PGY2 Infectious Diseases

The goal of this residency is to produce a clinical pharmacist with expertise at managing patients with infectious diseases and develop future leaders in antimicrobial stewardship. The residency is designed to transition PGY1 residency graduates from general hospital practice to specialized practice focused on the care of patients with infectious diseases through incorporation with an experienced antimicrobial stewardship team (AST).

The antimicrobial stewardship program at Indiana University Health has been in place for over 20 years and has been training PGY2 infectious diseases residents throughout that time. The AST and residency program focuses on: 1) Application of sound pharmacokinetic and pharmacodynamic principles in the selection of rational antimicrobial dosing. 2) Integration with the microbiology laboratory to provide rapid and useful information to clinicians. 3) Optimization of electronic resources, selection of antimicrobial agents for formulary and drug shortage management. 4) Investigations in both quality improvement projects and benchtop research to drive innovation in practice. 5) Collaboration with multiple health care teams, both inpatient and outpatient, providing comprehensive medication management to patients with infectious diseases following a consistent patient care process.

Residency graduates will be able to independently guide stewardship activities, integrate with infectious disease teams in both academic and community settings, managing formulary and medication-use processes for antimicrobials. Beyond designing improvements in the anti-infective use processes, graduates will be proficient in studying and reporting these changes to ensure optimal use of medications. Success in these areas also includes the ability to provide effective medication and practice-related education to infectious diseases patients, caregivers, students, health care professionals, and the public. Graduates of the Indiana University Health PGY2 Infectious Diseases Residency will be able to establish themselves as an expert for infectious diseases pharmacy-related information and resources in a diverse range of practice settings.

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. If selected for an on-site or virtual interview, a presentation and completion of clinical case will be required.

Contact:
Jon Hiles, PharmD, BCIDP
Residency Program Director
Senior Clinical Pharmacist- Infectious Diseases
Indiana University Health Adult Academic Health Center
1701 N. Senate Blvd Indianapolis, IN 46202
317.963.3044
JHiles@iuhealth.org

Application Deadline: January 2

Requirements for application via PhORCAS:
- Letter of Intent
- Curriculum Vitae
- Three letters of recommendation
- Official college transcripts

For more information, please visit our website- luhealth.org/education/pharmacy-residency-programs
## Rotation Structure

### Required Block Rotations
- Antimicrobial Stewardship
  - Methodist Hospital
  - University Hospital
- Inpatient Infectious Diseases Rounding
  - Methodist Hospital
  - University Hospital
- Clinical Microbiology
- HIV Management
- Critical Care

### Required Longitudinal Experiences
- HIV Management, LifeCare Program
- Pharmacokinetics/Pharmacodynamics/Therapeutic Drug Monitoring

### Optional Block Rotations
- Pediatrics Stewardship
- Pediatric HIV
- Internal Medicine
- Hematology / Oncology / BMT
- Organ Transplant
- Emergency Medicine
- Pulmonary
- Hepatitis C

### Required Longitudinal Experiences
- HIV Management, LifeCare Program
- Pharmacokinetics/Pharmacodynamics/Therapeutic Drug Monitoring

### Additional Required Experiences
- Research project with manuscript and/or poster
- Antimicrobial Stewardship Committee
- Stewardship Metrics
- IU Health Chief Resident Meetings
  - (1) Grand Rounds Presentation
  - (1) ACPE-Accredited Continuing Education Presentation
- Coordinating Infectious Diseases Journal Club

### Additional Available Activities
- Teaching Certificate
- Precepting PharmD Students
- Precepting PGY1 Residents
- Didactic Lecture Opportunities with Purdue or Butler
- Residency Recruitment
- Vaccination Certification
- Benchtop Research
- Grant Writing
- Allowed to Attend 2 National Meetings in a Year (includes Midyear if attending)
- Attend Regional Great Lakes Pharmacy Residency Conference

### ID Residency Council
- John Bomkamp, PharmD, BCIDP, AAHIVP
- Armisha Desai, PharmD, BCIDP
- Eric Farmer, PharmD, BCPS, AAHIVP
- Kaitlyn Rueve, PharmD, BCPS, AAHIVP
- Emily Whiffen, PharmD, BCACP, AAHIVP
- Justin Wrin, PharmD, BCIDP

### Physician Leadership
- Haley Pritchard, MD
- Infectious Diseases Physician
- Methodist and University Hospital Director
- Antimicrobial Stewardship

For more information, please visit our website-
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### PGY-2 Infectious Diseases Program Completion Requirements

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<thead>
<tr>
<th>General PGY-2 Completion Requirements</th>
<th>Infectious Diseases Specific 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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<tr>
<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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<td>• Participate in the ID Clinical Council</td>
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<td>• Participate in Microbiology Meeting</td>
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<td>• Coordinate the Infectious Diseases Journal Club</td>
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<td>• Contribute to efforts of formulary management</td>
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<tr>
<td>• Successfully complete a research project with manuscript and/or poster and present at a national meeting</td>
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