

CURRICULUM VITAE

KENNETH A WILLIAMS, MD, FACEP, FAEMS

BUSINESS ADDRESS

Brown Emergency Medicine
Department of Emergency Medicine
Division of Emergency Medical Services
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CURRENT POSITION

Director, Division of Emergency Medical Services
Medical Director, LifePACT Critical Care Transport Team
Medical Director, Ambulance Services, Rhode Island Hospital
Program Director, Brown Advanced Emergency Medicine Academies EMS Fellowship
Professor of Emergency Medicine (Clinician Educator Track)
The Warren Alpert Medical School of Brown University

Chief Medical Officer, RI-1 Disaster Medical Assistance Team (RI-1 DMAT)

Medical Director, RI Department of Health, Center for Emergency Medical Services, Division of Healthcare Quality and Safety

Medical Director, Providence Emergency Management Agency

Member, US Coast Guard Auxiliary, District 1 NR, Division 07, Flotilla 08
Status: IQ / operational support
Boat Crew Qualified, USCG 45 RB-M

EDUCATION

Undergraduate: Hampshire College, Amherst, MA
BA, 1977

Postgraduate University of Massachusetts, Amherst, MA
Postgraduate Science Studies, 1980

University of Massachusetts, Amherst
Medical Informatics / Artificial Intelligence / Knowledge Engineering, 1997

Medical School: University of Massachusetts Medical School, Worcester, MA
MD, 1984

POSTGRADUATE TRAINING

Residency University of Pittsburgh
Residency in Emergency Medicine, 1984-1987
University of Pittsburgh
Chief Resident, 1986-1987

POSTGRADUATE HONORS AND AWARDS

1981 Exercise Physiology Fellowship, University of Massachusetts Medical School
1986-1987 Chief Residency, University of Pittsburgh Affiliated Residency in Emergency Medicine
1986 Resident Research Award, Emergency Medicine Foundation
1994 Medical Informatics Course Fellowship, National Library of Medicine
2001 Scientific Forum Judge, Critical Care Transport Medicine Conference
2002 Judge, Flight Team Simulator Competition, AMTC
2002 Scientific Forum Judge, Critical Care Transport Medicine Conference
2002 President's Award, Association of Air Medical Services
2003 Judge, Flight Team Simulator Competition, AMTC
2003 Distinguished Physician Award, Air Medical Physician Association
2004 Judge, Flight Team Simulator Competition, AMTC
2007 Reviewer, Academic Emergency Medicine (SAEM)
2009 Dean's Excellence in Teaching Award, Brown Alpert Medical School
2010 Scientific Forum Judge, Critical Care Transport Medicine Conference
2010 Dean's Excellence in Teaching Award, Brown Alpert Medical School
2010 President's Award, Air Medical Physician Association
2011 Reviewer, Canadian Journal of Emergency Medicine
2014 Item Writer, National Registry of EMTs
2014 Exemplary Service Award, University Emergency Medicine Foundation
2014 USCG Unit Commendation, USCG AUX Flotilla 1NR-07-08
2015 Core Faculty, Emergency Medicine Residency, Brown Alpert Medical School
2015 Reviewer, Emergency Medicine International
2015 Most Active New Member, USCG AUX Flotilla 1NR-07-08
2015 Auxiliary Operations Annual Service Performance Award, USCG AUX 1NR
2015 Coast Guard Sustained Auxiliary Service Award, USCG AUX 1NR
2016 Division Seven 2015 Outstanding New Auxiliarist, USCG AUX 1NR, D07
2016 Division Seven, Over 50 hours of Operational Support, USCG AUX 1NR, D07
2016 Fellow, Academy of Emergency Medical Services (inaugural member)
2016 Member, NASEMSO / ASPR Expert Panel on transport of patients with Highly Infectious Diseases.
2017 Research Poster/Abstract Judge and Award Presenter, NASEMSO annual meeting, New Orleans, LA 2017 March
2017 Item Writer, National Registry of EMTs
2017 Councilor at Large, Rhode Island Medical Society
2017 USCG Auxiliary Certificate of Accomplishment, 50 or more hours of Operational Support during 2016
2017 Project Leader and PI, Evidence-Based Guideline for Naloxone Administration NHTSA-funded project
2018 Certificate of Recognition, 20th Anniversary of Service to the State of Rhode Island, NASEMSO
2018 Research Poster/Abstract Judge, NASEMSO annual meeting, Providence, RI 2018 May
2018 Rhode Island ACEP Exceptional Service Award
2019 USCG Auxiliary 5 year Sustained Service Award

2019 Research Poster/Abstract Judge, NASEMSO annual meeting,
Salt Lake City, UT 2019

2019 Membership Service Award, 5 years of dedicated service, US Coast Guard Auxiliary 1NR

2019 Certificate of Accomplishment: 50 or more hours of USCG Operational Support During 2018,
First Coast Guard District

2019 Reviewer, Journal of Collegiate Emergency Medical Services

2019 Chief Medical Officer, RI-1 DMAT FEMA Disaster Medical Assistance Team

2020 Item Writer, EMS Fellowship In-Training Exam

2020 Physician of the Year, RI ACEP (awarded to all RI emergency physicians involved in COVID-
19)

2021 ACEP Director, National Registry of Emergency Medical Technicians

2023 Outstanding Coast Guard Administrative Support Award, USCG Auxiliary Division 7 Awards

2023 Certificate of Accomplishment, RI Department of Health, 25 years of Medical Director service

2023 Lifetime Achievement Award, Brown Emergency Medicine

MILITARY SERVICE

2014-Present USCG Auxiliary, USCG AUX Flotilla 1NR-07-08

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

License(s):	1985-1988	Licensed physician, Pennsylvania
	1987-present	Licensed physician, Massachusetts
	1997-present	Licensed physician, Rhode Island
Certifications:	1985	Diplomate, National Board of Medical Examiners (USMLE Steps I, II, III passed)
	1990-present	Fellow, American College of Emergency Physicians
	1990-present	Diplomate, American Board of Emergency Medicine Recertified in 2000, 2010
	2013-present	Board Certified, Emergency Medical Services (ABEM) Recertified in 2023
	2015-2020	Advanced Cardiac Life Support – Experienced Provider Instructor
	1986-2020	Advanced Cardiac Life Support [ACLS] Instructor
	2018-2020	Basic Life Support / Heartsaver Instructor
	1988-1998, 2004-2020	Advanced Trauma Life Support [ATLS] Instructor
	1984-1998, 2003-2020	Advanced Trauma Life Support [ATLS] Provider
	1997-2000	Advanced Pediatric Life Support [APLS] Provider
	2023-present	Neonatal Resuscitation Program Provider

ACADEMIC APPOINTMENTS

The Warren Alpert Medical School of Brown University

2000-2004 Clinical Associate Professor of Surgery

2004-2006 Clinical Associate Professor of Emergency Medicine

2006-2017 Associate Professor of Emergency Medicine (Clinical)

2017-present Professor, Emergency Medicine Clinician Educator Track

The University of Massachusetts Medical Center & School

1987-1988 Associate Medical Director, Life Flight
1987-1990 Clinical Instructor in Medicine, Division of Emergency Medicine
1988-1992 Medical Director, Life Flight
1990-1992 Assistant Professor, Division of Emergency Medicine, Department of Medicine
1991-1997 Director, Emergency Medicine Informatics
1992-1994 Executive Medical Director, Life Flight
1992-1997 Assistant Professor, Department of Emergency Medicine
1994-1997 Chief, Division of Emergency Medical Services
1997-2000 Associate Professor of Clinical Emergency Medicine

