

**University of Virginia Health
Department of Pharmacy Services
PGY-2 Emergency Medicine Pharmacy Residency Program**

UNIVERSITY OF VIRGINIA HEALTH

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RESIDENCY PROGRAM

Type/Duration: 12 month/full-time residency
Number of Positions: 1
Application Deadline: Received by January 2, 2024
Starting Date: July 1, 2024
Estimated Stipend: \$60,086 (stipends may vary each year and are inclusive of funds to support residency-related travel)
Interview Required: Yes

PGY2 Purpose: PGY2 residency programs build upon Doctor of Pharmacy (PharmD) education and PGY1 pharmacy residency training to develop pharmacist practitioners with knowledge, skills, and abilities as defined in the educational competency areas, goals, and objectives for advanced practice areas. Residents who successfully complete PGY2 residency programs are prepared for advanced patient care or other specialized positions, and board certification in the advanced practice area, if available.

Special Features: UVA Health is a 671-bed, large academic medical center located in Charlottesville, VA. The Emergency Department (ED) expansion opened Fall 2019 and boasts a 70-bed, 45,000 ft² state of the art facility caring for over 60,000 patients per year.

The UVA Emergency Department is covered by a clinical pharmacist 24/7/365 in a state of the art Emergency Department (opened in October 2019). UVA Health is a regional teaching and referral center offering a broad range of specialty services and supporting national recognized schools of medicine and nursing.

This residency provides opportunities for clinical pharmacy practice in a variety of Adult intensive care units, the emergency department, and pediatric intensive care unit in a large Academic medical center. Additionally, we are a training site for schools of pharmacy and offer opportunities to assist in the precepting of both students and PGY1 residents.

Fringe Benefits: Health, dental, vision, and liability insurance; up to 15 days of vacation/holiday leave, 14 sick days, and 5 interview days.

Application Requirements:

- Doctor of Pharmacy degree from an ACPE-accredited school of pharmacy
- ASHP accredited PGY1-Pharmacy Residency
- Virginia licensure by October 1st, 2024
- Letter of intent
- School of Pharmacy transcript
- Curriculum vitae
- Three letters of recommendation
 - PGY1 RPD
 - Preceptor from Emergency Medicine
 - Other pharmacy preceptor of choice

Training site: The UVA department of pharmacy has over 300 team members who practice in various areas ranging from administration and business services, clinical inpatient care, and ambulatory settings. The inpatient hospital pharmacy provides decentralized dispensing and clinical services to an average daily census of 528 patients. Sterile compounding for patients occurs in a newly renovated state-of-the-art IV clean room. The department operates numerous pharmacist-run outpatient clinics, several outpatient dispensing pharmacies, a specialty pharmacy, mail order, and home infusion services. The entire department has extensive technology and automation to provide innovative and safe care. Recent outpatient pharmacy, outpatient surgical services with associated pre and post-op clinical pharmacy care, and community hospital expansion has allowed UVA to provide pharmacy services to an increased number of patients throughout the state.

In addition, the department has greater than 90 pharmacy student and resident preceptors serving our 12 ASHP-accredited residency programs as well as introductory and advanced experiential education of pharmacy students from Virginia Schools of Pharmacy

PROGRAM STRUCTURE

The 2024-2025 PGY2-Emergency Medicine Pharmacy Residency will begin on July 1, 2024 and end on June 30, 2025. **The orientation rotation is a Required 3 week experience.** Mandatory house-staff orientation through graduate medical education (GME) will take place in the beginning of July 2024. During the month of July residents complete onboarding activities and rotate through various Pharmacy Department areas to develop skills required for the provision of pharmacy services provided by the department. These services include decentralized pharmacy service, inpatient pharmacy, and centralized intravenous admixture. Additionally, residents will undergo competency evaluations in select areas such as the cardiac arrest program, various clinical topics, aseptic technique, and the electronic medical record. Residents who have early committed as PGY-1 residents will have a modified orientation experience as they will not require orientation to the inpatient pharmacy or centralized intravenous admixture areas or the Mandatory GME house-staff orientation (these would have been completed as a UVA PGY-1 resident).

