

UMMMC Department of Pharmacy PGY2 Cardiology Pharmacy Residency Program 2010 – 2011

Core Rotations	Preceptor(s)
Inpatient Cardiology (4 months) <ul style="list-style-type: none"> • Cardiac Intensive Care Unit (Medical) • Cardiac Intensive Care Unit (Surgical) • Acute Myocardial Infarction (AMI) Care Team 	Jennifer Donovan, PharmD Maichi Tran, PharmD, BCPS AQ Cardiology Keith Foster, PharmD, BCPS
Internal Medicine and Anticoagulation (4 months) <ul style="list-style-type: none"> • Internal Medicine-Cardiac Telemetry Unit • Anticoagulation Inpatient Consult Service 	Jennifer Donovan, PharmD Maichi Tran, PharmD, BCPS AQ Cardiology Robert Buyniski, PharmD
Advanced Academics/Teaching <ul style="list-style-type: none"> • MCPHS • UMMC 	Jennifer Donovan, PharmD
Ambulatory Cardiology (Longitudinal) <ul style="list-style-type: none"> • Cardiac Rehabilitation • Anticoagulation Outpatient Clinic 	Jennifer Donovan, PharmD Maichi Tran, PharmD, BCPS AQ Cardiology
Informatics/Clinical Decision Support <ul style="list-style-type: none"> • Medication Safety 	Jennifer Donovan, PharmD Maichi Tran, PharmD, BCPS AQ Cardiology Marisela Navarro, PharmD
Elective Rotations X 2 (4 weeks)	Preceptor(s)
Critical Care	Dinesh Yogaratnam, PharmD, BCPS
Pediatric Intensive Care	Barbara Maas, PharmD
Investigational Drugs	Lucy LaJeunesse, PharmD
Family Medicine Clinic	Matt Silva, PharmD, BCPS
Advanced Teaching Rotation	Jennifer Donovan, PharmD
Nutrition	Brian S. Smith, PharmD, BCPS
Research	Residency Preceptor
Other	TBD
Longitudinal Learning Experiences	Preceptor(s)
Clinical Services <ul style="list-style-type: none"> • 24-Hour PharmD On-Call Service <ul style="list-style-type: none"> ○ Code Blue Response Team ○ Aminoglycosides “per pharmacy protocol” • Cardiology Services <ul style="list-style-type: none"> ○ Inpatient Anticoagulation Service ○ AMI Care Team 	Elizabeth Radigan, PharmD, BCPS, Melissa Miller, PharmD, BCPS, Neil Gilchrist, PharmD, BCPS Jen Donovan, PharmD and Maichi Tran, PharmD, BCPS AQ Cardiology
Institutional Quality Initiatives <ul style="list-style-type: none"> • Anticoagulation Task Force • AMI Task Force • Quality Improvement rounds • Heart and Vascular Center Practice Council 	
Teaching <ul style="list-style-type: none"> • Emergency Medicine Elective MCPHS-Worcester at least (1) lecture • Clinical Research Design and Methodology Elective MCPHS-Worcester at least (3) lectures 	Abir Kanaan, PharmD Matt Silva, PharmD and Jen Donovan, PharmD
Written Communication <ul style="list-style-type: none"> • Manuscript Worthy of Publication 	Residency preceptor
Formal Presentations <ul style="list-style-type: none"> • Journal Club Presentations • Eastern States Research Project Presentation • ASHP Midyear Poster Presentation • Continuing Education Presentations 	Jen Donovan, PharmD and Maichi Tran, PharmD
Residency Research Project <ul style="list-style-type: none"> • Residency Research Project 	Jen Donovan, PharmD and Maichi Tran, PharmD

Conferences <ul style="list-style-type: none">• Toxicology Conference (every week)• Post-graduate training seminar• Cardiology Conference	N/A MCPHS-W/M Faculty All faculty
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*UMass Memorial Medical Center
PGY2 Cardiology Pharmacy Residency Program*

Program Description

The Cardiology Pharmacy Residency Program is a postgraduate training program that focuses on the development of clinical skills needed to provide safe and effective patient-centered medication therapy management (MTM). In addition, residents participate in advanced experiential education and lectures at 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 is equipped with three cardiac catheterization suites that operate 24 hours a day with an annual caseload of over 7,000 patients. In addition, the hospital has a 16-bed Cardiac Intensive Care Unit for surgical and medical patients and manages over 1,500 patients in the outpatient anticoagulation clinic.

Inpatient rotations include the Cardiac Intensive Care Unit, a pharmacist-managed Inpatient Anticoagulation Consult Service, a pharmacist-managed Acute Myocardial Infarction (AMI) Care Team, and Heart Failure Service. Ambulatory practice rotations include the Anticoagulation Clinic, Heart Failure Clinic, and Cardiac Rehabilitation Clinic. The resident will collaborate with preceptors and cardiologists to complete and publish one cardiovascular pharmacy project. Finally, the resident will participate in classroom instruction for an elective course for the Massachusetts College of Pharmacy and Health Sciences. The goal is to provide residency graduates with the skills needed to become integral members of interdisciplinary patient care teams and to serve as leaders within their institution and pharmacy.

Contact info:

Maichi T. Tran, PharmD, BCPS AQ Cardiology
Director, Cardiology Residency
Clinical Pharmacy Coordinator, Cardiology/Anticoagulation
UMass Memorial Medical Center
55 Lake Avenue North
Worcester, MA 01655
Phone: 508.421.1531
Cell : 508-425-0226
E-mail: maichi.tran@umassmemorial.org

Jennifer Donovan, PharmD
Associate Professor of Pharmacy Practice
Massachusetts College of Pharmacy and Health Sciences-Worcester
Residency Coordinator, Cardiology Residency
UMass Memorial Medical Center
Office: 508-373-5670
E-Mail: jennifer.donovan@mcphs.edu