

Timothy J. Boardman, M.D.

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Education

M.D., University of Massachusetts Medical School, Worcester, MA 6/2016
B.S., Biology, Biochemistry Minor (*Summa cum laude, Commonwealth Scholar*),
University of Massachusetts Dartmouth, North Dartmouth, MA 5/2012

Postdoctoral Training

Fellowship in Emergency Medical Services, University of Massachusetts Medical School, Worcester, MA 7/2020–6/2021
Residency in Emergency Medicine, Alpert Medical School of Brown University, Providence, RI 6/2016–6/2020

Academic Appointments

Assistant Professor, Clinician Educator 7/2021–Present
Department of Emergency Medicine, Alpert Medical School of Brown University, Providence, RI

Other Positions and Employment

Per Diem Staff Physician, UMass Memorial Medical Group, Worcester, MA 7/2021–Present
Critical Care Transport Physician, LifePACT Critical Care Transport, Providence, RI 7/2017–6/2020

Honors and Awards

Innovator of the Year 2021
UMass Memorial Medical Center, Worcester, MA
Champion of the Learning Environment 2019
Alpert Medical School of Brown University, Providence, RI
Emergency Department Directors Academy Travel Award 2018
American College of Emergency Physicians, Dallas, TX
Resident Sunshine Award 2017
Brown Emergency Resident Program, Providence, RI

Educational Activities

Teaching Activities in Programs and Courses

Point-of-Care Ultrasound, The FAST Exam, (4 hours/year), 20 students/session 2017–2019

Clinical Education

Medical Student Doctoring Course, Clinical Preceptor, (4 hours/week) 2017–2019

Education for the Public/Community Education

Emergency Medical Response for the First Responder, Swansea Fire Department, Swansea, MA (40 hours/year) 2012–Present

Updated: December 10, 2021

Educational Development: Curricula and Educational Materials

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| Coordinated and developed a live mass casualty incident drill for the Brown Emergency Medicine Residency program, Providence, RI | 2021–2022 |
| Development of the curriculum for a resident elective rotation in aeromedical operations for the UMass Emergency Medicine Residency program, Worcester, MA | 2021 |

Advising and Mentoring**Students**

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| Ryan Fallon, MD, Alpert Medical School of Brown University, Doctoring Mentor Orthopedic Surgery Resident, Brown Orthopedic Surgery Residency, Providence, RI | 2018–2019 |
| Thomas Kishkovich, MD, Alpert Medical School of Brown University, Doctoring Mentor Ob/Gyn Resident, BWH/MGH, Boston, MA | 2017–2018 |
| Peter Mattson, MD, Alpert Medical School of Brown University, Doctoring Mentor Emergency Medicine Resident, LAC/USC, Los Angeles, CA | 2017–2018 |

Residents

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| Jeffrey Savarino, MD, Brown Emergency Medicine Residency, Faculty Mentor Resident, Brown Emergency Medicine Residency, Providence, RI | 2021–Present |
| Matthew LoConte, MD, Brown Emergency Medicine Residency, EMS Fellowship Mentor Fellow, UMass Chan Medical School EMS Fellowship, Worcester, MA | 2020–Present |
| Samuel Goldman, MD, Brown Emergency Medicine Residency, Peer Mentor Staff Emergency Medicine Physician, St. Anne's Hospital, Fall River, MA | 2017–2020 |

Investigation**Grants****Completed**

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| 34647 Timothy Boardman, MD (PI) (1% Effort) Massachusetts College of Emergency Physicians Utilization of Point of Care Ultrasound in Air Critical Care Resuscitation Creation of a curriculum and competency assessment for non-physician aeromedical providers \$2,000 (\$1667 direct; \$333 indirect) | 2020–2021 |
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Completed Unfunded Projects

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| Leave Behind Naloxone for use in EMS patient refusals | 2020–2021 |
| Quantification of value of procedures performed by a ground critical care transport service | 2016–2020 |

Health Care Delivery**Certification and Licensure**

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| Diplomate, ABEM | 2021 |
| Emergency Medical Services Subspecialty Board, ABEM | 2021 |
| Commonwealth of Massachusetts, Medical License | 2019 |
| State of Rhode Island, Medical License | 2021 |

Clinical Discipline

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| Emergency Medical Services, Sub-specialty | 2020–Present |
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Emergency Medicine, Specialty 2016–Present

Clinical Activities

Brown Emergency Medicine, Providence, RI, Emergency Care, 28 hours/week 2021–Present