The Pharmacy Residency policies can be referenced on the UVA Pharmacy website at:

<https://www.medicalcenter.virginia.edu/pharmacy/residency-info/>

PGY2 Emergency Medicine Residency Rotations

Clinical Rotations will begin in late July. There are six required clinical rotation, and one elective rotation. Required Longitudinal Rotation Experiences are 12 month experiences and are as follows: Practice Management & Professional Development; Service/Staffing; Research Project; and Quality Project. By the end of the residency year, the resident must “Achieve for Residency” at least 80% of the ASHP Competency Areas, Goals and Objectives Requirements and show completion of all ASHP PGY-2 Emergency Medicine Residency Accreditation Standard Topics as defined in the Standards Appendix and documented in PharmAcademic.

Required Clinical Rotations

- Emergency Medicine (EM) 1 – 8 weeks
- EM 2 – 6 weeks
- EM 3 – 9 weeks
- Pediatric EM – 5 weeks

- Medical Critical Care – 5 weeks
- Toxicology – 5 weeks

Required Elective Clinical Rotations

- Residents will have one elective rotation (one 5 week and one 4 week) to gain additional experience in the adult ICUs. They may choose from the following elective experiences:
 - Trauma Critical Care – 5 weeks
 - Surgical Critical Care – 5 weeks
 - Neuro Critical Care – 5 weeks

Mini-Rotations and Research Days (December Block)

- In December, residents will have a mixture of research days and mini-rotations (Mini-rotations are evaluated as part of the Practice Management component of the residency). A research week is also provided during the second half of the residency year.

Practice Management & Professional Development

- This longitudinal experience (occurring for the entire 12 month residency year to provide a global perspective of emergency medicine pharmacy practice through participation in departmental and institutional committees; working with various Managers for Clinical Pharmacy Services in department leadership issues; contributing to the profession through teaching, scholarly activity, and service; and exposure to professional organizations.
- The PGY2 Emergency Medicine resident will serve as a co-chair (full voting member) on the Pharmacy Emergency Response Committee
- Mini-rotations opportunities are evaluated as part of the Practice Management component of the residency. Mini-rotation experiences (usually a 1-3 day exposure to each experience and total 5-8 days) with options including the following: Medical Emergency Response Team (MET), Various EMS agencies, Neuro ICU, Pediatric Sedation Team.

Research Activities

- Completion of **a primary research project** is a requirement of the residency (Longitudinal -12 month experience). The resident is expected to present the research and results in the format of a platform or poster presentation at the University Of Virginia Department Of Medicine Scholars Day or other comparable scientific meeting. The final reports must be submitted in manuscript style and approved by the Project Advisor and Program Director.
- Completion of a **quality project** is required (Longitudinal -12 month experience). The topic is selected based on the needs of the department and must be approved by the program director. The final report will be written in SBAR (Situation, Background, Assessment, and Recommendation) format and submitted to the appropriate committee.

Publications

- Submitting a manuscript, ready for publication, to the program director, is a residency requirement. Manuscripts must be formatted according to the stated author's requirements for the journal or other publication.

Additional Educational Requirements

- The resident must provide one, one-hour ACPE accredited seminar. The seminar is presented twice (on two separate days) to allow maximal staff participation.
- The resident must also provide 2 journal club presentations for pharmacists, 2 presentations/in-services to medical staff, and 2 presentations to nursing.

- Prepare or revise a drug class review, monograph, treatment guideline or protocol related to care of emergency medicine patients, including proposals for medication-safety technology.
- Participate in a medication-use evaluation related to care for critically ill patients. (This may be achieved within the Practice Management & Professional Development component, or as part of the quality project.

Service component (staffing component):

- In the service component, the resident will attain experience serving as an emergency medicine pharmacist staffing model of clinical pharmacy services. Residents serve as follows: Approximately every fourth weekend staffing the emergency department; A 4-hour evening clinical verification shift – nine total over the course of the year; One major holiday (Thanksgiving and the day after, Christmas Eve and Christmas Day, or New Year’s Eve and New Year’s Day) and the adjacent weekend; and a total of 14 night shifts covering the ED spread throughout the year. Residents will be scheduled to work a minor holiday as well (July 4th, Memorial Day, or Labor Day). Your total service obligation (weekends, evenings, overnights, and holidays) will be 416 hours.

