

UMMMC Department of Pharmacy Critical Care Specialty Residency Program 2010 – 2011

Core Rotations (8 weeks)	Preceptor
Critical Care Unit (Memorial)	Dinesh Yogaratnam, PharmD, BCPS
Surgical Intensive Care Unit (University)	Jeff Fong, PharmD, BCPS Gina Alvis, PharmD
Core Rotations (4 weeks)	Preceptor
Coronary Care Unit	Maichi Tran, PharmD, BCPS AQ Cardiology Jennifer Donovan, PharmD
Pediatric Intensive Care Unit	Barbara Maas, PharmD
Infectious Diseases	Elizabeth Radigan, PharmD, BCPS
Elective Rotations X 5 (4 weeks)	Preceptor
Medical Intensive Care Unit (University)	Neil Gilchrist, PharmD, BCPS
Medical Intensive Care Unit (University)	Melissa Miller, PharmD, BCPS
Solid Organ Transplant	Sonia Lin, PharmD, BCPS
Neonatal Intensive Care Unit	Mehran Nesari-Asdigha, PharmD
Emergency Medicine/Toxicology	Stephen Rolfe, PharmD Kimberly Pesaturo, PharmD
Investigational Drugs	Lucie LaJeunesse, PharmD
Teaching	Jennifer Donovan, PharmD
Research	Residency Preceptor
Other Learning Experiences	Preceptor
Clinical Services <ul style="list-style-type: none"> • 24-Hour PharmD On-Call Service • Pharmacy Services <ul style="list-style-type: none"> ○ Inpatient Anticoagulation Service ○ ACS Care Team ○ Warfarin and Enoxaparin education ○ Pneumonia Care Team ○ Aminoglycosides "per pharmacy protocol" • CODE Blue Response 	Elizabeth Radigan, PharmD, BCPS Maichi Tran, PharmD, BCPS and Jennifer Donovan, PharmD Milka Njoroge, PharmD, BCPS Maichi Tran, PharmD, BCPS Elizabeth Radigan, PharmD, BCPS Melissa Miller, PharmD, BCPS and Elizabeth Radigan, PharmD, BCPS Melissa Miller, PharmD, BCPS
Teaching <ul style="list-style-type: none"> • Advanced Teaching Seminar (based upon experience) • Topics in Emergency Medicine Elective MCPHS-Worcester (based upon experience) • Pharmacy Student Preceptor (minimum 3 students) 	Lynne Sylvia, PharmD Abir Kanaan, PharmD Dinesh Yogaratnam, PharmD, BCPS
Written Communication <ul style="list-style-type: none"> • Manuscript Worthy of Peer Review Publication 	Dinesh Yogaratnam, PharmD, BCPS
Verbal Communication <ul style="list-style-type: none"> • Pharmacy Resident Case Conference <ul style="list-style-type: none"> ○ M & M • ASHP Midyear Poster Presentation • Eastern States Research Project Presentation • Continuing Education Presentations (1) 	Melissa Miller, PharmD, BCPS Residency Preceptor
Residency Research Projects <ul style="list-style-type: none"> • Residency Research Project • Critical Care Operations Committee 	Dinesh Yogaratnam, PharmD, BCPS
Weekly Conferences <ul style="list-style-type: none"> • Toxicology Conference • Critical Care Conference 	

*UMass Memorial Medical Center
PGY2 Critical Care Pharmacy Residency Program*

Program Description

The ASHP accredited Critical Care Pharmacy Residency Program is a postgraduate training program that is designed to provide advanced clinical training in Critical Care Pharmacotherapy. Upon completion, the resident will be prepared to begin a career as a clinical specialist in critical care or a non-tenure track faculty member at a college of pharmacy, or be a competitive candidate for a fellowship in Critical Care Pharmacy. The resident will participate in advanced experiential education and have an opportunity for didactic lecturing and precepting for the Massachusetts College of Pharmacy and Health Sciences, Worcester campus. Furthermore, residents are trained to be proficient in hospital quality and performance improvement initiatives. UMass Memorial Medical Center is a level-1, 847-bed tertiary care medical center. The institution has 7 adult intensive care units (ICUs), 1 pediatric ICU, and 1 neonatal ICU. We have a brand new "virtual" ICU (VISICU) that allows for real-time telemedicine that operates 24-hours a day. We are the only level-1 trauma center for Central MA and have state-of-the-art Emergency Medicine Department and Toxicology program.

The resident will gain practical clinical experience by actively participating in patient care rounds. Core rotations include: Medical ICU, Surgical ICU, Cardiac ICU, Infectious Diseases, and Pediatric ICU. Elective rotations include, but are not limited to: Emergency Medicine & Toxicology (ED), Neonatal ICU, Solid Organ Transplant, Teaching, and Research. Elective rotations are flexible, and will be arranged based on the needs and interests of the resident. The resident will participate in the in-house, on-call program which provides 24/7 clinical and drug information pharmacy services hospital wide.

The resident will collaborate with preceptors and critical care practitioners to complete and publish one critical care pharmacy project. In addition, the resident will participate in weekly Pharmacy Resident Case Conference and weekly Toxicology and Critical Care Conferences.

Contact Information:

Dinesh Yogaratnam, PharmD, BCPS
Director, Critical Care Specialty Residency
Clinical Pharmacy Specialist, Critical Care
UMass Memorial Medical Center, Memorial Campus
E-mail: dinesh.yogaratnam@umassmemorial.org
Phone: 508-334-6594

Melissa Miller, PharmD, BCPS
Residency Coordinator, Critical Care Residency
Clinical Pharmacy Specialist, Critical Care
UMass Memorial Medical Center, University Campus
E-mail: melissa.miller@umassmemorial.org
Phone: 774-443-2016