



PGY2 Infectious Diseases Pharmacy Residency Program

Application deadline: January 2, 2024

Residency Program Overview

Type/duration: 12 month/full-time residency

Number of positions: 1

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

Program Director:

Heather L. Cox, PharmD, BCIDP

Lead Pharmacist, Infectious Diseases

Associate Director, Antimicrobial Stewardship

Clinical Associate Professor, VCU School of Pharmacy

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Purpose:

The UVA Health ASHP-accredited PGY2 Infectious Diseases Pharmacy Residency Program builds on Doctor of Pharmacy education and PGY1 pharmacy residency programs to develop clinical pharmacists in advanced or specialized practice in Infectious Diseases. PGY2 training provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated knowledge, skills, and abilities into the provision of patient care or other advanced practice settings. Residents who successfully complete an accredited PGY2 pharmacy residency are prepared for advanced patient care, academic or other specialized positions, and board certification.

Training Site:

UVA Health

University of Virginia Health integrates patient care, health education, research, and public service. UVA Health is a world-class academic medical center and health system with a level 1 trauma center, a nationally recognized cancer center, and UVA Children's Hospital. Our footprint also encompasses three community hospitals and an integrated network of primary and specialty care clinics throughout Charlottesville, Culpeper, Northern Virginia, and beyond. Through teaching and research, we continue to advance medicine and innovate excellence while providing high-quality care.

The Charlottesville Community

Charlottesville is a modern, progressive city, filled with old-world elegance and charm, nestled in the foothills of the Blue Ridge Mountains. Charlottesville is famous for its distinctive architecture, hospitality, and small city sophistication, with an estimated population of 235,000 in the greater Charlottesville area.

Department of Pharmacy

The UVA Department of Pharmacy has over 300 team members who practice in various areas ranging from administration and business services to clinical inpatient and ambulatory care. Its mission is to provide superlative patient-centered care focused on safe medication practices and innovative education and training. The medical center inpatient pharmacy provides decentralized dispensing

and clinical services to 671 beds with an average daily census of 528 patients. Sterile compounding occurs in a newly renovated state-of-the-art 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-operative clinical pharmacy care, and community hospital expansion have allowed UVA to provide pharmacy services to an increased number of patients throughout the state. In addition, the Department has more 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.

Pharmacy Vision

The UVA Health Pharmacy Department is a vital member of the patient care team dedicated to expanding patient care services and leading initiatives to maximize patient safety and improve outcomes. We are a collaborative group focused on providing superlative patient care in the setting of ongoing professional development by all employees, a productive, innovative work environment in which staff are engaged and motivated, and nationally-recognized clinical services and educational training programs.

Infectious Diseases Pharmacotherapy Services

A team of 6 Infectious Diseases pharmacists provides pharmacotherapy services in the following settings: General and Immune Compromised Host Infectious Diseases consult services, Antimicrobial Stewardship/Clinical Microbiology, Outpatient Parenteral Antimicrobial Therapy (OPAT), and Ambulatory Care/Ryan White HIV Clinic. The UVA Antimicrobial Stewardship Program has operated for more than 25 years and activities are supported by TheraDoc and several rapid diagnostic platforms in collaboration with Clinical Microbiology. The Division of Infectious Diseases and International Health has a long tradition of excellence in research, patient care, and education. Learn more about the Division [here](#).

Fringe Benefits:

Medical, dental, and liability insurance; 15 vacation days, 14 sick days; professional leave days. Professional leave permits attendance at a national Infectious Diseases meeting of the resident's choice and other meetings at the discretion of the program director. Base stipends have been increased to support travel to professional meetings. As a result, residents are responsible for paying meeting-related expenses through the funds added to annual stipends.

Application Requirements:

1. Applicants must be:
 - Enrolled in or have completed an ASHP-accredited PGY1 Pharmacy Residency
 - A graduate of an ACPE-accredited advanced pharmacy program
 - Licensed as a pharmacist in the Commonwealth of Virginia by September 1, 2024
2. Applicants must upload the following application materials into PHORCAS by January 2, 2024:
 - Curriculum vitae
 - Letter of intent
 - Three letters of recommendation from the following:
 - PGY1 Residency Program Director
 - Infectious Diseases preceptor
 - Pharmacy preceptor of applicant's choice
 - Official college of pharmacy transcript

Program Structure:

The 2024-2025 UVA Health PGY2 ID Pharmacy Residency will begin on July 1, 2024 and end on June 30, 2025. Mandatory housestaff orientation through graduate medical education (GME) will take place during the first week of July. The orientation rotation is a mandatory 3-4 week experience where residents complete institutional and departmental onboarding activities followed by orientation to Infectious Diseases Pharmacy services. Residents entering the program via the early commitment process will have a modified schedule since GME and departmental orientation are completed as a PGY1 resident. Pharmacy residency policies can be referenced on the UVA pharmacy [website](#). Clinical rotations will begin in late July. Required and elective clinical experiences are shown below in Table 1. The following 12-month longitudinal experiences are also required: Practice Management and Professional Development, Service, Research Project, Quality Improvement/Practice Advancement 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 (with none deemed “Needs Improvement”) and show completion of all ASHP PGY2 Infectious Diseases Residency Accreditation Standard topics as defined in the Standards Appendix and documented in PharmAcademic.

