Department of Pharmacy
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New York, NY 10032

http://www.nyp.org/pharmacy

PGY2 Pharmacy Residency Program
Infectious Diseases
NewYork-Presbyterian Hospital is the largest, not-for-profit, non-sectarian hospital in New York. With more than 2,600 beds, it provides state-of-the art inpatient, ambulatory, and preventive care in all areas of medicine at seven major centers: Weill Cornell Medical Center, Columbia University Irving Medical Center, Morgan Stanley Children's Hospital, Phyllis and David Komansky Center for Children's Health, Lower Manhattan Hospital, Allen Hospital, and Westchester Division.

As one of the largest and most comprehensive healthcare institutions in the world, NewYork-Presbyterian Hospital is committed to excellence in patient care, research, education, and community service. It ranks tenth on the U.S. News & World Report's guide to Best Hospitals. This academic medical center has affiliations with two of the nation's leading medical colleges: Weill Cornell Medical College and Columbia University Vagelos College of Physicians and Surgeons.

The Division of Infectious Diseases (ID) is responsible for general ID consultations, the transplant ID service, the inpatient ID service (a unit dedicated to the care of patients with HIV and tuberculosis), hospital epidemiology, and infection control. Antimicrobial stewardship activities have been ongoing since 2000 at NewYork-Presbyterian Hospital with the goal of optimizing antimicrobial use, stabilizing antimicrobial resistance, improving patient safety, and decreasing antimicrobial costs.

At NewYork-Presbyterian Hospital, we aim to provide pharmacy residents with the most comprehensive and advanced training possible. With our 6 dedicated ID pharmacy specialists, over 50 clinical pharmacy specialists, and world-renowned ID physicians, we ensure that our residents graduate from the program as competent and independent practitioners.

*We hope you are interested in joining our team!*
Application Requirements

Admission to the residency program is available to PharmD graduates of accredited colleges of pharmacy after completing a PGY1 residency program (or equivalent). Residents must be United States citizens or carry a permanent resident visa. New York licensure is required.

A limited (Intern) permit, issued by the office of Professions – New York State Board of Pharmacy, is necessary until licensure as a pharmacist in New York is obtained.

NYP Residency Programs participate in the ASHP-associated Pharmacy Online Residency Centralized Application Service (PhORCAS). To apply for the residency program, the following items must be submitted through PhORCAS by the due date to be considered for an on-site interview:

- Letter of intent stating goals and interests
- Curriculum vitae
- Three references in PhORCAS
- Official college of pharmacy transcript

For additional information, please contact:

Christine Kubin, PharmD, BCPS-AQID
Residency Program Director
NewYork-Presbyterian Hospital
Department of Pharmacy
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The PGY2 Infectious Diseases Pharmacy Residency at NewYork-Presbyterian Hospital provides a comprehensive infectious diseases experience. As a resident you will have the opportunity to work with infectious diseases pharmacy and physician clinicians with expert knowledge and skills in both clinical infectious diseases and antimicrobial stewardship. Recently designated as an Infectious Diseases Society of America (IDSA) Antimicrobial Stewardship Center of Excellence, the antimicrobial stewardship program provides high quality care through numerous approaches aimed at improving antimicrobial use and patient outcomes including prior approvals, prospective audit and feedback, integration of rapid diagnostics, pharmacodynamic dose optimization, medical provider education, and over 35 antimicrobial use clinical guidelines.