UMass Memorial Medical Group, Worcester, MA, Emergency Care, 16 hours/month 2021–Present

Clinical Innovations, Safety, and Quality Improvement Projects

Implemented point-of-care ultrasound for use in trauma resuscitation by aeromedical critical care providers, UMass Memorial Lifeflight, Worcester, MA 2020–2021

Emergency Medical Services

EMS Leadership Positions

Associate Medical Director, Bristol Fire Department, Bristol, RI 2021–Present

Assistant Medical Director, UMass Memorial LifeFlight, Worcester, MA 2020–2021

Assistant Medical Director, UMass Memorial EMS, Worcester, MA 2020–2021

Assistant Medical Director, Spencer Rescue and Emergency Squad, Spencer, MA 2020–2021

Assistant Medical Director, Vital Emergency Medical Services, Worcester, MA 2020–2021

Associate Medical Director, Bristol Fire Department, Bristol, RI 2017–2020

EMS Activities

Medical Control Physician, Worcester EMS Special Operations, Worcester, MA 2021–Present

Population Health and Public Policy

Activities

Volunteer Vaccinator, UMass Memorial COVID-19 Mobile Vaccination Program, Worcester, MA 2021

Volunteer COVID-19 Tester, Stop the Spread Campaign, Worcester, MA 2020-2021

Scholarship

Peer-reviewed publications

1. North N, Bishop J, Bruce D, Boardman T. Traumatic hand amputation resulting in catatonia. *Air Medical Journal*. 40(4):278-9, May 2021
2. Boardman T, Musisca N. Recurrent appendicitis caused by a retained appendiceal tip: A case report. *The Journal of Emergency Medicine*. 57(2):232-4, August 2019
3. Boardman T, Binder W. Thrombotic microangiopathy in a 59-year-old Woman. *Rhode Island Medical Journal*. 102(5):49-52, June 2019
4. Bromage E, Ramirez-Gomez F, Greene W, Rego K, Hansen J, Boardman T, Dupras D. Secretory IgD has an evolutionarily conserved role in respiratory mucosal defense. *Journal of Immunology*. 160(18):188, May 2012
5. Boardman T, Warner C, Ramirez-Gomez F, Matrisciano J, Bromage E. Characterization of an anti-rainbow trout (*Oncorhynchus mykiss*) CD3ε monoclonal antibody. *Veterinary Immunology and Immunopathology*. 145(1-2):511-515, January 2012

Books & Chapters

1. Boardman T, Gita P. New technologies and applications in emergency medicine. In: Strauss and Mayer's *Emergency Department Management*, 2nd Ed. 2021.

Non-peer-reviewed publications

1. Boardman T, My Turn: Timothy Boardman: R.I. doctors need protection. The Providence Journal, Op Ed. Volume CXCI, No. 226. April 9, 2020.

Non-print / Online materials

1. Boardman T, Bromage E. I'm an Essential Employee. How can I keep safe at work and not bring the virus home to my family? Erin Bromage: COVID-19 Musings. www.ErinBromage.com. April 2020.
2. Boardman T. Pediatric Cough: Just Another Virus? Brown Emergency Medicine Blog. www.BrownEMBlog.com. April 2018
3. Ross T, Leytin V, Boardman T, Blackwood B, Liebmann O. Ultrasound Case of the Month. Brown Emergency Medicine Blog. www.BrownEMBlog.com. January 2017
4. Boardman T. Gaining Traction with Femoral Shaft Fractures. Brown Emergency Medicine Blog. www.BrownEMBlog.com. October 2016

Invited Presentations**National**

The effects of boarding on Traditional and Provider in Triage Models, American College of Emergency Physicians Scientific Assembly, San Diego, CA October 2018

Regional

Utilization of Point-of-Care Ultrasound in Air Critical Care. Massachusetts ACEP Annual Meeting, Waltham, MA May 2021

Prehospital Use of Ketamine, Greater Fall River EMS Coordinating Committee Regional Conference, Westport, MA October 2020

Refractory and Recurrent Ventricular Fibrillation and Ventricular Tachycardia, Newport Regional EMS Rounds January 2020

Local

EMS Oversight and Medical Direction. UMass Medical School Population Health Clerkship, Worcester, MA October 2021

Mobile Integrated Healthcare. EMS Fellowship Didactic Presentation, Worcester, MA June 2021

Prehospital Use of Ketamine. Spencer EMS Rounds, Spencer, MA May 2021

Emergency Medical Dispatch. EMS Fellowship Didactic Presentation, Worcester, MA December 2020

