

Critical Care PGY-2 Pharmacy Residency Program

Hospital and Pharmacy Department Overview

Brigham and Women's Hospital, located in Boston's Longwood Medical Area, is a 836-bed nonprofit teaching affiliate of Harvard Medical School and a founding member of Mass General Brigham Inc. BWH was named to the 2023-2024 *U.S. News & World Report* Best Hospitals Honor Roll. BWH was ranked in 12 of the 13 eligible specialties including #1 in Obstetrics & Gynecology, #2 in Diabetes & Endocrinology, #4 in Cancer and #4 in Rheumatology. The Department of Pharmacy provides services to inpatient, outpatient, and satellite clinic locations throughout the Boston area. The department is regarded as an innovator and leader in medication safety technology, clinical information systems, and clinical pharmacy services at the local and national level.



General Information

The Department of Pharmacy at Brigham and Women's Hospital offers a specialized residency in critical care pharmacy practice. This one-year ASHP accredited program is designed to provide advanced training in the area of critical care pharmacotherapy and research.

Program Fundamentals

The primary emphasis of the critical care residency is to develop clinicians with expertise in pharmacotherapy of critical care patient management. Over the course of the year, the resident will gain experience in the management of critical care patients, lead a comprehensive research project, strengthen his or her communication skills through formal and informal presentations and interactions with other healthcare providers in a variety of settings, and participate in critical care and pharmacy-related interdisciplinary hospital committees. In addition, the resident will enhance his or her teaching skills by precepting pharmacy practice residents and students on critical care rotations.

Residents will rotate through at least seven different intensive care units throughout the hospital in addition to the emergency department.

The PGY2 Critical Care Residency program is a yearlong experience running from July 1st to June 30th. Residents will receive a stipend of ~\$65,900, and will be eligible for health, dental, vision and life insurance as well as a 403(b) retirement plan.

For additional information on resident learning experiences, additional required activities, application process, and other specific program details please see the [Pharmacy Residency Manual](#) or check us out on Twitter @BrighamPharmacy. For more information on other programs or the pharmacy department please see the main [BWH Pharmacy Residency page](#).

Critical Care Rotations and Preceptors

Required Learning Experiences	Preceptors A full list of pharmacist preceptors at BWH with photos and titles can be found here
Medical ICU	Kevin Dube PharmD, BCCCP, BCPS, Kaitlin Crowley PharmD, BCCCP, BCPS, Rachel Winner PharmD, BCCCP
Burn/Trauma ICU	Lydia Ware PharmD, BCCCP, BCPS
Coronary Care ICU	Dareen Kanaan, PharmD, MPH, BCCP, BCPS
Neuromedicine ICU	Patricia Cyrus PharmD, BCPS, Melanie Goodberlet PharmD, BCCCP, BCPS
Infectious Diseases	Jeffrey Pearson PharmD, BCIDP, David Kubiak PharmD, BCIDP, BCPS, Brandon Dionne PharmD, BCPS, AAHIVP
Emergency Department	Kaylee Marino PharmD, BCEMP, BCCCP, BCPS, Christine Kim, PharmD, BCCCP, Reem Alsultan, PharmD, BCEMP, BCPS, DABAT, Karlie Knobloch, PharmD, Meghan Laquerre, PharmD, BCCCP
Medication Safety	Heather Dell'Orfano PharmD, CACP, CPPS, BCPS, AQ-Cardiology, Mary Kovacevic Dube, PharmD, BCCCP, BCPS
Advanced Integrated Clinical Pharmacy Practice	Kaitlin Crowley PharmD, BCCCP, BCPS, Jeremy DeGrado PharmD BCCCP
Surgical ICU*	Robert Dannemiller PharmD, BCCCP, BCPS
Mixed Medical-Surgical ICU*	Margo DeLisle PharmD, BCPS, BCCCP
Cardiac Surgery ICU*	Brian Schuler PharmD, BCCCP, BCPS, Evan Wright, PharmD, BCCCP
Thoracic Surgery ICU*	Gaspar Hacobian PharmD, BCPS
*These are selective required rotations. Residents will select one rotation from Group 1 (Surgical ICU or Mixed Medical Surgical ICU) and one rotation from Group 2 (Cardiac Surgery ICU or Thoracic ICU).	
Elective Learning Experiences	
Neonatal ICU	Michael Corrado, PharmD, BCPS
Neurosurgical ICU	Melanie Goodberlet PharmD, BCCCP, BCPS
Hemostatic/Antithrombotic Stewardship	Dareen Kanaan, PharmD, MPH, BCCP, Kaitlin Crowley, PharmD, BCPS, BCCCP
Solid Organ Transplant (Heart)	Miae Kim PharmD, MSc, BCPS
Allergy	Kathleen Marquis PharmD, PhD, BCPS
<ul style="list-style-type: none"> Internal candidates will select 2 elective learning experiences and external candidates will select 1 elective learning experience Any required experience may be repeated as an elective experience with different learning objectives. Any selective required experience that is not chosen as a required rotation can be selected as an elective rotation. All clinical learning experiences listed above are one month (4-5 week) rotations. Some elective experiences may be shorter depending on preceptor availability and the resident specific goals. 	
Longitudinal Experiences (Preceptor based on Rotation Assignment)	
<ul style="list-style-type: none"> ◆ Research Project ◆ Committee Membership ◆ Medication Safety and Quality Improvement ◆ Formal Presentations and Departmental Contributions 	
All longitudinal learning experiences listed above are 52 weeks in duration to be completed throughout the residency year.	

