



## PGY-2 Infectious Diseases Residency

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.

### **ID Residency Council:**

Armisha Desai, PharmD, BCPS  
Eric Farmer, PharmD, BCPS, AAHIVP  
Emily Huesgen, PharmD, BCACP, AAHIVP  
Brooke Stevens, PharmD, BCPS, AAHIVP  
Tate N. Trujillo, PharmD, BCPS, FCCM, FASHP  
Justin Wrin, PharmD, BCPS

### **Physician Leadership:**

Lana Dbeibo, MD  
Infectious Diseases Physician  
Methodist Hospital Director of Infection Control

### **Residency Program Director:**

Jon Hiles, PharmD, BCPS (AQ-ID)  
Clinical Pharmacist – Infectious Diseases  
317.963.3044 Office  
[jhiles@iuhealth.org](mailto:jhiles@iuhealth.org)

**Deadline for application:** December 31st

### **Requirements for application:**

- Doctor of Pharmacy
- PGY-1 residency or equivalent experience
- Letter of intent
- Curriculum vitae
- Three letters of recommendation
- Official college of pharmacy transcripts
- On-site Interview
- On-site Presentation



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### Required Experiences:

Antimicrobial Stewardship  
– Methodist Hospital  
– University Hospital  
Inpatient Infectious Diseases Rounding  
– Methodist Hospital  
– University Hospital  
Clinical Microbiology  
HIV Management  
Critical Care

### Elective Experiences:

Pediatrics Stewardship  
Pediatric HIV  
Internal Medicine  
Hematology / Oncology / BMT  
Organ Transplant  
Emergency Medicine  
Pulmonary  
Hepatitis C

### Required Longitudinal Experiences & Activities:

HIV Management, LifeCare Program  
Pharmacokinetics/Pharmacodynamics/Therapeutic Drug Monitoring  
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

### Other 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

For more information on practice sites visit [www.iuhealth.org/education/pharmacy-residency-programs](http://www.iuhealth.org/education/pharmacy-residency-programs)

