

Melissa Leming, MD
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Education

Disaster Medicine and Emergency Management Fellowship
University of Massachusetts Medical School
Worcester, MA
July 2011 – June 2013

Residency, Christiana Care Health System
Newark, DE
July 2008 – June 2011

Medical Doctorate, University of South Florida, College of Medicine
Tampa, FL
August 2004 – May 2008

Master of Public Health, American Military University
Manassas, VA
August 2011 – July 2014

Bachelor of Science, University of South Florida
Tampa, FL
June 1999 – December 2003 (magna cum laude)

Appointments

Hillsborough County Mass Casualty Director
Hillsborough Public Health Department
Supervisor: Ryan Pedigo
2016 - present

TeamHealth
Tampa General Hospital
Supervisor: David Wein MD
Tampa, FL
August 2014 – present

University of South Florida, College of Medicine
Tampa, FL
Associate Professor 6/2025 - present
Assistant Professor 8/2014 – 6/2025

Online Medical Control Physician for Sunstar EMS
 Supervisor: Angus Jameson MD
 Pinellas County, FL
 August 2022 – present

Staff Care
 Angel Medical Center
 Franklin, NC
 Locums Emergency Medicine Physician
 May 2016 - 2019

EmCare
 Northside Hospital and Heart Institute – Independent Contractor
 Supervisor: Frank Biondolillo DO
 St. Petersburg, FL
 August 2013 – 2014

UMass Memorial Medical Center
 Supervisor: Andrew Milsten MD
 Emergency Medicine Department, UMass Memorial Medical Center
 Worcester, MA
 July 2011 – June 2013

MA2-DMAT Member	2013 – 2014
USAR Team Member	2022 – present

Clinical Activities

TECO Slag Event On shift during event at TGH Assisted with patient decontamination flow at hospital	2017
Ybor City Shooting Event On shift during event at TGH Direct patient care for 3 victims	2023

Licensure

DEA License – active	2011 - present
Florida Medical License – active	2013 - present
North Carolina Medical License – inactive	2015 - 2020
Massachusetts Medical License – inactive	2011 – 2013
Delaware Medical License – inactive	2010 – 2011

Certification

Late Updated: November 22, 2025

Board Certified by ABEM	2012 - present
ADLS instructor	2018 - present
PALS instructor	2009 - 2011
BLS certified	2008- present
ACLS certified	2009 - present
ATLS certified	2008 – present
PALS certified	2008 - present
BDLS certified	2006 – present
ADLS certified	2011 - present
FEMA ICS certified	2011

Honors and Awards

Received recognition for “Care Experience Excellence” from TeamHealth	2025
Nominated for “TGH Medical Staff Excellence in Patient Care Award”	2024
TeamHealth INDUS Grant Original research poster was accepted for grant to present research at Indo-US conference in India	2011

Professional Memberships and Activities

Emergency Medical Residents’ Association	2008 - present
American Medical Association	2008 - present
Society of Academic Emergency Medicine	2008 - 2011
Medical Society of Delaware	2008-2011

Educational Activities

TeamHealth LEAD Course	2024
Health Care Leadership Course At The Center for Domestic Preparedness	2024
Observer for Infectious Disease Exercise at TGH	2019
Observer for Active Shooter Tabletop Exercise at TGH	2108
Created portions of “TGH Decon” Training Program	2017
Participation/Creation of Regional Medical Surge Annual Disaster Drill	2016 – 2025
Participation in Regional Federal Coordination Center Drill Created the patient triage cards for this event	2016 - present
Participated in Tampa International Airport triannual drill Created patient triage cards	2022, 2025

Supported creating objectives	
Creating ADLS Lectures	
Triage Lecture / Anatomy and Physiology Lecture / MCI hands-on Station for UMass Memorial	2012
Integrated Medical, Public Health, Preparedness and Response Training Summit	Jul 2012
FEMA HERT/HOT Class	2012
HazMat Operations	2012
Created IRAA Service Animals Online Lecture	2012
MCI Instructor for ADLS	2012
MCI triage Instructor for HOSA Conference	2012
Indo-US Conference	2011
HSEEP	2011
EMRA International Emergency Medicine Committee Member	2010-2011
Attended Wilderness Medicine Conference	2009
Attended ACEP Annual Convention	2008, 2015

Publications and Research

Weinstein ES, Kiel J, **Leming M.** Expanding Literature Reviews of Spontaneous Mass Gathering Events. *Disaster Medicine and Public Health Preparedness.* 2025;19:e310. doi:10.1017/dmp.2025.10243

Weinstein, E. S., Gilbert, Z., Gosney, J., Weinstein, B., Wild, H. B., Cuthbertson, J., **Leming, M.**, Semmons, R., O'Mathúna, D., Montan, C., Gosselin, R., & Burkle, F. S. (2025). A T2 Translational Science Modified Delphi Study: The Ethical Triage and Treatment of Entrapped and Mangled Extremities in Resource-Scarce Environments. *World journal of surgery*, 10.1002/wjs.12486. Advance online publication. <https://doi.org/10.1002/wjs.12486>

Leming, M. Breyer, M. *Hyperkalemia in a Patient with Post-polio Syndrome and a Normal Creatinine.* (Case Report). *American Journal of Emergency Medicine.* 2010.

