PGY2 Pharmacy Residency Program
Critical Care

Department of Pharmacy
622 West 168th Street, VC-B
New York, NY 10032

http://www.nyp.org/pharmacy
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, The 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 eighth 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 College of Physicians and Surgeons.

NewYork-Presbyterian has an extensive system of Intensive Care Units that offer the highest level of expertise in trauma and critical care management, with dedicated specialists available 24 hours per day. Our 17 ICUs house over 400 patient beds. Each year, over 15,000 patients are admitted to these facilities for critical care.

We hope you are interested in joining our team!

Recent NYP Critical Care Pharmacy Residency Alumni

**2014-2015**

Caroline Der-Nigoghossian, PharmD, BCCCP  
Research: Effect of ECMO use on sedative requirements during severe ARDS  
MUE: Remifentanil use in the operating room  
First Position: Adult Critical Care/Spinal Cord Unit Clinical Pharmacy Manager, NewYork-Presbyterian Hospital  
Current Position: Neurocritical Care Clinical Pharmacy Manager, NewYork-Presbyterian Hospital

Veronica Raco, PharmD, BCCCP  
Research: Tolerability of subanesthetic ketamine in postoperative patients  
MUE: Effectiveness and tolerability of a heparin guideline for patients receiving ECMO  
First and Current Position: Internal Medicine Pharmacotherapy Specialist, New York University Langone Medical Center

**2015-2016**

Adam Pennoyer, PharmD  
Research: Rocuronium vs. cisatracurium for the treatment of moderate to severe acute respiratory distress syndrome  
MUE: Evaluating outcomes of intracoronary sodium nitroprusside versus intracoronary nicardipine for slow or no-reflow during percutaneous coronary intervention  
First and Current Position: Clinical Assistant Professor, Fairleigh Dickinson University School of Pharmacy

Samantha Moore, PharmD  
Research: An evaluation of the use of ketamine as an adjunct sedative in the surgical intensive care unit  
MUE: An evaluation of inhaled iloprost therapy at a large academic medical center  
First and Current Position: Assistant Professor, St. John’s University College of Pharmacy

**2015-2016**

Brittany Verkerk, PharmD  
Research: Comparison of sedative requirements in patients with ARDS receiving ECMO in obese versus non-obese patients  
MUE: Aminocaproic acid for reversal of tPA  
First and Current Position: Adult Critical Care/Spinal Cord Unit Clinical Pharmacy Manager, NewYork-Presbyterian Hospital

Melissa Santibañez, PharmD  
Research: Comparison of PCC for warfarin and non-warfarin reversal  
MUE: Evaluation of nimodipine use in subarachnoid hemorrhage  
First and Current Position: Department of Clinical and Administrative Sciences at Larkin Health Sciences Institute
Meet Our Residents

Katarzyna Gosek, PharmD
PGY2 Critical Care Pharmacy Resident
NewYork-Presbyterian Hospital
Email: kag9142@nyp.org
PharmD: Temple University School of Pharmacy
PGY1: Penn Presbyterian Medical Center
Research: Effects of high vs. low dose vasopressin in septic shock
MUE: Evaluation of cangrelor

Teresa Poon, PharmD
PGY2 Critical Care Pharmacy Resident
NewYork-Presbyterian Hospital
Email: tep9027@nyp.org
PharmD: Long Island University
PGY1: Mount Sinai Beth Israel
Research: Risk factors for invasive candidiasis in surgical patients after intra-abdominal procedures
MUE: Evaluation of intrapleural tPA and dornase

Critical Care at NewYork-Presbyterian

NewYork-Presbyterian is an internationally-renowned quaternary care referral center able to provide for a variety of high-acuity patients. Within the hospital, we run a Level I Trauma Center and two Level I Pediatric Trauma Centers. Advanced interventions include solid organ transplantation, extracorporeal membrane oxygenation, neurosurgery, sophisticated brain monitoring, burn care, and complex surgical procedures.

Columbia University Irving Medical Center
Coronary Care Unit
Cardiothoracic ICU
Medical ICU
Neurosciences ICU
Surgical ICU

Weill Cornell Medical Center
Burn ICU
Coronary Care Unit
Cardiothoracic ICU
Medical ICU
Neurosciences ICU
Surgical ICU
Neonatal ICU
Pediatric ICU

The Allen Hospital
Mixed Medical/Surgical ICU

Lower Manhattan Hospital
Mixed Medical/Surgical/Neurosciences ICU

Morgan Stanley Children’s Hospital
Cardiac ICU
Neonatal ICU
Pediatric ICU
Program Overview

The NewYork-Presbyterian Hospital (NYP) PGY2 residency program in Critical Care was established in 2007 and is a full-time post-graduate training program for practitioners who desire to advance their knowledge and skills in critical care pharmacotherapy. Our program is committed to providing residents with the knowledge and skills necessary to become a capable pharmacy practitioner. This involves intensive training in a wide variety of practice settings with a diverse patient population that NYP is uniquely capable of providing. 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 Critical Care

Duration: 12 months  
Positions: 2  
Starting Date: July 1, 2018  
Estimated Stipend: $51,500  
Application Deadline: January 4, 2018  
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 on-site subsidized housing, if available.