The Rochester Institute of Technology

2015-2017 Clinical Adjunct Faculty
2017-2020 Assistant Clinical Professor

HOSPITAL APPOINTMENTS

1987-2000
2020-2023 Attending Physician, the University of Massachusetts Medical Center, Worcester, Massachusetts
1987-1989 Prehospital Medical Director, Emergency Department, Burbank Hospital, Fitchburg, Massachusetts
1987-1989 Staff Physician, Emergency Department, Burbank Hospital, Fitchburg, Massachusetts
1989-1994 Staff Physician, Emergency Department, Sturdy Memorial Hospital, Attleboro, Massachusetts
1989-1995 Attending Physician, Emergency Department, The Medical Center of Central Massachusetts, Worcester, Massachusetts
1991-1994 Staff Physician, Emergency Department, Framingham Union Hospital, Framingham, Massachusetts
1993-1996 Staff Physician, Emergency Department, Mercy Hospital, Springfield, Massachusetts
1994-1996 Medical Director, Emergency Department, Mercy Hospital, Springfield Massachusetts
1996-1998 Staff Physician, Emergency Department, Marlborough Hospital, Marlborough, Massachusetts
1996-1997 Staff Physician, Emergency Department, Lawrence General Hospital, Lawrence, Massachusetts
1997-2000 Staff Physician, Emergency Department, St. Anne's Hospital, Fall River, Massachusetts
1997-present Attending Physician, Emergency Department, Rhode Island Hospital, Providence, RI
1998-present Attending Physician, Emergency Department, Miriam Hospital, Providence, RI
2003-2008 Attending Physician, The Nantucket Cottage Hospital
2020-present Attending Physician, Emergency Department, Newport Hospital (COVID Disaster privileges)

DEPARTMENTAL LEADERSHIP APPOINTMENTS

Rhode Island Hospital, Providence RI

1997-1999 Emergency Department Redesign Committee
1998-1999 Emergency Department Information Systems Committee

1998-2002	University Emergency Medicine Foundation New Ventures Committee
2001-2002	HICS Implementation Committee
2006-2009	Helipad Design Committee
2006-Present	Medical Director, Lifeguard EMS (became LifePACT in 2009)
2005-Present	Chair, EMS Medical Advisory Committee
2007-Present	Chair, EMS Operations Committee
2007-Present	Chair, LifePACT Administration Committee
2007-Present	Medical Director, Ambulance Services
2014-Present	Mobile Integrated Healthcare/Community Paramedicine Committee
2014-Present	Triage Re-Design Committee
2020-Present	Physician Administrative Triage Officer of the Day

Mercy Hospital, Springfield MA:

1994-1996	Medical Director, Emergency Department
1994-1996	Chair, Ambulatory Care & ED Quality Assurance Committee
1994-1996	Chair, Emergency Department Provider Committee
1994-1996	Medical Chief/Administrative Committee
1994-1996	Co-chair, Pediatric Quality Improvement Team
1995-1996	Co-chair, Ambulatory Care Quality Improvement Committee
1995-1996	Mortality Review Committee

University of Massachusetts Medical Center, Worcester MA

1987-1997	Medical Director, UMASS LifeFlight
1989-1991	Patient Care Evaluation Committee
1990-1997	Trauma Services Committee
1991-1993	Competitive Edge Task Force
1992-1995	Utilization Management Committee
1993-1997	Clinical Advisory Group
1993-1997	Quality Assurance Committee
1993-1997	Founder and Chair, Life Flight Medical Advisory Committee
1994-1997	Trauma Peer Review Committee
1997-1997	Information Resources Division Budget Committee

Burbank Hospital, Fitchburg, MA:

1988-1989	Quality Assurance Committee
1987-1989	EMS Medical Director

AREA OF FOCUS LEADERSHIP ROLES

International Organizations

Air Medical Physician Association [AMPA]

A professional association focused on quality patient care and education in the critical care transport environment. Membership of approximately 400 physicians, 30% international members. AMPA sponsors several annual educational conferences attracting an international audience.

1994-2009	Course Director, Educational Meetings. CME through Brown University 1998-2009.
1994-1998	Chair, Education Committee
1997-2004	Board of Directors
1998-2008	Co-Chair, Education Committee
1998-2000	President-Elect

1999-Present	Liaison, National Association of State EMS Officials
1999-2002	Liaison, Association of Air Medical Services Safety Committee
2000-2008	Liaison, National Association of EMS Physicians
2000-2002	President
2003	Consulted by Dept. of State and CDC to participate in development of guidance for transport of SARS patients.
2004-Present	Associate Editor, Medical Director's Handbook, published in 2006 as a bound textbook
2010	Facilitator, AMPA Board of Directors Strategic Planning Retreat

Association of Air Medical Services [AAMS]

A US-based trade association representing all aspects of air medical care. Members include aircraft manufacturers, vendors, medical transport programs, and other interested parties. Significant international participation by equipment manufacturers and providers of care.

1986-1995	Safety Committee
1989-1995	Quality Assurance Committee
1998-2009	Course Director, Air Medical Transport Conference (the major annual conference for air medical professionals)

Alliance for Critical Care Transport [ACCT]

An international alliance of air medical and critical ground transport organizations and associations intended to foster communication among members and improve patient care.

1999-2010	Founding Member, AMPA Co-Representative
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National Organizations

Rhode Island 1 Disaster Medical Assistance Team [RI-1-DMAT]

A team of medical professionals initially organized under the Federal Emergency Management Agency [FEMA] but now under HHS ASPR to provide emergency care in time of disaster. The RI-1 team responded to the World Trade Center September 11, 2001 attack and has been deployed for other disaster events such as the Egypt Air Flight 990 crash (1999), the West Warwick Station fire (2003), Katrina and other hurricanes (2004), COVID missions, and hurricane IDA (2021). I was a founding member of the MA-2 DMAT and transitioned to RI-1 in 1998.

2019-Present	Chief Medical Officer
1998-2019	Senior Medical Officer
1998-Present	Liaison, USCG

National Association of EMS Physicians [NAEMSP]

A primarily US association of physicians with a special interest in Emergency Medical Services

1988-1995	Air Medical Committee
1998-2008	Air Medical Committee
2000-2008	Liaison, Air Medical Physician Association
2013-2019	Council of EMS Fellowship Directors

American College of Emergency Physicians [ACEP]

The leading association of emergency physicians in the US.

1989-1993	EMT Textbook Editorial Board
1997-1999	Air Medical Transport Section, Newsletter Editor, Secretary/Treasurer
2018-Present	EMS Committee

(Reappointed 2020, 2022)

National Association of State EMS Officials [NASEMSO]

A closed association with membership limited to state EMS directors and affiliated officials who supervise and regulate emergency medical services in the US, approve training curricula, and license EMTs and ambulances. The name changed from National Association of State EMS Directors in 2006-2007 in recognition of the additional membership of physician medical directors, educators, data managers, and others.

1998-Present	Physician representative, Rhode Island
1999-Present	Liaison, Air Medical Physician Association
2016-2020	Member, Board of Directors
2016-2020	Member, Expert Panel on Enhancing the Ability for EMS to transport patients with Highly Infectious Diseases.
2017-2019	Principal Investigator, Evidence-Based EMS use of Naloxone project

National Association of State EMS Officials Medical Director's Council [NASEMSO MDC]

A Council of NASEMSO comprised of physician state medical directors with a mission to promote quality and advancement in EMS systems. The MDC was formed in 2006.

2006-Present	Representative, Rhode Island
2014-2016	Chair-Elect
2016-2019	Chair
	Led Quarterly Conference Calls
	Led two annual meetings
	2018 Introduced Code of Ethics for EMS Medical Directors Project
	2019 Completed Naloxone EBG Project
2019-2021	Immediate Past Chair
2022-Present	Past Chair

National Registry of EMTs [NREMT]

The NREMT serves as the Nation's EMS Certification organization.

EMT Item Writing Committee Sessions

2014 June

2017 April

ACEP Director, Board of Directors

2021-present (term until 2025)

Standards and Evaluation Committee

2021-2002

International Committee

2021-present

Communication Committee

2022-present

Prehospital Guidelines Consortium

A national effort engaging over 50 stakeholder organizations, including AMPA, NASEMSO, NAEMSP, ACS COT, AHA, ACEP, NREMT, AAP, AAEM, and NAEMT to promote the development, implementation, and evaluation of evidence-based guidelines for prehospital care.

