

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. 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 |
|--|--|-------------|--------------------------------|
| Orientationa | 3 weeks | Required | July |
| Reporting & Analytics | 5 weeks | Required | First half of year |
| Informatics Practice Management | 2 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 ^b | Required | Second half of year |
| Ambulatory Informatics | 6 weeks ^c | Elective | Second half of year |
| Oncology Informatics | 6 weeks ^c | Elective | Second half of year |
| Antimicrobial Stewardship | 6 weeks ^c | Elective | Second half of year |
| Content Management | 6 weeks ^c | Elective | Second half of year |
| Informatics Theory | Longitudinal (6 months) | Required | First half of year |
| Willow Proficiency | Longitudinal (6 months – includes 1 week 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 | N/A |
| Traditional Staffing | Longitudinal (15 weekends/year) | Required | N/A |
| Resident On-Call | Longitudinal (15 days/year) | Required | N/A |
| Informatics Research Project & Technology Use Evaluation | Longitudinal (1 year) | Required | N/A |
| Presentations/Teaching | Longitudinal (1 year) | Required | N/A |

- a. Residents who enter the program as an early commit will not have an orientation learning experience
- b. Precepting learning experiences may vary in length from 4-6 weeks. This is contingent on the school of pharmacy's APPE schedule and out of the control of the residency program.
- c. Elective experiences may vary in length due to factors such as Midyear timing, and remaining weeks in residency year after all required rotations are completed.

Updated 5/28/22