

PGY1 Pharmacy Residency Program Structure and Design

The program structure follows the ASHP accreditation standards. The required competency areas, goals and objectives are the foundation of the program design. These competency areas are: Patient Care; Practice Advancement; Leadership; and Teaching and Education.

In addressing these competency areas, the PGY1 Pharmacy residency training is designed and anchored by a two to four week Internal Medicine based design, alternating with 4 week required specialty learning experiences in areas like; Emergency Medicine, Ambulatory Care, Critical Care, Infectious Diseases, Pediatrics and ONE elective rotation from any of the following: Surgical Critical Care, Oncology/Hematology, Clinical Toxicology II, Emergency Medicine II, Geriatrics, Pediatric Emergency Medicine, and Ambulatory Care HIV. After 2 weeks of orientation, three residents are assigned to internal medicine/pharmacy operation while the other three residents are assigned to specialty learning experiences. Please review our website at https://www.upstate.edu/pharmacy/residency_programs/pgy1-pharm.php for a sample resident schedule.

PGY1 Pharmacy residents at Upstate are encouraged to pursue Post Graduate Year – 2 (PGY2) residency training in their area of interest. The residency training schedule and sequence of the learning experiences are individualized and primarily based on the residents' areas of interest. Two preferred areas of interest per resident are scheduled to be completed within the first six months of residency training and prior to ASHP Midyear clinical meeting. This is done to assist the PGY1 pharmacy resident in making a decision on their choice of PGY2 residency during the ASHP Midyear Clinical Meeting or apply for early commitment to one of the PGY2 pharmacy residencies available at Upstate University Hospital: Ambulatory Care, Geriatrics, Infectious Diseases, and Pediatrics. Longitudinal experiences include Staffing (Pharmacy Operations); Teaching and Education; Clinical Toxicology; Pharmacy Administration; and Clinical Research.

The research intensity is driven by the resident's desire. However, all residents are required to complete at least ONE research project. These research projects are designed to be publishable in a peer review journal. To ensure that pharmacy residents gain fundamental knowledge in research and are prepared for a successful residency research experience and future research endeavor, PGY1 pharmacy residents at Upstate University Hospital are required to complete a pharmacy clinical research microcredential program. This program includes 28 hours of didactic lectures in various subjects in the research process. These topics are presented by experienced faculty. The program is organized and hosted by the pharmacy residency research committee of the Department of Pharmacy and the Upstate Medical University. A certificate of completion and a digital badge is awarded to each resident at the end of the academic year and after completion of a research project and submission of a manuscript to a peer review journal for possible publication.

Training our PGY1 pharmacy residents to become proficient educators and teachers is also a major priority of our program. Our affiliation with colleges of pharmacy allows our residents to co-precept and mentor Advance Pharmacy Practice Experience (APPE) students who rotate through our institution annually. PGY1 pharmacy residents also participate in Inter-professional education during their internal medicine rotation where they contribute to the training of second year medical students. A Teaching and Learning Certificate (TLC) is required and offered to our residents by

one of the affiliated colleges of pharmacy. Our PGY1 pharmacy residents will strengthen their writing skills through manuscript preparation and possible publication in a peer reviewed journal. Each PGY1 pharmacy resident is encouraged and guided to complete and submit at least ONE manuscript by the end of the residency academic year. Opportunities to hone residents' public speaking and presentation skills are also incorporated into the teaching experience. Each resident is expected to have about 11 weeks of contact time in teaching.

The purpose statement for ASHP accredited PGY1 residency programs require graduates of such programs to be prepared to seek Board certification in pharmacotherapy (e.g BCPS). To better achieve this vision, the Upstate PGY1 pharmacy residency program has put in place a BCPS preparatory program. The curriculum is designed using the BCPS review materials by ASHP/ACCP. PGY1 pharmacy residents would be required to lead the various disease state topic discussions. Each topic is assigned a mentor who is a clinical specialist and an expert in that subject area and will help the resident prepare and present assigned pharmacotherapy topics. The BCPS preparatory program begins in September and continues through June of the academic year.

Two PGY1 Pharmacy residents are scheduled every third weekend to support pharmaceutical care services. These include clinical pharmacokinetics, drug information consults and pharmacy staffing operations. Residents earn a "pass day" on the Monday after the working weekend or the Friday before the working weekend. Residents are also scheduled to spend additional 4 hours each sixth working day to help improve on their pharmacy operations/staffing knowledge and skills.

Our program offers the PGY1 pharmacy resident an opportunity to practice independently and develop proficiency in all four ASHP competency areas. This prepares our graduates to be competitive when they pursue a career in academia, acute care, ambulatory care, or pursue PGY2 pharmacy residency training in their area of interest.

Our comprehensive family, professional, and sick leave policies make Upstate an attractive environment to train. The collaborative relationship with our medical, nursing, and other professional colleagues and the family – like environment in the department of pharmacy allow our residents to be trained and become proficient clinicians.

Check our website: https://www.upstate.edu/pharmacy/residency_programs/pgy1-pharm.php for details about our residency program.