2018-Present Dissemination, Implementation, and Evaluation Committee

Regional & State Organizations

Massachusetts Department of Health, Office of Emergency Medical Services [MA OEMS]

The lead agency responsible for ambulance and EMT regulation and training in Massachusetts

1988-1997	Helicopter Utilization Review Board
1992-1996	EMS 2000 Prehospital Care Committee
1992-1997	Protocol Development Committee
1992-1997	State Medical Services Committee
1993-1997	EMS for Children Advisory Council
1993-1997	DNR Committee

Massachusetts College of Emergency Physicians

1987-1997 Course Director, Educational Program Coordinator, and Membership Services Chair from 1992 to 1998. Responsibilities included developing curriculum, seeking and securing speakers, approving lecture outlines, editing conference materials, preparation and delivery of lectures, evaluation of conferences and speakers, meeting CME requirements. Various programs, ranging from bi-monthly management roundtables with 10-20 attendees to quarterly risk management courses drawing over 100 attendees, most from the New England area and an annual joint CME conference with the Massachusetts Emergency Nurse's Association that was attended by over 300. Conversion of the Risk Management program to internet access and self-test for CME occurred while I was still associated with the MACEP Board as Treasurer.

The North East Air Medical Alliance [NEAA]

An alliance of air medical helicopter programs in New England and nearby states, founded as the New England Air Medical Alliance and expanded with a new name when New York programs joined. I organized the alliance in 1989. NEAA meets quarterly to discuss issues of mutual concern and sponsors an annual educational event for flight team members.

1989-1998	Founding Member
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Rhode Island Department of Health, Center for EMS [RI DOH CEMS]

The lead agency responsible for ambulance regulation, EMS clinician training and practice, and EMS clinician licensure in Rhode Island. Realignment in 2015 changed the name from EMS Division to Center for EMS.

1997-2015	Physician Medical Consultant (EMS Medical Director)
1997-2000	Chair, Air Ambulance Committee
1998-2022	Rules and Regulations Committee
1998-2012,	
2016-2021	Ambulance Service Coordinating Advisory Board (gubernatorial appointment)
1998-2021	Medical Affairs Committee
2000-2021	EMS for Children Committee
2002-Present	Emergency Medical Dispatch Committee
2003-2009	Statewide Trauma System Project: Chair, EMS Subcommittee
2015-2017	Consulting Medical Director, Center for EMS
2017-Present	Medical Director, Center for EMS
2022-Present	K9 Care Committee
2022-Present	Statewide Trauma System Committee

Rhode Island Emergency Management Agency [RI EMA]

2002-2009	Domestic Preparedness Committee
2003-2009	Multiple Casualty Incident Task Force

American Red Cross, Rhode Island Chapter [ARC]

2003-2008 Volunteer Medical Consultant, Disaster Health Services

Hospital Association of Rhode Island [HARI]

An association of hospitals in Rhode Island.

1998-Present Hospital Planning & Preparedness/EMS Committee

2004-Present Patient Tracking Committee

The New England Council for Emergency Medical Services [NEC]

Members represent New England state EMS agencies.

1998-Present Rhode Island Physician Representative

1998-Present Member, Disaster Committee

2001-Present Member, Board of Directors

2015-Present Conference Leadership

New England Life Flight dba Boston Med Flight

A critical care air and ground transport program based in Boston.

2017- Present Member, Quality and Safety Committee

Central Massachusetts Emergency Medical Services Corporation [CMEMS]

The regional EMS council for Worcester County.

1987-1997 University of Massachusetts Medical Center Representative

1988-1997 Advanced Life Support and Medical Services Committee

1989-1997 Board of Directors

1992-1992 Chair, Training and Education Committee

1992-1993 Chair, Advanced Life Support and Medical Services Committee

1994-1997 Medical Director, Massachusetts EMS Region II

Western Massachusetts EMS Committee, Inc. [WMEMS]

The regional EMS council for the western third of Massachusetts

1994-1996 Physician's Council

City of Springfield, Massachusetts

1994-1996 Commissioner, Emergency Medical Services Commission

City of Providence, Rhode Island

2004-present Medical Director, Emergency Management Agency and Office of Homeland Security /

Metropolitan Medical Response System / Medical Emergency Distribution System /

Metropolitan Medical Response Team

Town of Uxbridge, Massachusetts

2008-Present Medical Reserve Corps Volunteer

Town of Gosnold, Massachusetts (Cuttyhunk)

2004-2019 Associate Medical Director, Cuttyhunk Volunteer Fire and Rescue

Massasoit Community College Paramedic Program

2017-Present Medical Director for Rhode Island Clinical Rotations

Fidelity Investments

Contracted through Brown Emergency Medicine to provide Medical Direction for the Safety and Security staff at the Rhode Island Headquarters, and to advise regarding global EMS operations (Global Safety and Security is based in Rhode Island).

2017-Present

Windward Consulting

Contracted through Brown Emergency Medicine to provide Medical Direction for this EMS training academy.

2020-Present

General Dynamics Electric Boat

Contracted through Brown Emergency Medicine to provide Medical Direction for the EMS agency and staff at GDEB Quonset, a facility that manufactures submarines for the US Navy.

2022-Present

HeliService USA

Contracted through Brown Emergency Medicine to provide Medical Direction for this helicopter service organization that provides services, possibly including EMS and Search and Rescue operations, for offshore wind farm construction in southern New England.

2023-Present

Rhode Island Chapter, National Association of EMS Physicians

Inaugural President-Elect in this chapter of the national EMS physician organization. Chapter formed in 2023 SEPT

2023-Present

Brown Emergency Medicine Residency EMS Lecture Section Leader

1997-1999 During the 1998-99 academic year, coordinated EMS lectures for the EM residency program lecture series [approx. 50 residents, fellows and students], including planning topics to comply with a core curriculum, scheduling speakers, and delivering lectures. With a revised lecture series plan in 1999, I delivered lectures as requested.

Brown Emergency Medicine Residency EMS Curriculum Co-Leader

1997-Present Began co-leading the curriculum in 1997 with Dr. Francis Sullivan. Revised the residency EMS curriculum in 1999, resulting in a coordinated and verifiable experience that progressively spans the four year residency program [approx. 48 residents] and affords a solid background in EMS essentials along with options to pursue a variety of EMS interests such as critical care transport, air medical care, tactical EMS, marine EMS, EMS administration and EMS research. Further revised the residency curriculum in 2000 to take advantage of scheduling revisions, affording a regular rotation in EMS during the second residency year (moved to third residency year in 2010). Responsible for the administrative, quality improvement, and some didactic and observational aspects of the rotation. Senior residents may also participate in this curriculum as an elective. The revised curriculum includes ground and air (optional) EMS participation, teaching, quality assurance, and medical control experience. Options for marine EMS with the USCG, significant administrative EMS experience and deployment for disaster response with DMAT/MRC are available. Further revised in 2005 to include significant experience in critical care transport staffing the Lifeguard EMS/LifePACT critical care transport team, an aspect of RIDI Phase 3 and in 2006 added MMST and WMD training. Again revised curriculum in 2016 to include scheduled quality assurance / education / administrative sessions every week, scheduled 911 EMS ride-along time, and scheduled leadership administrative sessions with the Center for EMS at RI DOH. In 2017, updated the curriculum in cooperation with Nick Asselin to include more asymmetrical education, increased 911 EMS ride time, and regularly scheduled quality assurance and teaching sessions.

Brown University Emergency Medicine Residency Advisor

1997-Present Serve as faculty advisor to residents during the four-year program. Number of advisees ranges from 0-8. Meet quarterly with each advisee, mentor progress through the residency program, assure compliance with requirements and assist with remediation as indicated. Serve as a resource and reference for job and career decisions.