Meet Our Preceptors

Liz G. Ramos, BS, PharmD, BCPS, BCCCP  
Medical/Burn Critical Care  
Weill Cornell Medical Center  
Email: lir9012@nyp.org  
PharmD: St. John’s University  
Critical Care Residency: Kingsbrook Jewish Medical Center

Alana Ciolek, PharmD, BCPS  
Cardiothoracic Critical Care  
Columbia University Irving Medical Center  
Email: amc9096@nyp.org  
PharmD: Jefferson College of Pharmacy  
PGY1: The Johns Hopkins Hospital  
PGY2 (Cardiology): The Johns Hopkins Hospital

Caroline Der-Nigoghossian, PharmD, BCCCP  
Neurocritical Care  
Columbia University Irving Medical Center  
Email: cad9105@nyp.org  
PharmD: Lebanese American University  
PGY1: NewYork-Presbyterian Hospital  
PGY2 (Critical Care): NewYork-Presbyterian Hospital

Audrey Littlefield, PharmD, BCPS  
Cardiothoracic Critical Care  
Weill Cornell Medical Center  
Email: ajl9010@nyp.org  
PharmD: University of Connecticut  
PGY1: Yale-New Haven Hospital  
PGY2 (Critical Care): Yale-New Haven Hospital
Curriculum

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**
- Medical Intensive Care 6 weeks
- Surgical Intensive Care 6 weeks
- Neurosciences Intensive Care 6 weeks
- Cardiothoracic Intensive Care/Coronary Critical Care 6 weeks

**Elective Rotations**
- Burn Intensive Care 4 weeks
- Infectious Diseases 4 weeks
- Coronary Care 4 weeks
- Emergency Medicine 4 weeks
- Solid Organ Transplantation (heart, liver, lung) 4 weeks
- Neonatal Intensive Care 4 weeks
- Pediatric Intensive Care 4 weeks
- Nutrition Support 2 weeks

Additional learning experiences include the development of teaching skills by providing in-service presentations to pharmacy staff and other health care providers, precepting PGY1 residents and pharmacy students, leading case-based clinical discussions, and critically evaluating literature.

Meet Our Preceptors

Mona K. Patel, PharmD, BCCCP
Surgical Critical Care
Columbia University Irving Medical Center
Email: mop9020@nyp.org
PharmD: St. Louis College of Pharmacy
PGY1: UF Health Shands Hospital
PGY2 (Critical Care): UF Health Shands Hospital

Justin Muir, PharmD
Medical Critical Care
Columbia University Irving Medical Center
Email: jum9081@nyp.org
PharmD: Rutgers University
PGY1: James J. Peters VA Medical Center
PGY2 (Critical Care): University of Cincinnati Medical Center

Corey Witenko, PharmD, BCPS, BCCCP
Surgical Critical Care
Weill Cornell Medical Center
Email: cjw9004@nyp.org
PharmD: University of Georgia
PGY1: UF Health Jacksonville
PGY2 (Critical Care): UNC Medical Center
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 transcripts

For additional information, please contact:

Amy L. Dzierba, PharmD, BCPS, BCCCP, FCCM
Email: ald9012@nyp.org

Meet Our Preceptors

Amy L. Dzierba, PharmD, BCPS, BCCCP, FCCM
Program Director, Critical Care Residency
Medical Critical Care
Columbia University Irving Medical Center
Email: ald9012@nyp.org
PharmD: Midwestern University Chicago
College of Pharmacy
PGY1: Grady Health System
PGY2 (Critical Care): University of Washington Medical Center/Harborview Medical Center

Karen Berger, PharmD, BCPS, BCCCP
Neurosciences Critical Care
Weill Cornell Medical Center
Email: kab9098@nyp.org
PharmD: University of Florida
PGY1: Yale-New Haven Hospital
PGY2 (Critical Care): University of Illinois at Chicago

Brittany Verkerk, PharmD
Adult Critical Care, Spinal Cord Unit
The Allen Hospital
Email: bsk9003@nyp.org
PharmD: University of the Pacific
PGY1: Stanford Health Care
PGY2 (Critical Care): NewYork-Presbyterian Hospital

Karlene Ma, PharmD, BCPS
Coronary Critical Care
Columbia University Irving Medical Center
Email: kam9080@nyp.org
PharmD: Rutgers University
PGY1: James J. Peters VA Medical Center
PGY2 (Critical Care): NewYork-Presbyterian Hospital