PGY2 Pharmacy Informatics

The PGY2 residency in pharmacy informatics draws upon the clinical foundation of entering residents, including general competencies for managing medication-use systems and the support of optimal medication therapy outcomes. The residency trains individuals who can lead the evolution of organizations’ medication-use systems by applying pharmacy informatics principles, standards, and best practices. Graduates are adept in the language and concepts of information technology (IT), equipping them to function in the interdisciplinary environment of informatics project teams.

PGY2 pharmacy informatics residency graduates are prepared to enter practice positions in a variety of environments. The broad scope of Indiana University Health’s PGY2 pharmacy informatics training enables graduates to be successful in a small hospital, a subspecialty of pharmacy informatics in a large healthcare system, governmental healthcare informatics initiatives or to design innovative technology and informatics solutions within healthcare, including the software industry.

The residency instills the capacity to identify where technology and automation systems can work to improve the medication-use system. Graduates are prepared to be leaders who will take the initiative to advocate the pharmacy informatics perspective and command respect for their technical skills. Graduates exit with the capacity to contribute pharmacy leadership to the project life cycle of significant pharmacy information technology and automation initiatives. Such projects include the creation of clinical decision support programming; ensuring the accuracy of medication order intent; guiding clinicians to appropriate medication use; and selection, acquisition, implementation, and evaluation of technology and automation systems that support pharmacy operations.

Application Requirements

The qualified applicant must possess a Doctor of Pharmacy Degree from an accredited college of pharmacy and must be eligible for Indiana licensure. Completion of a prior ASHP-accredited PGY1 residency is required. All offers are contingent upon a background check, reference check, and preplacement health assessment, which includes a drug test.

<table>
<thead>
<tr>
<th>Contact:</th>
<th>Application Deadline: January 2</th>
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<tbody>
<tr>
<td>Lisa Starost, PharmD, MBA</td>
<td>Requirements for application via PhORCAS:</td>
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<tr>
<td>Residency Program Director</td>
<td>Letter of Intent</td>
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<tr>
<td>Manager, Pharmacy and Surgical Informatics</td>
<td>Curriculum Vitae</td>
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<tr>
<td>Indiana University Health, Landmark</td>
<td>Three letters of recommendation</td>
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<tr>
<td>1099 N. Meridian St. Indianapolis, IN 46204</td>
<td>Official college transcripts</td>
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<tr>
<td>317.963.5821</td>
<td><a href="mailto:lstarost@iuhealth.org">lstarost@iuhealth.org</a></td>
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# Rotation Structure

## Required Block Rotations
- IU Health Onboarding: Operations (4 weeks)
- Informatics Essentials (2 weeks)
- Pharmacy Informatics Leadership (4 weeks)
- System Medication Use and Policy (4 weeks)
- Specialty Informatics (4 weeks)
- System Inventory Systems (2 weeks)

## Required Longitudinal Experiences (1-2 Hours minimum per week)
- Formulary Maintenance (5 months)
- Pharmacy Automation (5 months)
- Surgical Informatics (5 months)
- Clinical Decision Support (5 months)
- Clinical Decision Support (DRC) and Analytics (5 months)
- Prescription Interoperability and Retail Pharmacy (5 months)
- Surgical Informatics (3 months)
- Formulary Transition (10 weeks)
- Research (8 months)
- Staffing (12 months)

## Optional Block Rotations
- Medication Safety
- Clinical Rotation (based on PGY1 and PGY2 rotations offered by IU Health and availability)

## Additional Experiences
- Longitudinal Teaching at Butler University

## Concentrated Experiences
- Grand Rounds
- Staffing
- Research project with presentation at Great Lakes

## PGY-2 Pharmacy Informatics Rotation Completion Requirements

<table>
<thead>
<tr>
<th>General PGY-2 Completion Requirements</th>
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<tbody>
<tr>
<td>• Earn an “Achieved for Residency” status on at least 80% of the program objectives</td>
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<td>• Successfully complete a research project with manuscript</td>
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<td>• Successfully complete an ACPE accredited presentation</td>
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<td>• Complete 12 months of training</td>
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For more information, please visit our website- luhealth.org/education/pharmacy-residency-programs