Brown Emergency Medicine Residency Orientation Program Lecturer

1997-Present In a curriculum designed to orient incoming residents during the first month of residency, regularly present lectures on EMS, wound management, and an introduction to the American College of Emergency Physicians.

Brown Emergency Medicine Residency Board Review Conference

1997-2000 With several other faculty members, designed and implemented a review program to improve resident performance on in-training and board certification examinations.

Brown Emergency Medicine Residency Base Station Course

1997-Present With Dr. Francis Sullivan, other members of the EMS Division, and local Paramedics, teach 12-15 emergency medicine residents and fellows in a 1-day annual course on the use of radio, cell phone, and computer communications to consult with EMTs and provide advice on patient care during transport.

Brown Emergency Medicine Residency Administrative Elective

Provide EMS, AMPA and ACEP administrative support for residents choosing this elective.
2017 - Present

ACLS Coordinator

With other physicians, lead ACLS courses for Brown University Emergency Medicine Residents and medical students. Regularly instruct at other ACLS courses.
1997-Present

Ambulance Service Coordinating Advisory Board, State of Rhode Island Department of Health

1998-2012, 2016-2021 Appointed by the Governor in 1998 to this voluntary position, served to represent the interests of a high-quality EMS system for Rhode Island until position reassigned in 2012. Introduced the EMS Pride Program to reward excellence in EMS care. Serve on a number of committees and sub-committees as a Board member, and continue to attend as RI DOH EMS Medical Director. Re-appointed by the Governor in 2016, representing the Rhode Island Medical Society, until 2021

Brown University Emergency Medicine Residency Review Curriculum

From 1999-2001, developed a curriculum for and led ongoing monthly sessions to review core concepts in emergency medicine for the EM residents and interested medical students [10-20 attendees]. The curriculum is organized inversely around the severity of patient illness, with a focus on critical assessment and intervention skills. A written summary of the sessions is provided for the residents and interested others.

Brown Alpert Medical School Scholarly Concentration Mentor

1999-Present Serve as a project coordinator and mentor for medical students selecting scholarly concentrations topics related to EMS.

Brown Alpert Medical School Elective Supervisor

1999-Present Faculty supervisor for a variety of medical student elective experiences, ranging from EMS education to wilderness and austere medical care. Plan, approve, mentor and supervise the students during this experience, and evaluate their projects. Lead two EMS-specific electives, one pre-clinical for first and second year medical students, and a clinical elective for third and fourth year students.

Brown Alpert Medical Student Emergency Medicine Interest Group

2000-Present Provide support for medical students in this group, including assisting with attendance at ACEP meetings and supervising observation time in the emergency department.

Lifeguard EMS / LifePACT Critical Care Transport Medical Director

2004-Present Created this critical care transport team in 2004 as a training platform function of the RIDI Project in Phase 3 and serve as Medical Director. The team serves to improve care of patients during critical care transport while training first responder observers in disaster and WMD response. Lifeguard EMS coordinated with the Hasbro Children's Hospital PICU transport team, and the teams merged in 2009, forming LifePACT (Life Pediatric and Adult Critical Care Transport). LifePACT is Rhode Island's only full service critical care transport program, and serves over 1500 patients annually while also providing support at major incident drills and training. A second ambulance was added to the system in April 2010, with over 50 paramedic and nursing staff members.

Medical Director, City of Providence Emergency Management Agency and Office of Homeland Security, Greater Providence Metropolitan Medical Response System

2004-Present Appointed to this position in 2004 by Leo Messier, Director of Providence EMA and to related positions by the Mayor of Providence in 2005. Assist with medical aspects of the Agency activities, including development of the medical aspects of the MMRS system. Attended and graduated from the Integrated Emergency Management Course led by FEMA at the Noble Training Center in Anniston, Alabama in March 2005. Medical Director for the Metropolitan Medical Strike Team (MMST), an operational clinical component of MMRS.

ACGME Fellowship in EMS at Brown & Brown Academies in Emergency Medicine EMS Fellowship

2006-Present Organized, led, and implemented this training program, ready for its first Fellow in 2006. Served as Program Director, responsible for administrative and academic aspects of these training programs, including both the ACGME EMS Fellowship and the Brown Academies in Emergency Medicine International Fellowship, until 2019, when the ACGME EMS Fellowship Program Director role was transitioned to another EMS Division faculty member. I continue as BAEMA EMS Fellowship Program Director. The ACGME Fellowship accepts applicants fully licensed as physicians in RI, and qualified to take the ABEM Emergency Medicine Board examination. The Academy accepts fully funded applicants without ACGME Fellowship qualifications. The ACGME Fellowship was awarded ACGME approval in February, 2014

Brown Alpert Medical School Longitudinal Supervisor

2010-Present Provide long term mentorship and clinical / academic experience for 1-3 Brown medical students.

Brown School of Public Health Thesis Reader

2010-Present Provide mentorship and master's thesis supervision for public health students.

Brown Alpert Medical School Doctoring Mentor

2010-2020 Served as faculty mentor for first and second year medical students learning physical diagnosis and the role of a clinical physician.

Brown Alpert Medical School Community Health Clerkship

2010-2014 Served as clerkship supervisor for medical students with an interest in EMS issues during this required rotation, which was discontinued in 2014. Average participation was 6-8 students annually. Supervised design, data gathering, analysis and presentation of a brief project selected by the student.

Brown University Wilderness Elective and Student Interest Group

2013-Present Provide training for undergraduate and emergency medicine residents interested in wilderness medicine.

Telemedicine and Special Projects Group

2014-Present Member of this group within the Brown Department of Emergency Medicine since 2014. The group works on special projects, with a focus on medical informatics and telemedicine, including implementation of Google Glass for consultation.

Physician Assistant Student Clinical Rotation Supervisor

2015-Present Provide clinical supervision for PA students from the Rochester Institute of Technology rotating at Rhode Island Hospital, starting in 2015

New England Council for EMS / University Emergency Medicine Foundation EMS Leadership Conference

2015-2020 With support from NEC and UEMF staff, organize, plan, and direct this annual EMS conference in Newport, RI starting in 2015. The NEC, which was founded in 1968, organized and ran this conference from the 1970s until 2011. We revitalized the event in 2015 and continued to organize and offer it annually until the COVID pandemic started..

Brown Alpert Medical School First Aid and EMS Elective Supervisor

2016-Present Faculty supervisor for a multi-session elective focused on basic first aid skills, an introduction to the EMS system, and discussion of other EMS topics. First offered 2016 Fall and has been offered annually since, with most students from the pre-clinical years at AMS.

Boston Med Flight Quality and Safety Committee

2017-Present Invited to sit on this committee assisting with quality and safety of the largest critical care transport program in New England, consortium-supported New England Life Flight dba Boston Med Flight. Quarterly meetings.

First Responder Training and Education Center

2020-2021 Organized this COVID result education and notification effort with a group of volunteer medical students to notify EMS First Responders about COVID positive patients they transported to Lifespan hospitals and educate about exposure risks, testing, quarantine, etc.

Brown Alpert Medical School Clinical EMS Elective Supervisor

2022-Present Faculty supervisor for this clinical elective experience at Brown's Alpert Medical School for senior medical students, focused on EMS education, research, system administration, 911 response, and critical care transport.

