

2025-2026



UMass Memorial Health

PGY2 Cardiology Pharmacy Residency Program



@UMassRxRes

Hospital and Department Overview

UMass Memorial Medical Center (UMMMC) is an 818-bed academic medical center and is part of UMass Memorial Health, the largest health care system in Central Massachusetts. We are the clinical partner of UMass Chan Medical School, with access to the latest technology, research, and clinical trials. The Medical Center consists of three campuses in Worcester, MA: University, Memorial, and Hahnemann Campus.

Since starting the pharmacy residency program in 1995, we have made a significant impact on patient care by becoming an integral part of the medical teams through working directly on the hospital floors and guideline/policy development. We strive for excellence in the training of pharmacy residents, providing a positive and rewarding learning experience. Our programs are committed to training that respects the diversity of our residents and our patient population with an emphasis on professional development and wellness.

General Information

Building on the PharmD education and PGY1 pharmacy residency, the primary emphasis of our accredited PGY2 Cardiology residency is to prepare residents for advanced patient care, academic, or other specialized positions, along with board certification. UMMC provides a diverse range of cardiology learning experiences with a mixed cardiothoracic surgery/cardiovascular intensive care unit, cardiovascular step-down unit, cardiology acute care unit, cardiovascular catheterization lab, and expanding mechanical circulatory support programs. Over the course of the year, the resident will gain experience in the management of cardiovascular patients, lead and initiate research projects, strengthen their communication skills through formal and informal presentations in a variety of settings, and participate in various interdisciplinary hospital committees. Teaching opportunities are also provided through regional colleges of pharmacy as well as our affiliated medical school.

Program Fundamentals

- Accreditation
 - ASHP-accredited
- Duration
 - 12 months, starting July 1st
- Positions Available
 - 1
- Estimated Stipend
 - \$61,300

Program Leadership



Nicholas Servati, PharmD, BCCP
PGY2 Pharmacy Residency Program Director
Clinical Pharmacy Specialist - CVICU
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X (Twitter): @PharmDtotheLAD



Kyle Fraielli, PharmD, BCCP
PGY2 Pharmacy Residency Program Coordinator
Clinical Pharmacy Specialist - General Cardiology
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Prerequisites and Licensure

- Candidates must be PharmD graduates of an accredited college of pharmacy
- Completion of an ASHP-accredited PGY1 pharmacy residency program
- Be eligible for Massachusetts licensure, with successful completion of NAPLEX and MPJE by September 30th
- Candidates must be US citizens or permanent US residents

Application Information

To apply, the following items must be submitted through PhORCAS to be considered for an interview by January 3rd, 2025:

- Letter of Intent
- Curriculum Vitae
- Three references
- Official college transcripts

Program Structure

UMMMC pharmacy residency programs are structured to provide exposure to a variety of practice settings with the goal of developing well-rounded clinical pharmacists. Over the course of one-year, residents will complete required, elective, and longitudinal learning experiences to develop skills in medication management, participating in medical emergencies, leadership, research, precepting, and interprofessional communication and collaboration while simultaneously being exposed to various disease states. Required PGY2 program rotations will focus on the respective specialty area, while electives may focus on other areas of pharmacy practice.

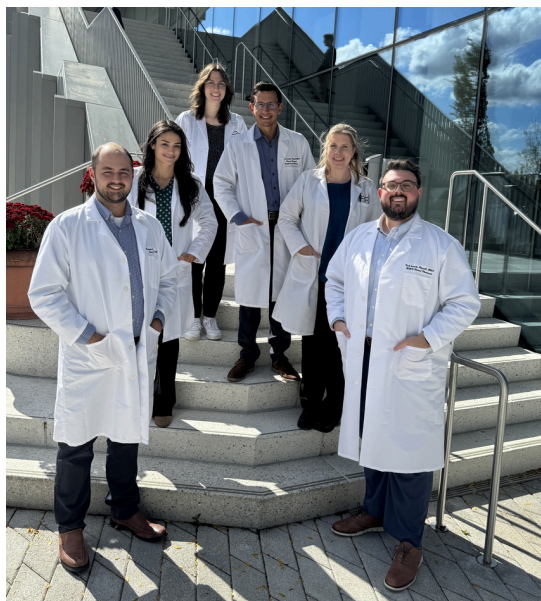
Each resident will complete a two-week orientation at the start of the residency year. The training completed in this introductory course will prepare residents to perform tasks necessary to function in the role of a pharmacist at UMMC. Residents will also be oriented to the pharmacokinetic and emergency response services. PGY2 cardiology residents will also participate in a guideline review boot-camp with preceptors for common cardiology disease states.

The standard length of time for a learning experience in the UMMC PGY2 cardiology residency program is 5 weeks. All required rotations will take place at the University Campus, whereas electives may be at the University or Memorial campus. A one-week project block will be built into the schedule around the midpoint of the year. All required, elective, and longitudinal learning experiences are listed below.

