

2023-2024

# UMass Memorial Medical Center

## Pharmacy Residency Program

### PGY2 Medication Use Safety and Policy



#### **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.

The pharmacy residency program started in 1995 with one resident. We have since grown to 12 residents, making our program one of the largest pharmacy residencies in New England. Over the years, 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.

#### **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 1<sup>st</sup>
- Positions Available
  - 1
- Estimated Stipend
  - \$55,620

### Program Leadership



Megan Leary, PharmD, MSHIM  
Director, PGY2 Medication Use Safety and Policy Residency  
Clinical Coordinator - Informatics  
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Alison Laughlin, PharmD  
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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
- Be eligible for Massachusetts licensure, with successful completion of NAPLEX and MPJE by September 30<sup>th</sup>

### Application Information

To apply, the following items must be submitted through PhORCAS to be considered for an on-site or virtual interview by January 6<sup>th</sup>, 2022:

- Letter of intent
- Curriculum vitae
- Three references
- Official college transcripts

## 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
<ul style="list-style-type: none"> <li>• Orientation (two weeks)</li> <li>• Medication Safety I &amp; II</li> <li>• Medication Safety - Pediatrics</li> <li>• Formulary Management I &amp; II</li> <li>• Pharmacy informatics</li> <li>• Inpatient pharmacy management</li> </ul>	<ul style="list-style-type: none"> <li>• Ambulatory pharmacy management</li> <li>• Emergency medicine/Toxicology</li> <li>• Academia</li> <li>• Antibiotic stewardship</li> <li>• Research</li> <li>• Any clinical rotation offered through the PGY1 or other PGY2 programs</li> </ul>	<p>Required</p> <ul style="list-style-type: none"> <li>• Medication safety practice management</li> <li>• Drug shortage</li> <li>• Pharmacy conference presentations</li> <li>• Residency research project</li> <li>• Weekend and UMass observed holiday clinical staffing               <ul style="list-style-type: none"> <li>○ Weekend: every 3<sup>rd</sup> or 4<sup>th</sup> weekend</li> <li>○ Weekday: 3 hours weekly</li> <li>○ Holiday coverage rotates among residents</li> </ul> </li> </ul>
<p><b>Potential Certification Opportunities</b></p> <ul style="list-style-type: none"> <li>• <b>Teaching certificate</b></li> <li>• <b>ASHP Medication Safety Certificate</b></li> <li>• <b>ASHP Informatics Certificate</b></li> <li>• <b>Lean training</b></li> <li>• <b>ACLS and PALS certification</b></li> </ul>		

## 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 Justin Tesch, PharmD
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 Peter Golenia, PharmD, BCPS
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

**UMass Memorial Medical Center**  
**PGY2 Medication Use Safety and Policy Residency Program Minimum Completion**  
**Requirements**

- Massachusetts Pharmacy Licensure by September 30<sup>th</sup>
- 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)
  - Date: \_\_\_\_\_ Topic: \_\_\_\_\_
  - Date: \_\_\_\_\_ Topic: \_\_\_\_\_
  - Date: \_\_\_\_\_ Topic: \_\_\_\_\_
- One formal CE accredited presentation
  - Date: \_\_\_\_\_ Topic: \_\_\_\_\_
- Completion of all required topic discussions (see topic discussion tracker)
- Prepare or revise at least one drug class review, monograph, or guideline
  - Date: \_\_\_\_\_ Topic: \_\_\_\_\_
  - Date: \_\_\_\_\_ Topic: \_\_\_\_\_
- 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

### Current UMMMC PGY2 MUSP Resident



Cassandra Almendras, PharmD  
PGY1: UMass Memorial Medical Center

### Previous UMMMC 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
<b>2018-2019</b>	
Alison Laughlin, PharmD	Clinical Pharmacist - Informatics UMass Memorial Medical Center
<b>2017-2018</b>	
Youkavet Samih, PharmD	Clinical Consultant Pharmacist University of Massachusetts Medical School
<b>2016-2017</b>	
Christina Palazzo, PharmD, BCPS	Senior Pharmacist Brigham and Women's Hospital
<b>...and many more!</b>	





# 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!



Hiking, skiing, & more!



Renowned breweries & restaurants galore!



TREE HOUSE BREWING CO.