EMS Oversight and Medical Direction. UMass Medical School Population Health Clerkship, Worcester, MA October 2020

Accidental Ingestion of THC Containing Food Items. Spencer EMS Rounds, Spencer, MA July 2020

Impostor Syndrome. Emergency Medicine Resident's Conference: PGY4 Grand Rounds, Providence, RI May 2020

Thrombotic Thrombocytopenic Purpura, Clinical Pathologic Case Competition, Providence, RI September 2018

The Urine Drugs of Abuse, Emergency Medicine Resident's Conference, Providence, RI March 2018

Giant Cell Arteritis, Emergency Medicine Resident's Conference, Providence, RI November 2016

Other Presentations, Posters & Abstracts

National

- Boardman T**, Dowd D, Nordberg A, Lindsay R, Gleeson T, Beth-Urhey M, O'Connor L. Development of a Point of Care Ultrasound Curriculum and Competency Assessment for Aeromedical Providers. National Association of EMS Physicians Annual Meeting, San Diego, CA January 2022
- Yang J, Jolly S, Motzkus C, **Boardman T**, Fournier P, Ennis M, Hatem D. Tracking Event Planning to Better Fulfill LC Pillars of Excellence. Learning Communities Institute Annual Meeting, Birmingham, AL September 2017

Local

- Boardman T**, Li W, Harrold L, Ayers D, Franklin P. The effect of pre-operative mental health on post-operative THR patient function and pain status. 2016 UMass Medical School Capstone Presentation Day, Worcester, MA March 2016
- Snyder B, Harrold L, **Boardman T**, Li W, Lewis C, Ayers D, Franklin P. Poor pre-operative emotional health limits gain in function after total hip replacement. 2014 UMass Center for Clinical and Translational Science Research Retreat, Worcester, MA May 2014
- Boardman T**, Chaudhry A, Epstein M, Rau P, Pereira K, Cashman S, Fantasia L. Oxygen therapy and fire safety. UMass Medical School Population Health Clerkship Poster Fair, Worcester, MA November 2013
- Boardman T**, Snyder B, Harrold L, Yang W, Ayers D, Franklin P. The effect of pre-operative emotional health on post-total hip replacement patient function. UMass Medical School Summer Research Fellowship Poster Fair, Worcester, MA August 2013

Academic Service

Internal Administration and Service

Department

- Practice and Policy Committee, Member, LifePACT Critical Care Transport 2018–2020

Health System

- Covid-19 Airway Committee, Member, Lifespan Health System. Emergency Departments 2020
- Trauma Committee, Resident Member, Rhode Island Hospital 2017–2020

University

- Digital Emergency Medicine Advisory Board, Member, Warren Alpert Medical School 2017–2020
- Program Evaluation Committee, Member, Brown Emergency Medicine Residency 2016–2020

Professional Memberships and Activities

- Air Medical Physician Association 2020–Present
- National Association of EMS Physicians 2015–Present
- American College of Emergency Physicians 2013–Present
- Emergency Medicine Residency Association
Member, Awards Committee (2019-Present) 2013–Present
- Massachusetts Medical Society Member,
Member, Committee on Preparedness (2015-2016) 2012–Present

Editorial Responsibilities

- Academic Emergency Medicine, Ad-hoc reviewer 2018–2020
- Brown Emergency Medicine Blog, Editor-in-Chief 2018–2020

Brown Emergency Medicine Blog, Assistant Editor-in-Chief

2017–2018

External Professional Service**National**

Medical Consultant, Picrow Streaming, Inc.

2021

Medical Consultant, Big Indie Cold Front

2021

Medical Consultant, Possible Productions

2021

Medical Consultant, Endeavor Content

2020–2021

Community Service

Volunteer Physician, The Boston Marathon, B.A.A., Boston, MA (1 day/year)

2016–Present

Volunteer Firefighter, Swansea Fire Department, Swansea, MA

2006–Present

Professional DevelopmentAMPA Medical Director Core Curriculum: Part 1, Air Medical Physician Association,
Remote

2021

Counter Narcotics and Terrorism Operational Medical Support Program Medical Director
Course, Department of Health and Human Services Center for Tactical Medicine, Remote

2021

NAEMSP Medical Director Course, National Association of Emergency Medical Services
Physicians, Remote

2021

NREMT EMS Fellows Course, National Association of Emergency Medical Technicians,
Remote

2020

Tactical Emergency Combat Care Course, Winward Consulting, Westerly, RI

2020

Emergency Department Directors Course: Part 1, American College of Emergency
Medicine, Dallas, TX

2019