Cleveland Clinic

Department of Pharmacy

PGY2 Pharmacy Informatics Residency

Program Purpose

PGY2 Pharmacy Informatics 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.

This residency is designed to provide the resident with the skills needed to operate independently as a specialist in the practice of Pharmacy Informatics in all practice areas, whether that be as a sole pharmacy informatics resource in a small hospital, or as part of a team in a large academic medical center. Additionally, the residency aims to provide the resident with leadership, practice techniques, and skills needed to work as an Informatics Pharmacist regardless of technology used at their practice sites

Program Structure

Residency program experiences include a combination of concentrated and longitudinal rotation experiences. Availability of experiences are as follows:

Learning Experience	Duration	Designation	Sequence during residency year
Orientation	3 weeks	Required	July
Reporting & Analytics	6 weeks	Required	First half of year
Automation & Technology	6 weeks	Required	First half of year
Orders Management	8 weeks	Required	First half of year
Clinical Decision Support	6 weeks	Required	Second half of year
Precepting and Teaching	4 weeks	Required	Second half of year
Ambulatory Informatics	6 weeks	Elective	Second half of year
Oncology Informatics	6 weeks	Elective	Second half of year
Antimicrobial Stewardship	6 weeks	Elective	Second half of year
Content Management	6 weeks	Elective	Second half of year
Informatics Theory	Longitudinal (6 months)	Required	First half of year
Willow Proficiency	Longitudinal (6 months - includes 2 weeks dedicated time)	Required	First half of year
Informatics Leadership	Longitudinal (6 months)	Required	Second half of year
Informatics On-Call	Longitudinal (4 weeks/year)	Required	Second half of year
Traditional Staffing	Longitudinal (minimum 14 weekends/year)	Required	N/A
Resident On-Call	Longitudinal (minimum 12 shifts/year)[b]	Required	N/A
Informatics Research Project & Technology Use Evaluation	Longitudinal (1 year - includes 4 weeks dedicated time)	Required	N/A
Presentations/Teaching	Longitudinal (1 year)	Required	N/A

a. Deviations in rotation length will be denoted in a resident's individual development plan.

b. Resident on-call shifts consist of 6-hour on-site duties from 3-9pm.

Updated 4/15/2025