Brown University Group Independent Study on EMS

2022 Faculty supervisor for this GISP focused on disparities in EMS system response and care.

HOSPITAL COMMITTEES

Rhode Island Hospital, Providence RI

1997-1999	Emergency Department Redesign Committee
1998-1999	Emergency Department Information Systems Committee
1998-2002	University Emergency Medicine Foundation New Ventures Committee
2001-2002	HEICS Implementation Committee
2006-2009	Helipad Design Committee
2006-Present	Medical Director, Lifeguard EMS (became LifePACT in 2009)
2005-Present	Chair, EMS Medical Advisory Committee
2007-Present	Chair, EMS Operations Committee
2007-Present	Chair, LifePACT Administration Committee
2007-Present	Medical Director, Ambulance Services
2014-Present	Mobile Integrated Healthcare/Community Paramedicine Committee
2014-Present	Triage Re-Design Committee
2020-Present	Physician Administrative Triage Officer of the Day

Mercy Hospital, Springfield MA:

1994-1996	Chair, Ambulatory Care & ED Quality Assurance Committee
1994-1996	Chair, Emergency Department Provider Committee
1994-1996	Medical Chief/Administrative Committee
1994-1996	Co-chair, Pediatric Quality Improvement Team
1995-1996	Co-chair, Ambulatory Care Quality Improvement Committee
1995-1996	Mortality Review Committee

University of Massachusetts Medical Center, Worcester MA

1989-1991	Patient Care Evaluation Committee
1990-1997	Trauma Services Committee
1991-1993	Competitive Edge Task Force
1992-1995	Utilization Management Committee
1993-1997	Clinical Advisory Group
1993-1997	Quality Assurance Committee
1993-1997	Founder and Chair, Life Flight Medical Advisory Committee
1994-1997	Trauma Peer Review Committee
1997-1997	Information Resources Division Budget Committee

Burbank Hospital, Fitchburg, MA:

1988-1989	Quality Assurance Committee
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UNIVERSITY COMMITTEES

MEMBERSHIP IN SOCIETIES

1984-Present	American College of Emergency Physicians [ACEP]
1984-1987	Pennsylvania Chapter, American College of Emergency Physicians [PACEP]
1985-1988	American Society for Testing and Materials [ASTM], EMS Committee
1987-1998	Massachusetts College of Emergency Physicians [MACEP]
1988-1995,	
1998-Present	National Association of EMS Physicians [NAEMSP]
1989-1998	New England Air medical Alliance, founding member
1992-2001	American Medical Informatics Association [AMIA]

1994-Present	Air Medical Physician Association [AMPA]
1995-2002	Society for Medical Decision Making [SMDM]
1998-Present	National Association of State EMS Directors/Officials [NASEMSD, now NASEMSO]
1998-Present	Rhode Island Chapter, American College of Emergency Physicians [RIACEP]
1999-Present	Rhode Island Medical Society [RIMS]
2006-Present	Society for Academic Emergency Medicine
2006-Present	NASEMSO Medical Director's Council
2014-2016	Chair-Elect, NASEMSO Medical Director's Council
2016-2019	Chair, NASEMEO Medical Director's Council
2019-2021	Immediate Past Chair, NASEMSO Medical Director's Council
2021-Present	National Association of Veterinary Emergency Medical Services (NAVEMS)

SOCIETY POSITIONS

Air Medical Physician Association [AMPA]

A professional association focused on quality patient care and education in the critical care transport environment.

Membership of approximately 400 physicians, 30% international members. AMPA sponsors several annual educational conferences attracting an international audience.

1994-1997	Chair, Education Committee
1994-2009	Course Director, Educational Meetings
1997-2004	Board of Directors
1998-2008	Co-Chair, Education Committee
1998-2000	President-Elect
1999-Present	Liaison, NASEMSO
1999-2008	Liaison, AAMS Safety Committee
2000-2002	President
2003	Consulted by Dept. of State and CDC to participate in the development of guidance for transport of SARS patients
2004-Present	Associate Editor, Medical Director's Handbook
2010	Facilitator, AMPA Board of Directors Strategic Planning Retreat

Association of Air Medical Services [AAMS]

A US-based trade association representing all aspects of air medical care. Members include aircraft manufacturers, vendors, medical transport programs, and other interested parties. Significant international participation by equipment manufacturers and providers of care.

1986-1995	Safety Committee
1989-1995	Quality Assurance Committee
1998-2009	Course Director, Air Medical Transport Conference (the major annual conference for air medical professionals)

Alliance for Critical Care Transport [ACCT]

An international alliance of air medical and critical ground transport organizations and associations intended to foster communication among members and improve patient care.

1999-2010	Founding Member, AMPA Co-Representative
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National Association of EMS Physicians [NAEMSP]

A primarily US association of physicians with a special interest in Emergency Medical Services

1988-1995	Air Medical Committee
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1998-2008 Air Medical Committee
 2000-2008 Liaison, Air Medical Physician Association
 2013-2019 Council of EMS Fellowship Directors

American College of Emergency Physicians [ACEP]

The leading association of emergency physicians in the US.

1989-1993 EMT Textbook Editorial Board
 1997-1999 Air Medical Transport Section, Newsletter Editor, Secretary/Treasurer
 2018-Present
 Reappointed 2020, 2022 EMS Committee

National Association of State EMS Officials [NASEMSO]

A closed association with membership limited to state EMS directors and affiliated officials who supervise and regulate emergency medical services in the US, approve training curricula and license EMTs and ambulances. Name changed from National Association of State EMS Directors in 2006-2007 in recognition of the additional membership of medical directors, educators, data managers, and others.

1998-Present Physician representative, Rhode Island
 1999-Present Liaison, Air Medical Physician Association
 2016-2020 Member, Board of Directors
 2016-2020 Member, Expert Panel on Enhancing the Ability for EMS to transport patients with Highly Infectious Diseases.
 2017-2019 Principal Investigator, Evidence-Based EMS Use of Naloxone project

National Association of State EMS Officials Medical Director's Council [NASEMSO MDC]

A Council of NASEMSO comprised of physician state medical directors with a mission to promote quality and advancement in EMS systems. The MDC was formed in 2006.

2006-Present Representative, Rhode Island
 2014-2016 Chair-Elect
 2016-2019 Chair
 2019-2021 Immediate Past Chair

Society for Academic Emergency Medicine [SAEM]

The leading academic emergency medicine society in the United States

2007-Present Reviewer, Academic Emergency Medicine

Prehospital Guidelines Consortium

A national effort engaging over 50 stakeholder organizations, including AMPA, NASEMSO, NAEMSP, ACS COT, AHA, ACEP, NREMT, AAP, AAEM and NAEMT to promote the development, implementation and evaluation of evidence-based guidelines for prehospital care.

2018-Present Dissemination, Implementation, and Evaluation Committee

The New England Council for Emergency Medical Services [NEC]

Members represent New England state EMS agencies in this regional society.

1998-Present Rhode Island Physician Representative
 1998-Present Member, Disaster Committee
 2001-Present Member, Board of Directors
 2015-Present Conference Leadership

The North East Air Medical Alliance [NEAA]

An alliance of air medical helicopter programs in New England and nearby states, founded as the New England Air

Medical Alliance and expanded with a new name when New York programs joined. I organized the alliance in 1989. NEAA meets quarterly to discuss issues of mutual concern and sponsors an annual educational event for flight team members.

1989-1998 Founding Member

Massachusetts College of Emergency Physicians [MACEP]

State chapter of ACEP

1992-1993 Assistant Educational Program Coordinator
1993-1995 Educational Program Coordinator
1995-1997 Coordinator, Management Roundtable [bi-monthly CME program]
1997-1998 Chair, Membership Services [includes CME and other educational programs]
1998-1999 Treasurer
1998-1999 Councilor

Hospital Association of Rhode Island [HARI]

An association of hospitals in Rhode Island.

1998-Present Hospital Planning & Preparedness/EMS Committee
2004-Present Patient Tracking Committee

Rhode Island Chapter, American College of Emergency Physicians [RI ACEP]

State chapter of ACEP. Sponsors an annual educational conference and other activities.

1998-Present EMS Task Force
1999-2000 Vice President
1999-2019 Representative to the Rhode Island Medical Society Council
2000-2001 President
2001-2003 Past President
2012-2019 Political Action Committee
2012-2019 Legislative Affairs Committee

Rhode Island Medical Society [RIMS]

Society representing all physicians in Rhode Island.