Residents will rotate and work with clinicians at both main campuses, Columbia University Irving Medical Center and Weill Cornell Medical Center, allowing for development of clinical expertise across medical, surgical, and immunocompromised patient populations, including the care of solid organ transplant recipients and hematology/oncology/stem cell transplant patients. During the microbiology lab rotation, the resident will rotate through the various specimen benches and work with Clinical & Laboratory Standards Institute (CLSI) leaders to gain insight on the latest technology and methods of identification and susceptibility testing for bacteria, fungi, viruses, and parasites. On weekends, residents utilize their skills combined with clinical surveillance tools to perform therapeutic drug monitoring and antimicrobial stewardship across the campuses. Finally, residents are provided opportunities to teach their colleagues as well as Infectious Diseases Attendings and Fellows through didactic opportunities, small group teaching, and team based learning activities. Together with administrative experience gained through participation in the Anti-Infective Subcommittee and the institution-wide Antimicrobial Stewardship committee, the resident will be exposed to a well-rounded program designed to facilitate expert knowledge and skills across a variety of patient populations.
All residents are required to complete rotations in core subject areas considered essential to providing a well-rounded experience. In addition, a wide variety of elective rotations are offered, allowing residents flexibility in pursuing their individual areas of interest.

**Required rotations**

- **Clinical Microbiology** 3 weeks
- **Infectious Diseases Consult (Adult)** 12 weeks
- **Transplant Infectious Diseases** 4 weeks
- **Critical Care** 4 weeks
- **Antimicrobial Stewardship** 8 weeks

**Elective rotations**

- **Infectious Diseases Consult (Pediatrics)** 4 weeks
- **Transplant Infectious Diseases** 4 weeks
- **Inpatient Infectious Diseases/HIV Service** 4 weeks
- **Hematology/Oncology/HSCT** 4 weeks
- **Solid Organ Transplant (Liver/Lung)** 4 weeks
- **Infectious Diseases Consult (Adult)** 4 weeks

**Required longitudinal experiences**

- Antimicrobial Stewardship
- Antimicrobial Stewardship/Medication Use Evaluation (MUE)
- Research project
- Anti-Infective Formulary and Therapeutics Subcommittee
- HIV Ambulatory Care

Additional experiences include developing teaching skills by providing inservice presentations to pharmacy staff and other health care providers, precepting PGY1 residents and pharmacy students, leading case-based clinical discussions, and critically evaluating literature.

**Infectious Diseases Pharmacy Residency Recent Alumni**

**2014-2015**

George Rodriguez, PharmD  
Research: *Evaluation of antifungal prophylaxis regimens in acute myeloid leukemia patients receiving induction or re-induction chemotherapy*  
First and Current Position: Infectious Diseases Clinical Pharmacist and Coordinator, Antimicrobial Stewardship Program, NewYork-Presbyterian/Queens

**2015-2016**

Patrick Lake, PharmD  
Research: *Comparison of monotherapy versus combination therapy for Stenotrophomonas maltophilia pneumonia including trimethoprim-sulfamethoxazole-containing and -sparing regimens*  
First Position: Clinical Pharmacy Manager, Infectious Diseases, NewYork-Presbyterian Hospital/Columbia University Irving Medical Center  
Current Position: Infectious Diseases Clinical Pharmacist, Hackensack University Medical Center

**2016-2017**

Lydia D’Agostino, PharmD, BCPS  
Research: *Influence of polymyxin B dose on development and recovery of acute kidney injury*  
First Position: Clinical Pharmacy Specialist, Infectious Diseases, Norton Healthcare  
Current Position: Lead Pharmacist, Antimicrobial Stewardship, Baystate Medical Center

**2017-2018**

Jennifer Cheng, PharmD  
Research: *Impact of minocycline use on outcomes of Gram-negative infections and implications of MIC*  
First and Current Position: Clinical Pharmacy Manager, Infectious Diseases, NewYork-Presbyterian Hospital/Columbia University Irving Medical Center
Meet Our Current Resident

Jamie John, PharmD
PGY2 Infectious Diseases Pharmacy Resident
NewYork-Presbyterian Hospital
Email: jaj9103@nyp.org
PharmD: Rutgers, the State University of New Jersey
PGY1: Christiana Care Health System

