

UPMC Shadyside PGY1 Pharmacy Residency Program Specific Appendix

Program Director: Michele F. Hebda, PharmD, BCPS

Purpose Statement

PGY1 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and outcomes to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for postgraduate year two (PGY2) pharmacy residency training.

Philosophy

It is essential for pharmacy graduates to obtain the level of knowledge and skills needed to become competent in pharmacy practice. A residency in pharmacy practice is defined as an organized, directed, postgraduate training program that centers on the development of the knowledge, attitudes and skills needed to promote rational drug therapy. PGY1 pharmacy residencies provide residents with opportunities to conceptualize, integrate and transform accumulated experiences and knowledge into improved drug therapy to the level of a generalist.

Our residents will become confident, effective practitioners of pharmacotherapy. Residents will focus on ensuring application of safe, effective and evidence-based medicine practices to individual patients and in populations across the health system. These practitioners will demonstrate competency in educating their patients as well as present and future health care professionals. Additional areas of concentration will include enhancing communication skills, professionalism and applying basic clinical and outcomes research concepts to practice. See the PharmAcademic™ or Microsoft Teams Residency Page for graduate tracking information.

Residency Goals and Objectives

The following goals were selected specifically for our training program. Please refer to the 2014 ASHP Required Competencies Areas, Goals and Objectives: <https://www.ashp.org/-/media/assets/professional-development/residencies/docs/required-competency-areas-goals-objectives>

Goal R1.1: In collaboration with the health care team, provide safe and effective patient care to a diverse range of patients, including those with multiple co-morbidities, high-risk medication regimens, and multiple medications following a consistent patient care process.

Goal R1.2: Ensure continuity of care during patient transitions between care settings.

Goal R1.3: Prepare, dispense, and manage medications to support safe and effective drug therapy for patients.

Goal R2.1: Demonstrate ability to manage formulary and medication-use processes, as applicable to the organization.

Goal R2.2: Demonstrate ability to evaluate and investigate practice, review data, and assimilate scientific evidence to improve patient care and/or the medication use system.

Goal R3.1: Demonstrate leadership skills.

Goal R3.2: Demonstrate management skills.

Goal R4.1: Provide effective medication and practice-related education to patients, caregivers, health care professionals, students, and the public (individuals and groups).

Goal R4.2: Effectively employ appropriate preceptors' roles when engaged in teaching (e.g., students, pharmacy technicians, or other health care professionals).

This appendix describes the hospital and specific program requirements, policies, and procedures. To successfully complete the PGY1 Pharmacy Residency Program and obtain a residency certificate, the following terms must be met by the end of the residency year.

Practice Based Learning Experiences

The resident's schedule consists of block and longitudinal rotations, project weeks, professional meetings, and vacation. Each block rotation will be at least 4 weeks long. Concentrated 2-week experiences may be available based on discretion of the RPD and preceptor, availability of preceptor, and experiences prior to concentrated experience. Longitudinal Rotations begin in July/August or January and are generally 6-12 months in length.

UPMC Shadyside 2022-2023:

- Required block rotations: Inpatient Rounding Service-Family Medicine, Outpatient Primary Care (Family/Internal Medicine), Unit-Based Pharmacy, Critical Care, Infectious Diseases, and Practice Management
- Required longitudinal rotations: Research, Teaching, and Hospital Pharmacy Operations

| Required Learning Experience | Duration (weeks) | Semester | Notes |
|------------------------------|-------------------------------------|----------|--|
| Orientation | 5 | 1 | Customized based on prior experience/institution |
| Inpatient Family Medicine | 5 | 1 or 2 | |
| Unit-Based Pharmacy | 5 | 1 | May repeat as advanced experience |
| Outpatient Primary Care | 5 | 1 or 2 | |
| Pharmacy Practice Management | 5 | 1 or 2 | |
| Critical Care | 5 | 1 or 2 | UB rotation prerequisite |
| Infectious Diseases | 5 | 1 | |
| Advanced Pharmacy/Precepting | 2-5 (2 for concentrated experience) | 2 | Resident will choose the site and will precept in a service where they have completed a previous direct patient care rotation. |
| Electives* | 5 | 1 or 2 | Some experiences available as 2 week concentrated experiences |
| Teaching | Longitudinal – 12 months | | Required; may be combined with the Mastery of Teaching program |
| Research | Longitudinal – 12 months | | Research series, pharmacy project, manuscript, presentations |

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|------------------------------------|--------------------------|---|----------------------|
| Hospital Pharmacy Operations | Longitudinal – 12 months | | Staffing requirement |
| Elective – Family Health Center | Longitudinal – 6 months | 2 | Prerequisite: OFM |
| Elective—Antimicrobial Stewardship | Longitudinal—6 months | 2 | Pre-requisite: ID |

*May be available prior to ASHP Midyear based upon career goals

Professional Development Experiences

1. Research/Quality Improvement – see learning experience description
2. Teaching Longitudinal – see learning experience description
3. Optional: Mastery of Teaching program
4. Pharmacy Pharmacotherapy Updates: Lecture Series & Continuing Education (PULSE)- 1 presentation (clinical controversy)
5. Shadyside CE presentation
6. Participation in hospital committee
7. Presentation to non-pharmacy health care providers/learners (2 presentations)

Requirements for Successful Completion of the Residency

A residency certificate will be awarded when the following requirements are *successfully* completed according to the criteria defined in the corresponding sections of the residency manual and documented on the attached form:

| Requirement | Date Completed |
|--|----------------|
| Pass the exams for licensure as a pharmacist in the State of Pennsylvania by September 30 of the program year. | |
| Completion of orientation requirements, including University Research Modules | |
| Completion of practice based learning experiences, including all associated evaluations. | |
| Meet “Achieved” on 100% of patient care objectives and 80% on all other required program goals and objectives with no “Needs Improvement” at end of the program. | |
| Completion of 1 PULSE (Pharmacotherapy Updates: Lecture Series & Continuing Education) presentation | |
| Completion of 1 Shadyside Pharmacist Development CE Presentation | |
| Completion of 2 presentations to non-pharmacy health care providers/learners | |
| Completion of Resident Research/Quality Improvement Project, including manuscript* | |
| Presentation of research project at PittPharmacy Resident Research Day | |
| Completion of Teaching Requirements | |
| Submission of Residency Portfolio including: -Copy of updated CV -Documentation to support teaching and presentation components (include handout materials, slide copy, evaluations, etc.) -Completion of Research project (copy of protocol, IRB documents, data, analysis, related materials, manuscript) | |

* The resident should have a completed manuscript completed within 2 weeks of the end of the program. However, if extenuating circumstances out of the resident's control do not allow for the manuscript to be completed by end date of the program and all other program requirements are met, the resident may receive his/her certificate as long as a written plan is in place with a time line for completion of the manuscript within 60 days of the program completion. The resident will recognize that if they fail to provide the manuscript in the agreed upon timeframe, the project mentor may then submit the work for publication and the resident will forgo the right of primary author.

Please review this material and sign below if you accept the terms and conditions of the UPMC Shadyside PGY-1 Pharmacy Residency.

Resident: Print Name

Resident: Signature

Date

Program Director: Print Name

Program Director: Signature

Date