1999-2019 Council, representing RI ACEP
2014-2017 Adjunct Councilor
2017-2019 Councilor at Large

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Williams K**, Aghababian, R., Shaughnessy, M.: Statewide EMS Helicopter Utilization Review: The Massachusetts Experience. *Journal of Air Medical Transport*, vol 9 no 9 p 14 September 1990.
2. Aghababian R, **Williams K**, Holbrook J, Lew R: Computer applications in quality assurance. *Emergency Medicine Clinics of North America* August 1992; 10(3):627-647.

3. Karcz A, Holbrook J, Burke MC, Doyle MJ, Erdos MS, Friedman M, Green ED, Iseke RJ, Josephson GW, **Williams K**: Massachusetts emergency medicine closed malpractice claims: 1988-1990. *Ann Emerg Med* March 1993;22:553-559.
4. Bruhn J, **Williams K**, Aghababian R: True costs of air medical vs. ground ambulance systems. *Air Medical Journal* Aug. 1993;12(8):262-268.
5. **Williams K**, Rose W, Simon R: Teamwork in Emergency Medical Services. *Air Medical Journal* Dec 1999;18;4:149-53.
6. **Williams K**: Emergency Medical Services – Scene of Injury to Emergency Department – Key Issues for Spinal Cord Injuries, *Medicine and Health/Rhode Island*, March, 2000; 83:3, 72-75.
7. Kobayashi L, Shapiro M, Suner S, **Williams K**: Disaster Medicine: The potential role of high fidelity medical simulation for Mass casualty incident training. *Medicine & Health Rhode Island* Vol 86, No. 7, July 2003, p196-200.
8. Woolard R, Lai M, Shapiro M, Kobayashi L, Jay G, Suner S, **Williams K**, Sullivan F: Emergency department design after 9/11/2001. *Medicine & Health Rhode Island* Vol 86, No. 7, July 2003, 204-206.
9. **Williams K**, Suner S, Sullivan S, Woolard R: Rhode Island Disaster Initiative. *Medicine & Health Rhode Island* Vol 86, No. 7, July 2003, 207-210.
10. Lubin J, Chung S, **Williams K**: An Assessment of Public attitudes toward automated external defibrillators. *Resuscitation* 2004;62(1):43-47.
11. Thomas F, Robinson K, Judge T, Eastlee C, Frazer E, Thomas SH, Romig L, Blumen I, Brozen R, **Williams K**, Swanson ER, Hartsell S, Johnson J, Hutton K, Heffernan J, North M, Johnson K, Petersen P, Toews R, Zalar CM: The 2003 Air Medical Leadership Congress: Findings and Recommendations. *Air Med J.* 2004 May-Jun;23(3):20-36.
12. **Williams, KA.**, Sullivan, F., Suner, S., Shapiro, M., Kobayashi, L., Woolard, B., Hill, W., and Seekell, C., (2008) 'Rhode Island Disaster Initiative', *Int. J. Risk Assessment and Management*, Vol. 9, No. 4, pp. 394-408
13. Cornwall, A. H., N. Zaller, Warren O, **Williams K**, et al. (2012). "A pilot study of emergency medical technicians' field assessment of intoxicated patients' need for ED care." *The American Journal of Emergency Medicine* 2012 Sept;30(7): 1224-1228.
14. Mason RC, Suner S, **Williams K**. (2013). "An Analysis of Hiker Preparedness: A Survey of Hiker Habits in New Hampshire." *Wilderness and Environmental Medicine*. 2013; 24(3) 221-7.
15. **Williams K**, Sullivan F. "Critical Care Transport." *Med Health RI*. 2013;96(12):39-43.
16. Lauro J, Sullivan F, **Williams K**. "Emergency Medical Technician Education and Training." *Med Health RI*. 2013;96(12):31-34.
17. Sullivan F, **Williams K**, Rhodes J. "An Overview of Prehospital Emergency Medical Services." *Med Health RI*. 2013;96(12):24-27.
18. Sullivan F, **Williams K**. "Physician Medical Direction of Emergency Medical Services." *Med Health RI*. 2013;96(12):28-30.

19. **Williams K**, Sullivan F. “The Rhode Island Life Saving Score: A Proposed Life-Saving Definition for EMS and Emergency Medicine.” *Med Health RI*. 2013;96(12):35-39.
20. Tsai D, Choi B, Sullivan F, **Williams K**. “Quality Improvement in EMS: A Unique and Challenging Necessity” *Med Health RI*. 2014; 97(8):17-19.
21. Choi B, Blumberg C, **Williams K**. “Mobile Integrated Health Care and Community Paramedicine: An Emerging Emergency Medical Services Concept.” *Ann Emerg Med*. 2015; :1-6
<http://dx.doi.org/10.1016/j.annemergmed.2015.06.005>.
22. Asselin N, Proano L, **Williams K**, Partridge R. Circus Disaster: Case report, response, and review of injuries. *Am J Disaster Med*. 2016 Spring;11(2):137-141
23. Choi, Bryan MD, MPH; Asselin, Nicholas DO; Pettit, Catherine C. MD; Dannecker, Max NREMT-I; Machan, Jason T. PhD; Merck, Derek L. PhD; Merck, Lisa H. MD, MPH; Suner, Selim MD; **Williams, Kenneth A. MD**; Jay, Gregory D. MD, PhD; Kobayashi, Leo MD. “Simulation-based Randomized Comparative Assessment of Out-of-Hospital Cardiac Arrest Resuscitation Bundle Completion by Emergency Medical Service Teams Using Standard Life Support or an Experimental Automation-assisted Approach” *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*: December 2016 - Volume 11 - Issue 6 - p 365–375.
24. **Williams K**, Lang ES, Panchal AR, Gasper JJ, Taillac P, Gouda J, Lyng JW, Goodloe JM, Hedges M. Evidence-Based Guidelines for EMS Administration of Naloxone. *Prehosp Emerg Care*. 2019 MAR 29:1-15.
25. Rhodes J, **Williams K**. Data Utilization in Emergency Medical Services. *RI Med J* 2019 May 1;102(4):17-19
26. Asselin N, **Williams K**. Out-of-Hospital Cardiac Arrest (OHCA) in Rhode Island: Can We Do Better? *RI Med J* 2019 May 1;102(4):15-16.
27. Kobayashi L, Asselin N, Choi B, Dannecker M, **Williams K**. Comparison of EMS Provider In-Transit Performance and Exertion with Standard and Experimental Resuscitation Protocols during Simulated Out-of-Hospital Cardiac Arrest. *RI Med J* 2019 May 1;102(4):23-29.
28. Jayaraman MV, Hemendinger ML, Baird GL, et al. **Williams, K**. Field triage for endovascular stroke therapy: a population-based comparison. *Journal of NeuroInterventional Surgery* Published Online First: 04 September 2019. doi: 10.1136/neurintsurg-2019-015033
29. **Kenneth A Williams**, Brendan C. Berry, Allen Yee, A. Keith Wesley, Kevin Sirmons & Benjamin J. Lawner on behalf of NASEMSO, AMPA, and NAEMSP. Code of Ethics for EMS Physician Medical Directors, Prehospital Emergency Care, DOI: 10.1080/10903127.2020.1808747, published online 2020 OCT 12 PMID: 32790485
30. John Lyng, Kathleen Adalgais, Rachael Alter, Justin Beal, Bruce Chung, Toni Gross, Marc Minkler, Brian Moore, Tim Stebbins, Sam Vance, **Ken Williams** & Allen Yee. (2021) Recommended Essential Equipment for Basic Life Support and Advanced Life Support Ground Ambulances 2020: A Joint Position Statement, *Prehospital Emergency Care*, 25:3, 451-459 DOI: [10.1080/10903127.2021.1886382](https://doi.org/10.1080/10903127.2021.1886382) PMID: 33557659
31. Lauren Morito, Kelly Meehan-Coussee, Francis Sullivan, **Kenneth Williams**. A Case of Tumor Lysis Syndrome Complicated by Disseminated Intravascular Coagulation – Case Reports of the LifePACT Critical Care Transport Team. *RI Med J* (2013). 2021 DEC 1;104(10):12-14

