and other university related benefits.



## Life in Knoxville

Knoxville is settled in the foothills of the Great Smoky Mountains National Park. The area is famous for its fall colors and beautiful mountain scenery. Directly across the river from the medical center is the University of Tennessee, which offers excellent educational advantages as well as top sporting and entertainment events throughout the year. Knoxville is also noted for many cultural activities including ballet, opera, symphony, and a community supported art museum. Knoxville is widely known for its ability to combine metropolitan conveniences with nearby rural charm.

## Application deadline for all residency programs is January 5th

All application materials are submitted through PhORCAS at [www.ashp.org/phorcas](http://www.ashp.org/phorcas)

### For scheduling interviews, please contact:

Lisa Estes, Administrative Assistant

phone: 865-305-9124

fax: 865-305-8242

email: [lgestes@utmck.edu](mailto:lgestes@utmck.edu)



# PGY1 Pharmacy Residency

(6 positions/year)

## Purpose and Outcomes

Pharmacists completing the PGY1 pharmacy residency will be prepared to practice as clinical pharmacists in a variety of patient care settings, qualify for adjunct faculty positions at a college of pharmacy, and pursue PGY2 or fellowship training in their area of choice. They will have demonstrated competency as evidenced by their ability to:

- Manage and improve the medication-use process
- Provide evidence-based, patient-centered medication therapy management with interdisciplinary teams
- Exercise leadership and practice management skills
- Demonstrate project management skills
- Provide medication and practice-related education/training
- Utilize medical informatics
- Participate in the management of medical emergencies

The Pharmacy Resident Teaching and Learning Certificate Program is available for all PGY1 and PGY2 residents through the University of Tennessee College of Pharmacy, located on the hospital campus.

The goal of the program is to provide pharmacy residents with a structured educational program that can serve as the foundation for future development as a full- or part-time faculty member. Not only will residents be given content information, they will be provided with opportunities to further develop and apply the knowledge and skills acquired during the program under the guidance and supervision of a mentor.



## Description

This program is a one year ASHP-accredited residency designed to allow pharmacists to develop strong foundational pharmacotherapy, operational, and practice management skills enabling them to progress towards personal goals. PGY1 residents will refine these skills via a well-established integrated clinical practice model. Required rotations and experiences include: internal medicine (available experiences include pulmonology, gastroenterology, and hospital medicine), women and infants medicine, family medicine, critical care medicine selective (critical care medicine or critical care trauma), practice management, hospital pharmacy practice, drug information/drug use policy, student precepting, and the completion of a project. Electives include: infectious disease, oncology, transplant, neurology, nephrology, cardiology, night-shift medicine, emergency medicine, transitional care, and completion of a teaching certificate.

**For additional information,** contact the PGY1 Pharmacy Residency Program Director: John Yates, Pharm.D., BCPS at (865) 305-3711 or email [JRYates@utmck.edu](mailto:JRYates@utmck.edu)

# PGY2 Pharmacy Residency in Critical Care

(1-2 positions/year)

## Purpose and Outcomes

The purpose of the UTMC PGY2 Critical Care Residency is to prepare critical care pharmacy specialists who are qualified for trauma/surgical critical care, medical critical care, neurocritical care, and emergency medicine positions as well as clinical faculty appointments at a college of pharmacy. It will also position graduates to be eligible for attainment of board certification in critical care. They will have achieved advanced competencies in critical care as evidenced by their ability to:

- Demonstrate leadership and practice management skills
- Optimize the outcomes of critically ill patients by providing evidence-based medication therapy as an integral part of an interdisciplinary team
- Demonstrate excellence in the provision of training, including preceptorship, or educational activities for health care professionals and health care professionals in training
- Demonstrate the skills necessary to conduct a critical care pharmacy research project
- Participate in the management of medical emergencies

The University of Tennessee Medical Center is renowned for six Centers of Excellence, as well as physicians and team members whose unmatched passion for their work challenges each of them to serve through healing, education and discovery.

- Advanced Orthopaedic Center
- Brain and Spine Institute
- Cancer Institute
- Center for Women and Infants
- Emergency and Trauma Center
- Heart Lung Vascular Institute



## Description

This residency program is a one year ASHP-accredited residency designed to build on the foundational skills gained during the PGY1 residency year. Residents will refine their skills in the critical care environment via a well-established integrated clinical practice model with increased autonomy and responsibility for managing patient care practice and overseeing pharmacy students and PGY1 residents. The University of Tennessee Medical Center is a Level I trauma center for adults and children. Critical care trauma, critical care medicine, emergency medicine, neurocritical care, infectious diseases, metabolic support, academia, and completion of a project are required components. In addition, completion of the Teaching and Learning Program is required if one was not completed during the PGY-1 residency year. Elective experiences include cardiovascular critical care, neonatology, nightshift medicine, and transplant medicine. Completion of an ASHP-accredited PGY1 residency is required.