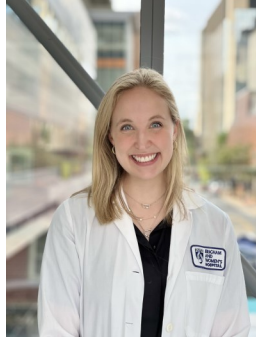


Please see the Critical Care Appendix of the [Pharmacy Residency Manual](#) for additional information on rotation structure

Current BWH Critical Care PGY-2 Residents



Amy Janowski, PharmD
PGY1: Brigham and Women's
Hospital, Boston, MA



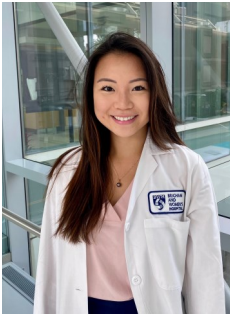
Bridget Betts, PharmD
PGY1: Brigham and Women's
Hospital, Boston, MA



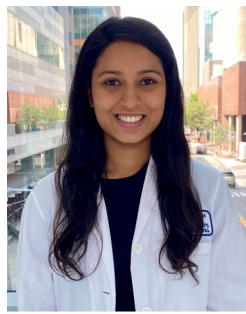
Nihad Medar, PharmD
PGY1: Brigham and Women's
Hospital, Boston, MA

Previous BWH Critical Care PGY-2 Residents

2023-2024



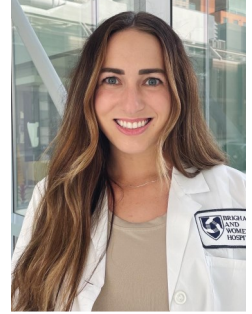
Felicia Wang, PharmD
Clinical Pharmacist
Brigham and Women's
Hospital, Boston, MA



Nandini Patel, PharmD
Critical Care Pharmacist
St. Joseph's University
Medical Center
Paterson, NJ

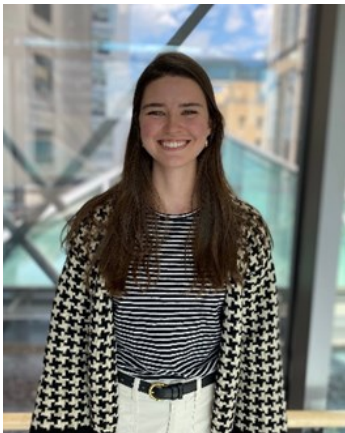


Shayma Alzaidi, PharmD
Pharmacy Fellow in Medication
Safety Outcomes Research &
Pharmacy Informatics,
Brigham and Women's Hospital,
Boston, MA



Skyler Starkel, PharmD, BCCCP
Clinical Pharmacist
Brigham and Women's Hospital,
Boston, MA

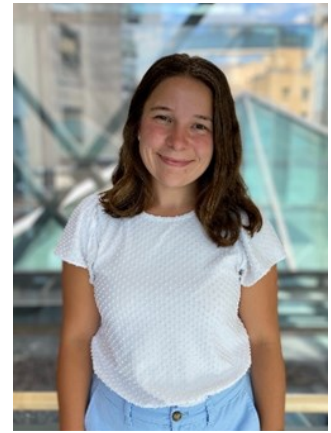
2022-2023



Rachel Winner, PharmD, BCCCP
Clinical Pharmacist
Brigham and Women's Hospital,
Boston, MA

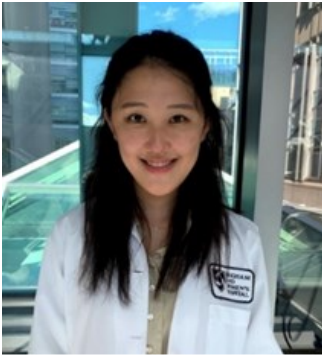


Abdulmajeed Alshehri, PharmD, BCCCP
Clinical Assistant Professor, Clinical Pharmacist
King Saud bin Abdulaziz University for Health
Sciences, King Abdulaziz Medical City,
Riyadh, Saudi Arabia