32. Kienbacher, C.L.; Tanzer, J.R.; Wei, G.; Rhodes, J.M.; Roth, D.; **Williams, K.A.** Increases in Ambulance Call Volume Are an Early Warning Sign of Major COVID-19 Surges in Children. *Int. J. Environ. Res. Public Health* 2022, 19, 16152. <https://doi.org/10.3390/ijerph192316152> PMID: 36498225
33. Thorndike J, Rhodes J, Roberts-Santana C, Williams K. Calls of Despair: An EMS Perspective on Suicide and Overdose in Rhode Island during COVID-19. *RI Med J* 2023 FEB 1;106(1):42-47. PMID: 36706208
34. Calvin Lukas Kienbacher, Guixing Wei, Jason Rhodes, Harald Herkner, Kenneth A Williams. Socioeconomic Risk Factors for Pediatric Out-of-Hospital Cardiac Arrest: A Statewide Analysis. 2023 Apr 28;24(3):572-578. Doi: 10.5811/westjem.59107 PMID: 37278807
35. Kienbacher CL, Wei G, Rhodes JM, Herkner H, Roth D and **Williams KA**. Risk factors for pediatric intoxications in the prehospital setting. A geospatial survey. *Front. Public Health* 2024 JAN 25;12:1296250 doi: 10.3389/fpubh.2024.1296250

OTHER PEER-REVIEWED PUBLICATIONS

1. Williams K: Voice recognition knowledgebase reporting systems for ambulatory care patient records. *J Ambulatory Care Manage* July 1992; 15(3):55-66.
2. Williams K: Speak to me: Managing risk with voice recognition technology. *Healthcare Informatics* September 1992; 9(9):58-62.
3. Williams K: Air medical Care. *European Hospital Decisions*. Accepted for publication, September 2000.
4. **Williams K**: Air Medical Care Programmes. *Emergency Response and Disaster Management 2001*. International Assn. Of Emergency Managers, London. 3; 2001, 9-12.
5. **Williams K**: Great Fakes: Simulation in Air Medical Training *Air Medical Journal Forum* Vol 20, Number 6 January / February 2001
6. **Williams K**: A Cookbook for Safety. *Air Medical Journal Forum* Vol 20, Number 2 March / April 2001
7. **Williams K**: A Scene Flight at 31,000 feet: A New Habit? *Air Medical Journal Forum* Vol 20, Number 3 May / June 2001.
8. **Williams K**: Singing and Dancing Together: CCTMC Report. *Air Medical Journal Forum* Vol 20, Number 4 July / August 2001
9. **William K**: Ethics in Air Medical Care *Air Medical Journal Forum* Vol 20, Number 5 September / October 2001.
10. **Williams K**: Heroic Measures: September 11, 2001 *Air Medical Journal Forum* Vol 20, Number 6 November / December 2001.

11. **Williams K:** AMPA for Everyone. *Air Medical Journal Forum* Vol 21, Number 2. July/August 2002.
12. **Williams K:** The Air Medical Leadership Congress. *Air Medical Journal Forum*. Vol 21, Number 3 September/October 2002.
13. Thomas, S and **Williams, K:** Flight Physician Training Program – Core Content. Position Paper, National Association of EMS Physicians, Air Medical Services Task Force. *Prehospital Emergency Care* Oct/Dec 2002. Vol 6 Number 4. 459-460.
14. AMPA [**Williams K, President**] Medical Direction and Medial Control of Air Medical Services. Position Statement of the Air Medical Physician Association. *Prehospital Emergency Care* Oct/Dec 2002. Vol 6 Number 4. 461-463.
15. AMPA [**Williams K, President**] Medical Condition List and Appropriate Use of Air Medical Transport. Position Statement of the Air Medial Physician Association. *Prehospital Emergency Care* Oct/Dec 2002. Vol 6 Number 4. 464-470.
16. AMPA [**Williams K, President**] Appropriateness of Air Medical Transport in Acute Coronary Syndromes. Position Statement of the Air Medical Physician Association. *Prehospital Emergency Care* Oct/Dec 2002. Vol 6 Number 4. 471.
17. **Williams K:** Smallest state tackles big readiness project. *Homeland Protection Professional*, January/February, 2003, p16-20.
18. Kobayashi L, **Williams K**, Morey J, Shapiro M, Counihan T, TATRC Reserve Medical Component Training (RCT) Case Scenarios. MedEdPORTAL; 2007. Available from: <http://services.aamc.org/jsp/mededportal/retrieveSubmissionDetailById.do?subId=524>

BOOKS AND BOOK CHAPTERS

1. Williams K: Childhood Emergency Sourcebook 118pp. illus Preschool Enrichment Team, Holyoke, MA 1985, reprinted 1988.
2. Williams K: The Pregnant Patient. In: May H, Aghababian R, Fleisher G [eds.]: Emergency Medicine, second edition Boston, Little Brown and Co. 1992.
3. Diaz O, Williams K: Nicotine. In: Viccellio P [ed.]: Handbook of Toxicology. Boston, Little Brown and Co. 1992.
4. Williams K: Air Medical Systems, chapter in Harwood-Nuss, Linden, Emergency Medicine, 2nd edition Lippincott-Raven, 1996, submitted revision for 3rd edition, 2000
5. Williams K: Emergency Medical Informatics, chapter in Harwood-Nuss, Linden, Emergency Medicine, 2nd edition Lippincott-Raven, 1996, submitted revision for 3rd edition, 2000
6. Williams K: Restuccia M, Allison E J Jr, March J, Hunt R, Emergency Medical Services/Disaster Medicine [7 chapter sections] in Aghababian R, Emergency Medicine, The Core Curriculum, Lippincott-Raven, 1998

7. Williams K: Emergency Medical Services Systems, chapter in Stine, Emergency Medicine, Little Brown, 1995
8. Williams K, & Williams A: Advanced Directives, in Rosen, Barkin et al, The 5 Minute Emergency Medicine Consult, Williams & Wilkins, 1999.
9. Lubin J, & Williams K: Peritonsillar Abscess, in eMedicine, an internet online medical text www.emedicine.com, 1999.
10. Williams K: Public Relations, Transfer Agreements, EMS System Activation. A 3 chapter section in Air Medical Crew National Standard Curriculum, second edition, US Dept of Transportation. Accepted for publication, July 2000.
11. Rayman R, & Williams K: The Passenger and The Patient Inflight. In DeHart R, Davis J [ed.] Fundamentals of Aerospace Medicine, 3rd Edition, Lippincott Williams & Wilkins, 2002.
12. Robinson K, & Williams K: Medical Oversight. in Standards for Critical Care and Specialty Ground Transport. James S ed. Air & Surface Transport Nurses Association, 2002.
13. Williams K, Williams A et al: Disaster and MCI Response. In Principles and Direction of Air Medical Transport, AMPA, Blumen, Lemkin eds. Section editors Brozen, Doyle... Williams 2006.
14. Robinson K, Suzzo J, Williams K: Air Medical Transport. In The Medical Student Survival Guide, Emergency Medicine Resident's Association. 2007.
15. Williams K: Disaster Informatics. In Disaster Medicine, Oxford University Press, 2012
16. Williams K, Williams A, Blumen I: Air Medical Response to Disaster And Multiple Casualty Incidents. In Principles and Direction of Air Medical Transport, 2nd ed. Blumen ed., AMPA 2015.
17. Williams K: Medical Simulation. In Principles and Direction of Air Medical Transport, 2nd ed. Blumen ed., AMPA 2015.
18. Williams K, Kobayashi L, Shapiro M: Disaster Education and Research. In Ciotto's Disaster Medicine 2nd Edition, Elsevier, 2015.
19. Williams K: Medical Control. In Cooney's EMS Medicine, McGraw Hill, 2015.
20. Williams K: Protocols: In Cooney's EMS Medicine, McGraw Hill, 2015
21. Williams K. Chapter 64 Disaster Education and Research. In Ciotto's Disaster Medicine 3rd Edition, Elsevier, 2023 ISBN 978-0-323-28665-7

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. Calvin Lukas Kienbacher, Norah Al Rasheed, Ibrahim Aldeghaither, Esam Barnawi, Jason Rhodes, Harald Herkner, **Kenneth A Williams**. Risk Factors for Busy Days in EMS, A Comprehensive Model. In preparation 2022 SEPT.
2. Elise Solazzo, Kerry McCans, Sylvia Owusu-Ansah, Kenneth Williams. When Should EMS Call a Child a Small Adult: Inconsistency in Protocol Definitions. Accepted for publication 2024 JAN International Journal of Paramedicine, accepted for abstract and poster presentation, NASEMSO Annual Meeting 2024 MAY.