Table 1: PGY2 Infectious Diseases Clinical Experiences

Required experiences (5 weeks unless otherwise specified)	Elective experiences (2 to 4 weeks)
Orientation (3-4 weeks)	Advanced Antimicrobial Stewardship
Adult General Infectious Diseases I and II	Malignant hematology/Stem cell transplant
Transplant and Immune-compromised Host ID Consult Service I and II	Medical intensive care
Clinical Microbiology and Antimicrobial Stewardship I	Solid organ transplant
Antimicrobial Stewardship II (6 weeks)	Surgery/trauma intensive care
Outpatient Parenteral Antimicrobial Therapy	
HIV clinic (longitudinal, a half-day every Thursday)	

Other elective learning experiences may be developed based on resident interest and preceptor availability e.g. Emergency Medicine, Internal Medicine, Pediatric Infectious Diseases

Practice Management and Professional Development

This longitudinal experience occurs during the entire 12 month duration of the residency year and provides a global perspective of Infectious Diseases pharmacy practice through participation in institutional workgroups, medication safety activities, antimicrobial stewardship program management, and by contributing to the profession through teaching, scholarly activity, and exposure to professional organizations. The PGY2 ID resident will serve on the Antimicrobial Utilization Committee (AUC) and contribute as an active participant by completing at least one anti-infective class review or monograph and preparing or revising a treatment guideline or protocol for presentation to AUC.

Service

Pharmacy practice experience as a staffing component is required for a total of 416 hours annually. The PGY2 ID resident serves primarily in an ID-specific role during weekend activities in an every third alternating with every sixth weekend cadence. Responsibilities include but are not limited to: vancomycin/aminoglycoside pharmacokinetic consultation, prospective audit and feedback in response to rapid diagnostic and other real-time microbiology results, ID-related drug information services for pharmacists and ID consult teams, and retrospective review of anti-infectives requiring preauthorization. Clinical/distributive support in a general role is provided during a 4 hour evening shift once weekly (1600-2000) and during a 4 day stretch of overnight shifts with appropriate compensatory time once annually. Finally, all residents are expected to work one major holiday block (Thanksgiving, Christmas, or New Year’s) and one minor holiday (July 4th, Labor Day, Memorial Day, or Juneteenth).

Projects

The PGY2 Infectious Diseases pharmacy resident is required to complete a major research project suitable for publication and a second quality improvement or practice advancement project as assigned by the program director. Where possible, one project will involve hands-on experience in the Clinical Microbiology laboratory. The research project must be submitted in manuscript style (suitable for publication) to the program director, while both projects must be presented verbally either locally or at an external conference. Project-related graduation requirements also include submission of 1) a manuscript to a biomedical journal or 2) an abstract to an Infectious Diseases conference e.g. IDWeek™, ASM Microbe, SHEA Spring Conference, MAD-ID. The resident will also present a poster at the Department of Medicine Scholars/Research Day if schedules allow. Dedicated research time is provided intermittently between November and February.



Presentation Requirements

Each UVA pharmacy resident is responsible for presenting one ACPE-accredited seminar for pharmacists. The seminar is presented twice on different days to maximize opportunity for attendance. The PGY2 ID resident must also present at least 1 journal club for the ID pharmacist team, 1 inservice for a non-ID clinical pharmacist team, and 2 presentations for medical and/or microbiology colleagues. The major seminar presentation is evaluated as a separate longitudinal (2-month) experience in PharmAcademic, while other presentations are evaluated within select clinical rotations or the Practice Management and Professional Development experience.

Professional Leave for Meeting Attendance

Professional growth through participation in professional meetings is highly encouraged. As a result, base resident stipends were increased to support travel to professional meetings and residents are responsible for all meeting-related travel expenses using the funds added to the annual stipends. At a minimum, UVA PGY2 Infectious Diseases residents traditionally attend IDWeek™, including the “Best Practices in Antibiotic Stewardship Programs” workshop.

Certification

Residents who have completed the American Heart Association Advanced Cardiac Life Support (ACLS) training and certification and may respond to cardiopulmonary emergencies if desired. This is not a program requirement.

Teaching

Through a partnership with the Virginia Commonwealth University (VCU) School of Pharmacy, UVA pharmacy residents have the opportunity to earn a Teaching and Learning Certificate. The Department of Pharmacy also serves as a rotation site for introductory and advanced pharmacy practice experiences for VCU, Shenandoah University, and the Appalachian College of Pharmacy. Residents will have a variety of teaching opportunities that include didactic experiences and precepting students and PGY1 residents on clinical rotations. The Department of Pharmacy has more than 90 preceptors who partner to serve our 12 ASHP-accredited residency programs our student rotations.

Requirements for Program Completion

Please refer to the UVA Health Department of Pharmacy Services Residency Programs Policies and Procedures [Manual](#).

The University of Virginia is an Equal Opportunity/Affirmative Action Employer. UVA is committed to complying fully with the Americans with Disabilities Act (ADA) and ensuring equal employment opportunities for qualified persons with disabilities.