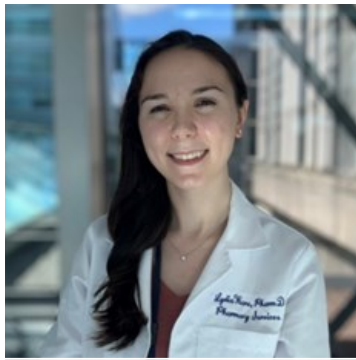


Meghan Cook, PharmD, BCCCP
Clinical Pharmacy Specialist
Brigham and Women's Hospital,
Boston, MA

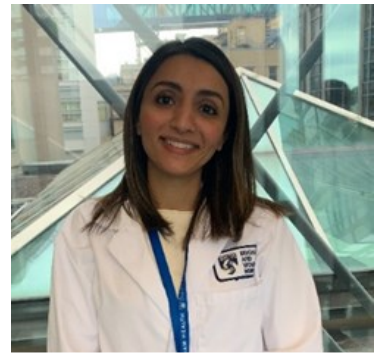
2021-2022



Christine Kim, PharmD, BCCCP
Clinical Pharmacy Specialist,
PGY2 Emergency Medicine
Program Coordinator
Brigham and Women's Hospital, Boston, MA



Lydia Ware, PharmD, BCPS, BCCCP
Clinical Pharmacy Specialist
PGY2 Emergency Medicine
Program Coordinator
Brigham and Women's Hospital, Boston, MA



**Maha Assadoon, PharmD,
BCPS, BCCCP**
Clinical Pharmacist, King Abdulaziz
Medical City,
Riyadh, Saudi Arabia

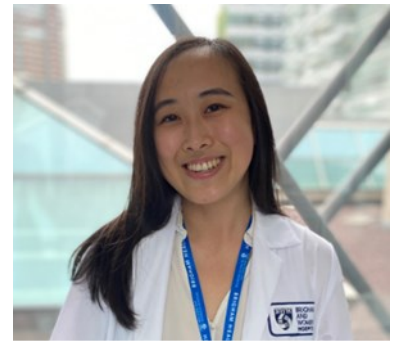
2020-2021



**Mohammed Aldhaefi,
PharmD, FACC, BCCCP**
Coronary Intensive Care Unit Clinical
Pharmacist Specialist,
Howard University Hospital
Clinical Assistant Professor, Howard
University College of Pharmacy,
Washington, DC



**Abby Jane (A.J.) Golash,
PharmD, BCCCP**
Clinical Pharmacy Specialist
Maine Medical Center, Portland, ME

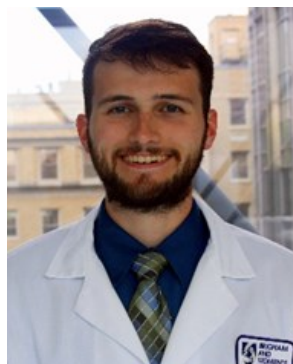


Helen Wang, PharmD, BCCCP
Cardiothoracic ICU Pharmacist New
York Presbyterian Brooklyn Methodist
Hospital, New York, NY

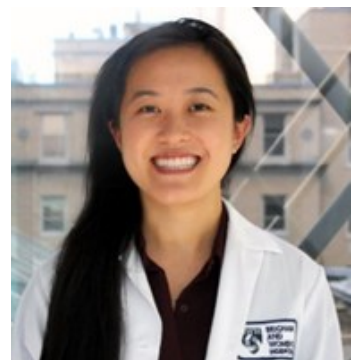
2019-2020



Nicholas Hunt, PharmD, BCCCP
Clinical Specialist, Critical Care,
Rush University Medical Center,
Chicago, IL



Brian Schuler, PharmD, BCCCP
Senior Clinical Pharmacy Specialist,
Brigham and Women's Hospital,
Boston, MA



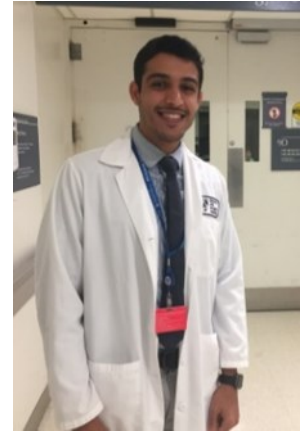
Lena Tran, PharmD, BCCCP
Clinical Pharmacist, Critical Care
Residency Program Director
Advent Health Central Florida
Kissimmee, FL

2018-2019



**Melanie Goodberlet
PharmD, BCPS,
BCCCP**
Senior Clinical Pharmacy
Specialist,
PGY1 Residency Program
Coordinator

**Abdulrahman Alshaya
PharmD, MBA, FCCP, BCCCP,
BCPS**
Assistant Dean of Clinical Affairs,
College of Pharmacy in King Saud
bin Abdulaziz University for Health
Sciences,
Riyadh, Saudi Arabia