Leming, M. Getto, L. Blepharitis, in Levine, BJ (ed): *2010 EMRA Antibiotic Guide.* Emergency Medicine Residents' Association, Irving, TX.

Leming, M. Getto, L. Conjunctivitis, in Levine, BJ (ed): *2010 EMRA Antibiotic Guide.* Emergency Medicine Residents' Association, Irving, TX.

Presentations and Abstracts

Leming, M. Thompson, S. Farley, H. Reed, J. Nepal. (Abstract). *Collecting Data for Future Endeavors: Severity of Illness and Common Diagnoses of Pediatric and Adult Patients Seen at a 3-Day Mobile Health Clinic in Rural Nepal* Poster, Indo-US, New Delhi, India. October 2011.

Leming, M. Farley, H. Reed, J. *Effect of Holiday on the Patient Severity and Census in the Emergency Department.* (Abstract). Poster, American College of Emergency Physicians, Las Vegas, NV. September 2010.

Lectures Given

Radiology to APPs at TGH	Dec 2025
Dizziness lecture to APPs at TGH	Nov 2025
Acid Base to APPs at TGH	June 2025
Transition to Residency EKG Lecture at ECU	May 2025
Disaster Medicine Overview to APCs at TGH	Jan 2025
Toxidrome lecture to APCs at TGH	Sept 2024
EKG lecture to APC at TGH	July 2024
Grand Round Foundation Case	Feb 2023
TGH Decontamination Course (multiple times)	2018-present
ADLS Donning/Doffing	2019, 2020
Chemical Agents	Jan 2020
Random Acts of Violence	Nov 2019
Disaster Triage	Aug 2019
Emergency Management at USF College of Public Health	Mar 2019
Biological Category A Agents	2018
ADLS trainer	2017, 2018
Mass Casualty Disaster Basic Information	2017
Bioterrorism Category A Agents	2016
Disaster Medicine Overview	2016
ADLS Presentation	April 2013
BDLS Presentation – Natural Disasters (twice)	2012
DMAT Lecture – Earthquakes, Hurricanes and Tornadoes	Jan 2012
BDLS Presentation – Nuclear and Radiologic Disasters	Jan 2012
Simulation Summit Training	Nov 2011
ADLS Training	Oct 2011
BDLS Presentation – Nuclear and Radiologic Disasters	Sept 2011

Committee Assignments and Administrative Services

Oncology Readmission Committee Member	2025 - present
Pediatric Best Practices Committee Member	2024 - present
Epic Governance Committee Co-Chair	2024 - present
Assistance Medical Director Kennedy FSED	2023 – present
Sepsis Committee Member	2023 - present
(Workgroup, Oversight, Huddle, Provider)	
Hillsborough County Regional Coalition Member	2017 - present
Mass Casualty Director	2016 - present
Hillsborough County	
Responded to Hurricane Irma	2017

Responded to Hurricane Ian	2022
Responded to Hurricane Idalia	2023
Responded to Hurricane Milton	2024
Disaster Planning Committee Member	2016 - present
At Tampa General Hospital	
Emergency Planning and Management Committee	2011 - 2013
At UMass Hospital	
Emergency Medicine Steering Committee	2011 - 2013
At UMass Hospital	

Background and Hobbies

Background: I was born in Indianapolis, Indiana and moved to Florida as a young child. I was raised in the suburbs of Tampa, Florida with my family. I moved to Delaware for residency and then moved again to Massachusetts for fellowship. I returned to the Tampa Bay area to be close to my family. I got married in 2018 and we now have a 5-year-old daughter.

Hobbies: I enjoy reading, running, traveling and more recently playing with my daughter. I have completed several running races including six half-marathons and one full marathon. I have traveled within the USA and internationally. My international travel has included Thailand, Costa Rica, England, Scotland, Ireland, mainland Europe, Venezuela, Nepal, India, Portugal, Iceland, Croatia, New Zealand, Jamacia and Italy. We are always looking for our next great adventure.