

University of Virginia Health
Department of Pharmacy Services
PGY2 Solid Organ Transplant Pharmacy Residency Program

The University of Virginia Health offers an American Society of Health-System Pharmacists (ASHP) accredited PGY2-Solid Organ Transplant (SOT) Pharmacy Residency program.

Residency Purpose Statement

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.

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RESIDENCY PROGRAM

Type/Duration:	12 month/full-time residency
No. of Positions:	1
Application Deadline:	January 2 nd , 2024
Starting Date:	July 1 st
Estimated Stipend:	\$60,086
Interview required	Yes

Special Features:

The Charles O. Strickler Transplant Center at the University of Virginia (UVA) Health is the only comprehensive transplant center in Virginia. UVA Health performed 345 transplants across all programs in 2022. The distribution of transplants in 2022 is as follows: 185 kidney, 85 liver, 1 pancreas-alone, 11 kidney/pancreas, 34 heart, and 29 lung transplants. Although the majority of patients are adults, there is a growing program in pediatric liver, kidney, and heart transplantation. UVA has an active living donor kidney transplant program and living donor liver transplant program.

This residency prepares residents with the experience, pharmaceutical knowledge, and clinical skills to provide comprehensive care for adult liver, kidney, pancreas, heart and lung transplant patients, as well as pediatric heart, liver, and kidney transplant. Residents are provided opportunities in the delivery of high-quality patient-centered care, medication use policy, leadership, clinical research project management, health care provider and trainee education, and medical emergency management. Program graduates will be qualified for advanced patient care, academic, or other specialized positions in solid organ transplantation, along with board certification.

Special Requirements for Acceptance:

Pharm.D degree, ASHP-accredited PGY1 residency, Virginia licensure by September 1st, transcripts. Participation in PhORCAS plus required supplemental materials (curriculum vitae, letter of intent, three letters of recommendation).

TRAINING SITE

University of Virginia 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 3 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. UVA Medical Center was honored among the 60 top hospitals for diversity.

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 235,096 residing in the greater Charlottesville metro area.

The Department of Pharmacy

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 671 beds and 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.

Mission

UVA Health's Department of Pharmacy Services will provide superlative patient-centered care focused on safe medication practices and innovative education and training.

Vision

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.

PROGRAM STRUCTURE

The 2023-2024 UVA Health Pharmacy Residency will begin on July 1, 2023 through June 30, 2024. Residents must attend graduate medical education orientation held at the beginning of the residency year. During the month of July, residents will rotate through various areas of the Pharmacy Department and develop skills required for the provision of pharmacy services provided by the department. Residents who have early committed as PGY1 residents will have a modified orientation experience.

Clinical rotations begin in late-July and are 5 weeks in duration. Additional details regarding Pharmacy residency policies can be found on the UVA Health pharmacy residency programs website.

PGY2-Solid Organ Transplant Pharmacy Residency Rotations:

a) Required Rotations (5 week rotations unless otherwise stated, DPC=direct patient care)

1. Orientation- non-DPC (3 - 4 weeks)
2. Transplant- abdominal I (kidney, liver, pancreas)- DPC
3. Transplant- heart/lung I- DPC
4. Transplant- kidney/pancreas II- DPC
5. Transplant- liver II- DPC
6. Transplant- heart II- DPC
7. Transplant- lung II- DPC
8. Transplant- clinic I- DPC
9. Transplant- clinic II- DPC
10. Transplant- immunocompromised infectious diseases- DPC
11. Longitudinal
 - i. Transplant-Pediatrics (kidney, heart, liver)-longitudinal DPC** (11 month experience starting in August)
 - ii. Research project (12 month experience)
 - iii. Quality Project (12 month experience)
 - iv. Service (12 month experience)
 - v. Practice Management and Committees (12 month experience)

**Due to the unpredictable nature of transplantation and the small number of patients per year, pediatric transplant will be a longitudinal experience. It will be the expectation that the resident follows any inpatient lung/heart/pediatric transplant patients while on core transplant rotations in collaboration with the PGY2-pediatric pharmacy resident. Coverage Monday-Friday, hours will vary based on patient load.

b) Mini rotation experience opportunities

1. Immunology lab
2. Transplant quality
3. United Network for Organ Sharing (UNOS) visit

c) Mini-Rotations and Research Days

During October and November, the resident will have research days to allow completion of research project in time for the early abstract deadline for the American Transplant Congress or other appropriate transplant meeting. Mini-rotations will occur as availability arises throughout the year.

