

2026-2027



@UMassRxRes

Hospital and Department Overview

UMass Memorial Medical Center (UMMMC) is an 800+ 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

The Medication Safety and Policy Pharmacy Residency Program is an ASHP-accredited postgraduate training program that focuses on the development of clinical, analytical, and leadership skills for future leaders in healthcare. The residency offers advanced training in patient safety best practices and emerging technologies with an emphasis on clinical applications and impact on patient care. It is designed to foster knowledge and appreciation for the opportunities in a hospital pharmacy practice setting for patient safety and automation. Residents are paired with a pharmacist mentor to provide professional guidance throughout the year. The resident will gain experience with the implementation and management of National Patient Safety Goals, Joint Commission standards, ADE surveillance, Computerized Prescriber Order Entry (CPOE), smart pump management; controlled access cabinets (Pyxis), point of care barcoding, clinical documentation, and occurrence report review. Throughout the program residents will have teaching opportunities at local colleges of pharmacy.

Program Fundamentals

- Accreditation
 - ASHP-accredited
- Duration
 - 12 months, starting July 1st
- Positions Available
 - 1
- Estimated Stipend
 - \$63,140

Program Leadership



Megan Kayser Leary, PharmD, MSHIM
Director, PGY2 Medication Use Safety & Policy
Residency
Clinical Manager – Pharmacy Informatics
Contact: megan.leary@umassmemorial.org



Ali Laughlin, PharmD
Coordinator, PGY2 Medication Use Safety & Policy
Residency
Clinical Pharmacy Specialist – Pharmacy Informatics
Contact: alison.laughlin@umassmemorial.org

Prerequisites and Licensure

- Candidates must be PharmD graduates of an accredited college of pharmacy
- Completion of an ASHP-accredited PGY1 pharmacy residency
- Candidates must also be eligible for Massachusetts licensure, which must be obtained by October 29th
- 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 11th :

- Letter of intent
- Curriculum vitae

- Three references (at least 1 reference from a clinical preceptor preferred)
- Official college transcript

Program Structure

The program consists of required, longitudinal, and elective experiences tailored to the resident's interest.

Required Learning Experiences (5 weeks)	Elective Learning Experiences (5 weeks)	Longitudinal Experiences
• Orientation (two weeks) • Medication Safety I & II • Medication Safety – Pediatrics • Formulary Management I & II • Pharmacy Informatics • Inpatient Pharmacy Management	• Ambulatory Pharmacy Management • Emergency Medicine/Toxicology • Academia • Antibiotic Stewardship • Research • Any clinical rotation offered through the PGY1 or PGY2 programs	Required • Medication Safety Practice Management • Drug Shortages • Pharmacy Conference ○ Presentations • Residency Research Project • Weekend and UMass observed holiday clinical staffing ○ Weekend: every 3rd or 4th weekend ○ Weekday: 3 hours weekly ○ Holiday coverage rotates among residents
Potential Certification Opportunities • Teaching certificate • ASHP Medication Safety Certificate • ASHP Informatics Certificate • Lean training • ACLS and PALS certification		

Current Preceptors

Learning Experience	Preceptor(s)
Medication Safety I & II	Elizabeth Isaac, PharmD Alison Laughlin, PharmD Megan Leary, PharmD, MSHIM
Pharmacy Informatics	Megan Leary, PharmD, MSHIM Alison Laughlin, PharmD Debbie Wu, PharmD, BCPS
Formulary Management I & II	Emily Dionne, PharmD, BCPS Alison Laughlin, PharmD
Medication Safety – Pediatrics	Ann Considine, PharmD
Inpatient Pharmacy Management	Allison Forni, PharmD, BCCCP Elizabeth Radigan, PharmD, BCPS
Emergency Medicine/Toxicology	Mike DiNapoli, PharmD, BCPS Irene Li, PharmD, BCPS, BCCCP
Ambulatory Pharmacy Management	Brian Smith, PharmD, BCPS
Antibiotic Stewardship	Jessica Lomanno, PharmD, BCIDP
Academia	Aimon Miranda, PharmD, BCPS
Medication Safety – any acute care area	Any clinical preceptor

Any clinical rotation offered through PGY1 or PGY2 programs

Any clinical preceptor

Requirements for Successful Completion of the PGY2 Medication Use Safety and Policy Residency Program

- Massachusetts Pharmacy Licensure by October 29th
- Completion of all required learning experiences
- Achievement of greater than or equal to 80% of goals and objectives 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”
- Completion of teaching certificate course (if not already acquired during PGY1)
- Completion of research project
 - Submit study protocol to IRB for approval
 - Complete data collection
 - Complete data analysis
 - Complete rough draft of manuscript
 - Submit abstract to ASHP for poster presentation
 - Present poster at ASHP Summer Meeting
- Completion of manuscript worthy of publication
- Three Pharmacy Conference presentations (one must be a professional journal club)
- One formal CE accredited presentation
- Completion of all required topic discussions (see topic discussion tracker)
- Prepare or revise at least one drug class review, monograph, or guideline
- Completion of one medication use evaluation
- Facilitate at least one medication safety committee meeting
- Facilitate at least one formulary/policy committee meeting
- Completion of staffing and holiday coverage
- Attend ASHP Summer Meeting
- Monthly documentation of duty hours
- Completion of Resident Self Evaluation
- Evaluation by PGY2 MUSP Residency Program Director
- All PharmAcademic, journal club, and presentation 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

Previous UMMC PGY2 MUSP Residents

Our program has developed residency graduates who have obtained positions as Medication Safety Officers, Administrators, Informatics Specialists, as well as Clinical Pharmacists at health care institutions nationwide.

Name	Position Out of Residency
2022-2023	
Cassandra Almendras, PharmD	Medication Safety Officer <i>MaineHealth, Maine Medical Center</i>
2018-2019	
Alison Laughlin, PharmD	Clinical Pharmacist - Informatics <i>UMass Memorial Medical Center</i>
2017-2018	
Youkavet Samih, PharmD	Clinical Consultant Pharmacist <i>University of Massachusetts Medical School</i>
2016-2017	
Christina Palazzo, PharmD	Senior Pharmacist <i>Brigham and Women's Hospital</i>
...And many more!	

Get to Know Us Further!

- Virtual open house: Dec 4th 3:30-4:30 PM EST
- Register for open house here: [2025 UMMC PGY2 MUSP Virtual Open House Registration Link](#)



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!

