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
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**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
PGY-2 Infectious Diseases Residency

**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)