Research Activities

- a) The PGY2 transplant pharmacy resident is required to complete a major research project and submit a final report in manuscript style. The final report must be approved by the Project Advisor and Program Director. The research project will be initiated early in the residency year with a goal of abstract submission in early December to the American Transplant Congress or equivalent scientific meeting. If accepted, the poster/oral presentation will be presented during the appropriate transplant conference. The resident may also present their research as a poster during the UVA Department of Medicine or Surgery Research Scholar's Day.
- b) Additionally, during the year, the resident will complete a second project assigned by the residency program director. Completed projects will be presented at the appropriate pharmacy or transplant committee with associated recommendations for quality improvement at the University of Virginia Health.

Presentation Requirements

- a) Each resident is responsible for presenting one ACPE-accredited seminar to provide continuing education (CE) to pharmacists
- b) Additional required presentations for the PGY2 transplant pharmacy resident include: 2 formal presentations to the transplant department (audience of transplant MDs, NPs, RNs) and the transplant nursing core curriculum (immunology and pharmacology lectures)

Professional Leave for Meeting Attendance

- a. The PGY2 transplant pharmacy residents will have the option to attend ASHP Annual Midyear Clinical Meeting. Additionally, the resident will attend the American Society of Transplantation Fellows Symposium, as well as the American Transplant Congress or equivalent scientific meeting.
- b. Residents have access to professional leave to attend professional meetings or conferences, interviews, or taking board examinations or other examinations approved by the Program Director. 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. No additional departmental funding for travel is available.

Service Component (staffing)

- a) Residents provide clinical pharmacy services every fourth weekend and one 4 hour evening shift per week (total of 416 hours). Over the course of the year, the PGY2 transplant resident will work to provide decentralized transplant clinical pharmacy coverage on weekends. The resident will also provide centralized clinical and operations support on the weekday evening shift.
- b) Participation in the service component provides necessary training and allows the residents to meet the intent of the ASHP residency standard.
- c) Additionally, the resident will work one 4-day stretch over a major holiday (Thanksgiving, Christmas, or New Year's) and one 4-day overnight stretch during the residency year.

Benefits (Vacation/ Interview days/ Holidays)

- a) Each resident receives 15 vacation days, including holiday days not worked, and 14 sick days. In order to avoid conflicts with rotation training experiences, the maximum amount of time off permitted in a rotation is the total of 20% of the experience. Vacation may not be used for terminal leave. All residents are expected to be at work during the last week of the residency.
- b) Each resident also receives up to 5 days to be used for interviews.
- c) Residents will work 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 associated weekend. Residents are off the following holidays: Independence Day, Labor Day, Memorial Day, and the other two major holidays but will need to use vacation days if not working.

Certification

- a) Residents are required to complete American Heart Association Advanced Cardiac Life Support training and certification. This training is offered through the Medical Center at no charge to the resident. Pharmacy residents participate in ACLS training during the orientation period and respond to cardiopulmonary (code 12) emergencies during the residency year.

Teaching

- a) Ample opportunity to interact with pharmacy students. The Department of Pharmacy also serves as a rotation site for introductory and advanced pharmacy practice experiences for Virginia schools of pharmacy and select other programs across the nation. Residents will have a variety of teaching opportunities that include didactic experiences and precepting students on clinical rotations.
- b) Teaching and Learning Certificate through the partnership with the Virginia Commonwealth University (VCU) School of Pharmacy is available if a teaching certificate was not obtained during a PGY1 residency year.
- c) Participate in didactic lectures, test question writing and/or grading cases for the Transplant elective class at VCU. This opportunity is dependent upon the Transplant elective being offered.

Advisors

- a) Each resident is matched with an advisor for the duration of the residency year in addition to the residency program director. Matches are based on the career goals, specialty practice area interests, or other interests of the resident. Advisors serve as resources and mentors to the residents.
- b) Residents will also have a primary preceptor for each of their required presentations as well as their residency projects. Residents and the program director identify appropriate preceptors for these requirements based on the topic.