Infectious Diseases Pharmacy Residency Recent Alumni

2011-2012
Shari Rosen, PharmD, BCPS
Research: Factors associated with the development of resistance in patients receiving polymyxin B
First Position: Clinical Pharmacist, Infectious Diseases/Antimicrobial Stewardship, Capital Health Medical Center
Current Position: Clinical Pharmacist, Infectious Diseases, Regional Medical Center of San Jose

2012-2013
Wai-Ying Lam, PharmD, BCPS
Research: Nephrotoxicity of polymyxin B comparing once daily dosing versus divided dosing
First Position: Clinical Pharmacy Manager, Internal Medicine/Infectious Diseases, NewYork-Presbyterian Hospital/Lower Manhattan Hospital
Current Position: Clinical Practice Specialist Infectious Diseases, The University of Texas Medical Branch

2013-2014
Brian Nelson, PharmD
Research: Clinical outcomes associated with polymyxin B dose in patients with bloodstream infections due to carbapenem-resistant gram negative rods
First and Current Position: Clinical Pharmacy Manager, Infectious Diseases, NewYork-Presbyterian Hospital/Columbia University Irving Medical Center

Curriculum

The NewYork-Presbyterian Hospital (NYP) PGY2 residency program in Infectious Diseases is a full-time post-graduate training program for practitioners who desire to advance their knowledge and skills in infectious diseases pharmacotherapy. Our program is committed to providing residents with the knowledge, skills, and clinical leadership needed to practice as an integral member of the infectious diseases interdisciplinary team. This involves intensive training in a wide variety of practice settings with a diverse patient population which NYP is uniquely capable of providing, including immunocompromised hosts and antimicrobial stewardship. The program is flexible and focuses on the goals of the resident, but is intended to provide a well-rounded clinical, research, and teaching experience.

Employment Information

PGY2 Pharmacy Residency Program in Infectious Diseases
Duration: 12 months
Positions: 1
Starting Date: July 1, 2019
Estimated Stipend: $51,500
Application Deadline: January 3, 2019
Interview Required: Yes

Benefits
Additional benefits include health, dental and life insurance, sick leave, paid time off, and travel reimbursement for professional meetings. Residents also qualify for onsite subsidized housing, if available.
Meet Our Preceptors

**Christine Kubin, PharmD, BCPS-AQID**
Program Director, Infectious Diseases Residency
*Columbia University Irving Medical Center*
Email: cmk9005@nyp.org
PharmD: University of North Carolina at Chapel Hill
PGY1: Bronx Veterans Affairs Medical Center

**Brian Nelson, PharmD**
*Columbia University Irving Medical Center*
Email: bmn9016@nyp.org
PharmD: Mercer University
PGY1: University of California San Diego
PGY2 (Infectious Diseases): NewYork-Presbyterian Hospital

**Angela Loo, PharmD, BCPS-AQID**
*Weill Cornell Medical Center*
Email: anl9101@nyp.org
PharmD: University of Michigan
PGY1: Vanderbilt University Medical Center
PGY2 (Infectious Diseases): Northwestern Memorial Hospital, Midwestern University

**Shawn Mazur, PharmD**
*Weill Cornell Medical Center*
Email: shm9199@nyp.org
PharmD: Regis University School of Pharmacy
PGY1: UC San Francisco Medical Center
PGY2 (Infectious Diseases): The Johns Hopkins Hospital

**Monica Mehta, PharmD, MPH, BCPS**
*Columbia University Irving Medical Center*
Email: mem9059@nyp.org
BS: University of Houston
PharmD: University of Texas at Austin
MPH: Columbia University
PGY2 (Infectious Diseases): NewYork-Presbyterian Hospital

**Jennifer Cheng, PharmD**
*Columbia University Irving Medical Center*
Email: jec9310@nyp.org
PharmD: Rutgers, the State University of New Jersey
PGY1: Hackensack University Medical Center
PGY2 (Infectious Diseases): NewYork-Presbyterian Hospital