**For additional information,** contact the PGY2 Critical Care Program Director: James C. McMillen, Pharm.D., M.B.A., BCPS at (865) 305-7534 or email [jmcmillen@utmck.edu](mailto:jmcmillen@utmck.edu)

# PGY2 Pharmacy Residency in Internal Medicine

(1-2 positions/year)

## Purpose and Outcomes

Pharmacists completing the PGY2 pharmacy residency in internal medicine will be prepared for clinical pharmacy specialist positions with the ability to qualify for faculty positions at a college of pharmacy. They will have achieved advanced competencies in internal medicine as evidenced by their ability to:

- Serve as an authoritative resource on the optimal use of medications
- Optimize the outcomes of internal medicine patients by providing evidence-based, patient-centered medication therapy as an integral part of an interdisciplinary team
- Demonstrate excellence in the provision of training and educational activities for health care professionals and health care professionals in training
- Demonstrate leadership and practice management skills
- Contribute to the body of pharmacy knowledge in internal medicine
- Evaluate, manage, and improve the medication-use process
- Demonstrate skills required to function in an academic setting
- Contribute to the organization's management of emergency situations
- Demonstrate additional skills that contribute to practicing effectively in the health care environment



### Description

This program is a one year ASHP-accredited residency designed to build on the foundational skills gained during the PGY1 residency year. Residents will refine their skills in the internal medicine environment via a well-established integrated clinical practice model with increased autonomy and responsibility for managing patient care practice and overseeing pharmacy students and PGY1 residents. Internal medicine (house staff and hospitalist), critical care medicine, transitional care, infectious diseases, one medicine sub-specialty, drug policy, and completion of a project are required components. Elective experiences include nephrology, transplant, cardiology, family medicine, administration, night shift medicine, hematology/oncology, neurology, and emergency medicine. Completion of an ASHP accredited PGY1 residency is required.

**For additional information,** contact the PGY2 Internal Medicine Program Director: Laura Bullock, Pharm.D., BCPS at (865) 305-9124 or email [lbullock@utmck.edu](mailto:lbullock@utmck.edu)



# 24–Month Pharmacy Residency in Pharmacotherapy

(1 position/year of the program)

## Purpose and Outcomes

Pharmacists completing the 24-month pharmacy residency in pharmacotherapy will be prepared for a career as a clinical pharmacy specialist caring for diverse inpatient and outpatient populations with the ability to qualify for faculty positions at a college of pharmacy. They will have achieved advanced competencies in a variety of patient settings and academia as evidenced by the following:

- Manage and improve the medication-use process
- Demonstrate leadership and practice management skills
- Demonstrate project management skills
- Optimize the outcomes of diverse populations of inpatients and outpatients with varied and complex health care problems through expert provision of evidence-based, patient-centered medication therapy as an integral part of an interdisciplinary team
- Serve as an authoritative resource on the optimal use of medications
- Participate in the management of medical emergencies
- Demonstrate excellence in the provision of training and educational activities for healthcare professionals, healthcare professionals in training and the public
- Contribute to the body of pharmacotherapy knowledge
- Demonstrate skills required to function in an academic setting



### Description

This program is a 24-month residency designed to allow the pharmacist to develop strong foundational pharmacotherapy, operational, practice management and academic skills enabling them to progress towards personal goals. Residents will practice with an increasing level of autonomy and responsibility for managing patient care practices as well as overseeing pharmacy students and residents as the years progress. Teaching, writing, and research skills will be enhanced to prepare for a faculty position. Required components of the program include family medicine, ambulatory care, critical care medicine, transplant medicine, oncology, infectious disease, academia, practice management, drug information/drug use policy, hospital pharmacy practice and the completion of a project. Additional requirements include the completion of a teaching certificate program with opportunities for didactic, small-group, and case-based teaching. Multiple inpatient and outpatient opportunities are available as elective experiences.

**For additional information**, contact the Pharmacotherapy Program Director: Andrea Franks, Pharm.D., BCPS at (865) 974-2357 or email [afranks@uthsc.edu](mailto:afranks@uthsc.edu)



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## Department of Pharmacy

[UTMedicalCenter.org/pharmacy](http://UTMedicalCenter.org/pharmacy)

**All application materials are submitted through PhORCAS  
at [www.ashp.org/phorcas](http://www.ashp.org/phorcas)**

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