Cleveland Clinic

Department of Pharmacy

PGY2 Clinical Pharmacogenomics Residency

Program Purpose

PGY2 Program Purpose: PGY2 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and PGY1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas of practice. PGY2 residencies provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both 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, along with board certification, if available.

Program Structure

Residency program experiences include a combination of concentrated, extended, and longitudinal rotation experiences. Additional months of required experiences are also available as electives. Availability of experiences are as follows:

Learning Experience	Duration (minimum)	Designation	Sequence during residency year
Orientation	4 weeks	Required	July
Clinical Pharmacogenomics Rotation I	4 weeks	Required	First half of year
Clinical Pharmacogenomics Rotation II	4 weeks	Required	First half of year
Clinical Pharmacogenomics Rotation III	4 weeks	Required	Second half of year
Clinical Pharmacogenomics Rotation IV	4 weeks	Required	Second half of year
Ambulatory Care Primary	4 weeks	Required	First or second half of year
Ambulatory Care Specialty	4 weeks	Required	First or second half of year
Drug Information	4 weeks	Required	First or second half of year
Independent Practice	2 week	Required	First or second half of year
Ambulatory Care Specialty II	4 weeks	Elective	First or second half of year
Oncology	4 weeks	Elective	First or second half of year
Pediatrics	4 weeks	Elective	First or second half of year
Pharmacy Informatics and Technology	4 weeks	Elective	First or second half of year
Psychiatry	4 weeks	Elective	First or second half of year
Solid Organ Transplant	4 weeks	Elective	First or second half of year
Clinical Operations (Staffing)	Longitudinal (15 weekends / year)	Required	N/A
Resident On-call*	Longitudinal – 52 weeks (minimum of 12 shifts)	Required	N/A
Presentations	Longitudinal (1 year; 2-5 hours/month)	Required	N/A
Drug Use Evaluation / Quality Improvement Project	Longitudinal (1 year; 2-5 hours/month)	Required	N/A
Research / Large Project	Longitudinal (1 year; 2-5 hours/month)	Required	N/A

*Resident on-call shifts consist of 6-hour on-site duties (from 3-9 pm)

Last updated: 05/22/2025