Required Learning Experiences	Elective Learning Experiences (3)	Longitudinal Experiences
<ul style="list-style-type: none"> • Orientation (2 weeks) • Advanced Heart Failure • Anticoagulation Service Management I* • Cardiac ICU I* • Cardiac Surgery • General Cardiology I • Heart Failure <p>*The resident may choose an ICU -or- anticoagulation track to complete a second required rotation in the area of choice</p>	<ul style="list-style-type: none"> • Academia • Anticoagulation Service Management II-III • Cardiac ICU II-III • Cardiometabolic Advanced Therapeutics Clinic (remote) • Electrophysiology • Infectious Disease • Neuro/Trauma ICU • Vascular Surgery • Advanced Cardiology Precepting 	<ul style="list-style-type: none"> • Clinical staffing: <ul style="list-style-type: none"> ◦ Weekend: decentralized, every 3rd weekend ◦ Weekday: centralized, 3 hours every other week • Inpatient Code Blue and Code Stroke Response • Remote/Ambulatory Heart Failure Clinic (monthly) • Presentations <ul style="list-style-type: none"> ◦ 3 Pharmacy Conferences ◦ 1-2 Critical Care Conferences ◦ 1-2 Cardiology Fellows Conferences ◦ 1 Continuing Education • Research Projects (flipped model) • Formulary Project (medication use evaluation or drug class review) • Teaching opportunities <ul style="list-style-type: none"> ◦ Teaching Certificate ◦ Precepting Opportunities (PGY1 residents and APPE students) • Hospital Committees (e.g. Anticoagulation Task Force)

Current Preceptors

Learning Experience	Preceptors
Academia	Abir Kanaan, PharmD
Advanced Heart Failure	Angela Dansereau, PharmD
Anticoagulation Service Management	Kathleen Sargent, PharmD, BCPS
Cardiac ICU	Nicholas Servati, PharmD, BCCP Aidan Fischer, PharmD, BCCP
Cardiac Surgery	Nicholas Servati, PharmD, BCCP
Electrophysiology	Aidan Fischer, PharmD, BCCP
General Cardiology	Kyle Fraielli, PharmD, BCCP
Heart Failure	Angela Dansereau, PharmD
Infectious Disease	Jessica Lomanno, PharmD, BCIDP
Neuro/Trauma ICU	Nadine Jaber, PharmD, BCPS
Cardiometabolic Advanced Therapeutics Clinic	Pia Clive, PharmD, BCPS, BCCP
Vascular Surgery	Kyle Fraielli, PharmD, BCCP Nicholas Servati, PharmD, BCCP



Pictured from left to right:
Aidan Fischer, Pia Clive, Angela Dansereau, Kyle Fraielli, Kathleen Sargeant, Nicholas Servati

Requirements for Successful Completion of the PGY2 Cardiology Residency Program

- Massachusetts Pharmacy Licensure by September 30th
- Completion of all required learning experiences
- Completion of teaching certificate course (if not already acquired during PGY1)
- Achievement of greater than or equal to 80 % of goals and objectives for the program completed by the end of the residency year with a final rating of satisfactory progress in all other ASHP objectives
- By completion of residency program, no objective can be listed as “needs improvement”
- 1-2 Cardiology Fellows Conference presentations
- 3 Pharmacy Conference presentations
- 1 Pharmacy CE presentation
- Document all direct-patient care and/or topic discussions required for the cardiology PGY2 per ASHP standards in PharmAcademic
- Complete MUE or drug class review with formal write up and presentation of results
- Minimum average of 200 interventions/month for clinical rotations, documented in Epic
- Complete staffing and holiday coverage
- Completion of Research Project One
 - Submit study protocol to IRB
 - Complete data collection
 - Complete data analysis
 - Rough draft of manuscript
 - Submit abstract to and present at external forum
- Completion of manuscript worthy of publication
- Start Residency Research Project Number Two
 - Submit study proposal
 - Submit study protocol to IRB for approval
 - Design data collection format
 - Create thorough project handoff
- All conference evaluations have been completed and uploaded into PharmAcademic
- Residency Binder completed and all documents uploaded to PharmAcademic
- Completion of all requirements for graduation within 60 days of graduation date

Current UMMC PGY2 Cardiology Resident



Marc Lauzon, PharmD

PGY1: UMass Memorial Medical Center
Chief Resident

Previous UMMC PGY2 Cardiology Residents

Our program has developed residency graduates who have obtained positions as faculty members at colleges of pharmacy, clinical specialists at large academic medical centers, as well as leadership and administrator positions at health care institutions nationwide.

Name	Position Out of Residency
2023-2024	
Alexandra Cruz Pabon	Cardiology Clinical Specialist <i>Massachusetts General Hospital</i>
2022-2023	
Angela Dansereau	Heart Failure Clinical Pharmacist <i>St. Francis Hospital</i>
Natalie Tabet	Cardiology Clinical Specialist <i>University of Vermont Medical Center</i>
2021-2022	
Emily Kronau	Clinical Pharmacy Specialist - CVICU <i>Lahey Hospital</i>
Brandi Steady	Clinical Pharmacy Specialist - Cardiology <i>Allegheny Health Network Cardiovascular Institute</i>
2020-2021	
Carrie Cicirale	Clinical Pharmacist - General <i>SSM Health Depaul Hospital</i>
Michael Hong	Clinical Pharmacist - Cardiology <i>MedStar Union Memorial Hospital</i>
Celia Wright	Clinical Pharmacist - Heart Failure <i>UMass Memorial Medical Center</i>
... and many more!	



Say Hello to Worcester!

Welcome to the state’s most vibrant and livable mid-sized city! Worcester is the second largest and fastest-growing major city in New England and features a large variety of beautiful scenery, historical sites, and fun indoor and outdoor activities for everyone!

Beyond our mentor program and benefits package, including conference reimbursement and the Employee Assistance Program, we aim to build a well-rounded residency program focusing on developing each resident professionally and personally.



Resident Bonding Events

- Making the most of what Worcester and Central MA has to offer!
- Several ‘Thank-A-Resident’ Days each year dedicated to resident bonding and wellness with clinical services covered by preceptors

Mentor-Mentee Meet & Greet socials!

Local sports teams, hiking, renowned breweries and so much more!