2017-2018



**Kaitlin Crowley PharmD,
BCCCP, BCPS**
Senior Clinical
Pharmacy Specialist,
Critical Care PGY2 Program
Coordinator
Brigham and Women's
Hospital, Boston, MA



**Robert Dannemiller
PharmD, BCCCP, BCPS**
Senior Clinical
Pharmacy Specialist,
Brigham and Women's
Hospital, Boston, MA



**Kevin McLaughlin
PharmD, BCCCP, BCPS**
Senior Clinical
Pharmacy Specialist,
Brigham and Women's
Hospital, Boston, MA



**Natasha Romero PharmD,
BCCCP, BCPS**
Clinical Pharmacy Manager,
Residency Program Director
Memorial Healthcare System,
Hollywood, FL

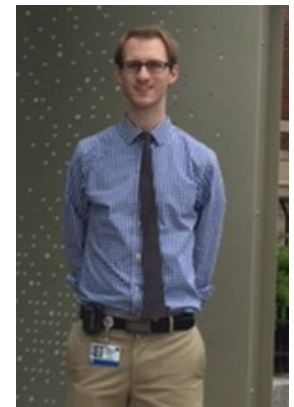
2016-2017



**Megan Barra PharmD, FNCS, FCCM,
BCCCP, BCPS**
Medical Director, Scientific Affairs,
Marinus Pharmaceuticals
Radnor, PA



**Mary Kovacevic Dube PharmD,
BCCCP, BCPS**
Senior Clinical Pharmacy Specialist,
Brigham and Women's Hospital,
Boston, MA



James Schurr MD, PharmD
Cardiovascular Disease Fellow,
Hospital of the University of Pennsylvania,
Philadelphia, PA

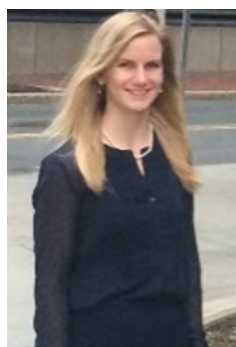
2015-2016

Kevin Dube
PharmD, BCCCP, BCPS
Senior Clinical Pharmacy
Specialist,
Brigham and Women's
Hospital, Boston, MA



Benjamin Hohlfelder
PharmD, BCCCP, BCPS
Clinical Pharmacy Specialist
in Critical Care,
Cleveland Clinic,
Cleveland, OH

2014-2015



Rebecca Nashett PharmD,
BCCCP, BCPS
Clinical Pharmacy Specialist, MICU
University of Vermont,
Burlington, VT



Kimberly Terry PharmD, MS,
BCCCP, BCPS
Clinical Pharmacy Manager,
PGY1 Acute Care
Residency Program Director
University of Utah Health Care,



Brianne Ritchie PharmD, MBA,
BCCCP, BCPS
Critical Care Pharmacist
Nebraska Medicine
Omaha, NE

2013-2014



James Gilmore PharmD,
FCCM, BCCCP, BCPS
Pharmacy Manager, Cedars-
Sinai Medical Center,
Los Angeles, CA

2012-2013



**Abdullah Alhammad
PharmD, BCPS**

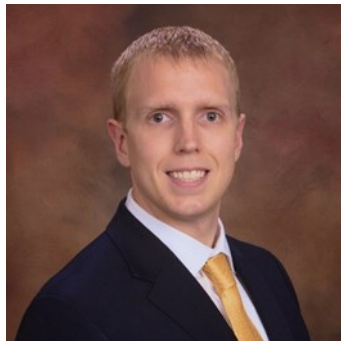
Associate Professor of Clinical Pharmacy, King Saud University & Clinical Manager in Critical Care, Critical Care Residency Program Director, King Saud University Hospital



**Nicole Schroeder PharmD,
BCCCP, BCPS**

Associate Director, Medical Sciences Liaison, NYC/Long Island Respiratory, IPF/ILD Clinical Development and Medical Affairs
Boehringer Ingelheim, Inc.
Ridgefield, CT

2011-2012



**David Reardon PharmD,
BCPS**

Associate Vice President,
Pharmacy Member Services
Vizient Pharmacy Advisory
Solutions

2010-2011

**Heather Torbic PharmD,
FCCM, BCCCP, BCPS**

Clinical Pharmacy Specialist in Critical Care, Cleveland Clinic, Cleveland, OH



Critical Care PGY-2 Residency Leadership Team



Residency Program Director
Jeremy DeGrado PharmD, BCCCP
Clinical Pharmacy Manager
jdegrado@bwh.harvard.edu



Residency Program Coordinator
Kaitlin Crowley PharmD, BCCCP, BCPS
Senior Clinical Pharmacy Specialist, Critical Care
kecrowley@bwh.harvard.edu

Critical Care PGY2 Residency Class of 2024



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