Professional Leave for Meeting Attendance

- Residents have access to professional leave to attend professional meetings
- Your professional growth through participation in professional meetings is highly encouraged. As a result, base resident stipends were increased to support travel to professional meetings. Residents are responsible for all meeting-related travel expenses using the funds added to the annual stipends.

Benefits (Vacation/ Interview Days/ Holidays)

- Regarding days for personal leave or vacation, in order to avoid conflicts with rotation training experiences, the maximum amount of time off permitted in a rotation is up to 20% of days on rotation. Vacation days cannot be used for weekend shifts; the resident must trade shifts with another pharmacist if necessary.
- Vacation also may not be used for terminal leave. All residents are expected to be at work during the last week of the residency.
- Each resident additionally receives up to 5 professional days to be used for interviews.
- Residents are provided up to 14 calendar days for sick leave. If there are additional sick days, vacation days must be used. Those sick for 2 or more consecutive days must present a physician’s note to the Program Director/Coordinator. In the case of extended illness or disability, please refer to the Leave or Request for Absence Policy.

Certification

- Residents are required to complete ACLS training and certification in the beginning of the residency year. This training is offered through the Medical Center at no charge to the resident. Pharmacy residents participate in ACLS training during the orientation period. Residents will respond to codes during the residency year.

Preceptors

- Residents will have a primary preceptor for each rotation, required presentations, quality project, research project, and the service component. Residents and the program director identify appropriate preceptors for these requirements based on the topic.

**UVA Health - Department of Pharmacy Services
Residency Program (PGY2 Emergency Medicine) Successful Completion Requirements**

Resident Name: _____

Program: _____

Year: _____

Requirements for PGY2 residency completion:

The resident is expected to have earned an assessment of "Achieved" for $\geq 80\%$ the required objectives of the residency program. No objectives can have a final assessment of "Needs Improvement".

% of objectives achieved: _____

Completion of PGY-2 Emergency Medicine Residency Accreditation Standard Topics as defined in the Standards Appendix and documented in PharmAcademic

Topics finalized on _____

Completion of quality project/ medication use evaluation (MUE) and write-up presented in SBAR format

QP/ MUE finalized on _____

Completion of a research project with final report submitted in manuscript style and platform presentation at the University of Virginia Department of Medicine/Surgery Scholars Day or comparable scientific meeting

Project manuscripts submitted and deemed final by primary project preceptor:
_____ (signature of primary project preceptor OR email from preceptor to RPD verifying manuscript submission)

Submission of an electronic notebook to the program director (at the conclusion of the program) that includes all presentation slides, posters, data collection forms, proposals, IRB documents, & manuscripts.

Validated by RPD or Coordinator

Completion and sign off of all evaluations, self-evaluations, and preceptor and learning experience evaluations for all concentrated and longitudinal experiences in PharmAcademic.

Validated by RPD or Coordinator

Provision of pharmacy staffing coverage as indicated on the Pharmacy Residency Staffing Schedule.

Validated by Administrative Assistant/ Staff Ready/ Scheduling Task Force

Completion of 6 required learning experiences and 1 elective learning experience.

Validated by RPD or Coordinator

Completion of one (1 hour) ACPE accredited continuing education seminar

Validated by RPD or Coordinator

Completion of two journal club presentations for pharmacists, two presentations/ inservices to medical staff, and two presentations/ inservices to nursing or allied health professionals

- Validated by RPD or Coordinator

Documentation of all leave time in the residency leave database

- Validated by RPD or Coordinator

Documentation of all duty hours in New Innovations

- Validated by RPD or Coordinator

Return of tablet/charger, phone/charger, and name badge

- Confirmed by Pharmacy IT: _____
Name/Date

Signature of Resident: _____

Date: _____

Signature of RPD: _____

Date: _____

Signature of Coordinator: _____

Date: _____