

**CLEVELAND CLINIC**  
**DEPARTMENT OF PHARMACY**  
**PGY-1 COMMUNITY-BASED PHARMACY RESIDENCY #44045**

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**PGY1 Community-Based Pharmacy Residency Program Purpose:** PGY1 residency programs build upon Doctor of Pharmacy (PharmD) education and outcomes to develop pharmacist practitioners with knowledge, skills, and abilities as defined in the educational competency areas, goals, and objectives. Residents who successfully complete PGY1 residency programs will be skilled in diverse patient care, practice management, leadership, and education, and be prepared to provide patient care, seek board certification in pharmacotherapy (i.e., BCPS), and pursue advanced education and training opportunities including postgraduate year two (PGY2) residencies.

### **Program Structure**

This is a multi-site program with two unique practice locations: the Stephanie Tubbs Jones or Twinsburg Family Health Center. The PGY 1 Community-Based residents will practice within regional and main campus Cleveland Clinic Ambulatory Pharmacies, Ambulatory Care Clinics, Specialty Pharmacy, and the Employee Health Plan. Required rotations include drug information, community practice, ambulatory management, anticoagulation, primary care, specialty pharmacy, employee health plan, HIV ambulatory care clinic, teaching & education, and transitional care management. Residents will select 1 elective rotation from the following list: heart failure, diabetes/endocrinology, regional oncology clinic, travel medicine, or other advanced practice area of the resident's choosing. Pharmacist preceptors are available for all rotations.

Residents will complete a large project & manuscript, business plan, a quality improvement (QI) small project, and a collaborative practice agreement, standing order, or protocol. Residents will present at internal and external venues. Financial support is provided to attend the ASHP Midyear meeting dependent on institutional travel limitations. Residents are required to staff every 3rd Saturday from September through June and two Cleveland Clinic-recognized holidays. To assist with building research skills, the residents will participate in a robust residency research curriculum that takes place throughout the residency year. Additional research resources include a staff statistician, statistical software, and grant funding through the department of pharmacy or external sources.

### **Requirements for successful completion of residency**

- **Projects**
  - Large project (Research or Quality Improvement)
  - Formulary recommendations (3-4, prior authorization criteria, new drug monograph, etc)
  - Business plan for a new or enhanced service (1)
  - Collaborative practice agreement, standing order, or state-based protocol (1)
- **Presentations**
  - Resident conference (5): 2-25 minute, 1-50 minute, large project protocol defense & results
  - Community service/health events (8, divided quarterly)
  - Ambulatory Care Monthly (2)
- **Completion of Teaching & Learning Certificate Program (NEOMED)**
- **Meeting attendance & Large Project Presentation**
  - State: Ohio College of Clinical Pharmacists (OCCP) or Ohio Pharmacists Association (OPA) Spring Meeting
  - National: American Society of Health-Systems Pharmacists (ASHP) December Midyear meeting **at the**

**discretion of the Residency Program Director and Residency Committee (based on travel limitations imposed by Cleveland Clinic).**

- For minimum completion requirements, residents must achieve for residency (ACHR) all goals in R1 domain. A resident may only have 1 goal in any one other domain (R2, R3, R4) not achieved by the end of residency. No objective can be a needs improvement at the end of residency.
- Residents must submit a manuscript suitable for publication and have completed all evaluations in PharmAcademic.
- See Successful Completion Checklist for itemized requirements for completion.

**Evaluation Strategy**

- Beginning of residency: residents complete PharmAcademic entering interests and initial self-reflection
- Scheduled, written evaluations are conducted within PharmAcademic and include resident self-evaluation, preceptor evaluation of the resident, and resident evaluation of preceptor and learning experience
  - All evaluations are discussed in person between residents and preceptors, then cosigned by the residency program director
  - If a resident achieves for residency (ACHR) Objective 2.2.2 they will no longer be require to complete self-evaluations in Pharmacademic
- End of residency: PharmAcademic final self-reflection and program specific exit interview documents are completed by residents and reviewed with program director

**Program Structure**

Residency program experiences include a combination of concentrated and longitudinal rotation experiences.

Learning Experience	Duration (minimum)	Designation	Sequence during residency year
Orientation	6-7 weeks	Required	June-July
Drug information	2 weeks; 5 days/week	Required	First half of residency year
Community Practice	Longitudinal, 1.5 days/week	Required	n/a, year-long
Anticoagulation	15 weeks; 1 day/week	Required	August-November
Primary Care	16 weeks; 2 days/week	Required	August-November
Specialty Pharmacy: Oncology	5 weeks, 3 days/week	Required	Second half of residency year
Employee Health Plan	5 weeks, 3 days/week	Required	Second half of residency year
HIV Ambulatory Care Clinic	10 weeks ; 1.5 days/week	Required	Second half of residency year
Transitional Care Management	12 weeks, 2 days/week	Required	Second half of residency year
Ambulatory Management	Longitudinal, 2 days/month	Required	n/a, year-long
Teaching & Education	Longitudinal, 1 days/month	Required	n/a, year-long
Large project	Longitudinal, 3-5 hrs/month <sup>1</sup>	Required	n/a, year-long
Heart Failure	4 weeks, 3 days/week	Elective	Second half of residency year
Diabetes/Endocrinology	4 weeks, 3 days/week	Elective	Second half of residency year
Oncology Infusion Clinic	4 weeks, 3 days/week	Elective	Second half of residency year
**ID: HIV PrEP Clinic	8 weeks, 1.5 days/week	Elective	Second half of residency year
Travel Medicine Clinic	4 weeks, 3 days/week	Elective	Second half of residency year

<sup>1</sup> Please note: projects, presentation preparation, and certain other activities will require you to invest time outside of a normal workday. This time is not scheduled as learning experience time.

\*\*Elective experience currently in development due to new service implementation