ABSTRACTS/POSTERS/OTHER ACADEMIC PUBLICATIONS

1. **Williams K**, White S, Kaplan R: Lung Compliance Changes in Tension Pneumothorax, A Sheep Model. Presented at UAEM, May 1987
2. **Williams K**, Kaplan R, Stewart R: Blood Ethanol Estimation from Saliva Testing, A Clinical Trial. Presented at UAEM, May 1987
3. LaPlante G, Gore J, Corrao J, **Williams K**: Feasibility and Safety of Transport in AMI Patients by Helicopter During Thrombolytic Therapy with rT-PA. Presented at ASHBEAMS Annual Meeting, September, 1988
4. **Williams K**, Klainer P, Aghababian R, Podgorny E: Emergency Transfer of Cardiac Patients: A Decade of Evolution. Presented at the 3rd International Conference on Emergency Medicine, Toronto, 1990
5. **Williams K**, Bradstreet B, Spencer W: LogER: An Integrated Emergency Department Patient Log System, 1996 AMIA Annual Fall Symposium, Washington, DC, October, 1996
6. Williams A, **Williams K**: The Virtual Doctor Home Page: A Lay Public Medical Resource, Presented at the 1996 AMIA Annual Fall Symposium, Washington, DC, October, 1996
7. Eliot C, **Williams K**, Woolf B: An intelligent learning environment for Advanced Cardiac Life Support, paper presentation, 1996 AMIA Annual Fall Symposium, Washington, DC, October, 1996
8. Lubin J, Chung S, **Williams K**: An assessment of public attitudes and knowledge about automated external defibrillation. Poster presented at NAEMSP, January 2002, Tucson, AZ.
9. **Williams K**, Sullivan F, Suner S, Shapiro M, Kobayashi L, Woolard R, Seekell C: Do first responders enter unsafe environments? Poster presented at New England Research Director's Conference, April 2004 and at SAEM, May 2004 moderated session.
10. **Williams K**, Sullivan F, Suner S, Shapiro M, Kobayashi L, Woolard R, Seekell C, Trespalacios F: Triage Behavior of First Responders. Presented at SAEM, May 2004
11. Suner S, **Williams K**, Shapiro M: Effect of Personal Protective Equipment (PPE) on Rapid Patient Assessment and Treatment During a Simulated Chemical Weapons of Mass Destruction (WMD) Attack. Presented at SAEM, May 2004 moderated session
12. Shapiro M, Kobayashi L, **Williams K**, Sullivan F, Seekell CL, Suner S. Use of personal protective equipment does not impede airway management in an environment simulating a chemical weapons of mass destruction (WMD) attack. Annual International Meeting on Medical Simulation 2004.

13. Suner S, **Williams K**, Shapiro M, Kobayashi L, Woolard R, Sullivan F. Effect of personal protective equipment (PPE) on rapid patient assessment and treatment during a simulated chemical weapons of mass destruction (WMD) attack. Society for Academic Emergency Medicine Annual National Meeting 2004. Acad Emerg Med 2004; 11(5): 605.
14. Shapiro M, Suner S, Kobayashi L, **Williams K**, Sullivan F, Jay G. Simulation Training in Emergency Preparedness (STEP): A statewide Weapons of Mass Destruction (WMD) training program for hospital personnel. Annual International Meeting on Medical Simulation 2005.
15. Shapiro MJ, **Williams KA**, Kobayashi L, Morey JC, Counihan T, Overly F, Sullivan F, Suner S, Jay G. Civilian medical simulation centers as a regional resource for training and skill sustainment of Reserve Component medical personnel in combat casualty care. Annual International Meeting on Medical Simulation 2006. Simulation in Healthcare 2006; 1(2): 120.
16. Morey JC, , **Williams KA**, Kobayashi L, Counihan TC, Norman B, Holland J, Langford V, Skill sustainment for national guard and reserve medical personnel through web-based training and human patient simulation, Final Report for Award Number W81XWH-06-C-0060 prepared for US Army Medical Research and Material Command December 2006.
17. Kobayashi L, **Williams KA**, Jones M, Marcotte S, Jay G. Mobile / Transitive Incident Operational Needs (MoTION) simulation. Lifespan Research Celebration 2007 and Annual International Meeting on Simulation in Healthcare 2008.
18. Kobayashi L, Patterson MD, Overly FL, Shapiro MJ, **Williams KA**, Jay GD. Educational and Research Implications of Portable Human Patient Simulation in Acute Care Medicine. Acad Emerg Med 2008; 15(11): 1166-74.
19. Mason R, Suner S, **Williams K**: Hiker Preparedness in New Hampshire. Poster presented at Wilderness Medicine Society conference, Park City Utah, January 2012.
20. Choi B, Asselin N, Pettit C, Dannecker M, Jones M, Merck L, Suner S, **Williams KA**, Jay G, Kobayashi L. Standard and Automated Device-Assisted Pre-hospital Cardiac Arrest Resuscitation Approaches International Meeting for Simulation in Healthcare, New Orleans LA, January 2015
21. Jayaraman M, Hemendinger M, Baird G, Yaghi S, Cutting S, Saad A, Siket M, Madsen T, **Williams K**, Furie K, McTaggart R. EMS Triage to CSC Reduces Time to Treatment and Improves Outcomes in Patients With Large Vessel Occlusion. International Conference on Stroke, Los Angeles, CA 2018 January. https://doi.org/10.1161/str.49.suppl_1.95 Stroke. ;49:A95
22. **Williams K**, Francis S (added as posthumous author by editor). Drive Like Scott: Important Reasons to Embrace Excellent Ambulance Driving. Journal of Emergency Medical Services, 2019 JUNE 03. <https://www.jems.com/articles/2019/06/drive-like-scott-important-reasons-to-embrace-excellent-ambulance-driving.html>
23. Pasichow S, Boardman T, Dinsmore M, **Williams K**. Saving Lives. Application of the RILSS to LifePACT Critical Care Transport IRB approved, abstract accepted for poster presentation at NASEMSO 2020 Annual Meeting
24. Thorndike J, Rhodes J, Roberts-Santana C, **Williams K**. Calls of Despair: An EMS perspective on suicide and overdose in RI during COVID-19. Abstract and Poster presented at NASEMSO Annual Meeting, 2022 June, Charleston, SC. Honorable Mention awarded.

MEDIA INTERVIEWS

Video

1. Interviewed for feature on speech recognition technology for "Invention", Discovery Channel, 1991.
2. Interviewed for feature on prehospital physicians for "The Doctor is In", New Hampshire Public Television, 1991.
3. Featured on "Abdominal Pain Risk Management" for CME TV, a physician educational video series, 1992.
4. Interviewed for program on New England Life Flight, Greater Media Cable, 1992.
5. Interviewed for program on New England Life Flight, First Priority, Pittsfield Cable Television, 1993.
6. Featured in Kurzweil AI VoiceEM Training Video, 1994
7. Interviewed for program on emergency care, Boston Channel 5 Chronicle, April, 1994
8. Interviewed for news feature on inhaled toxins, Springfield Channel 22, August, 1994
9. Interviewed for news feature on air medical care, Springfield Channel 40, October 1994
10. Interviewed for news feature on apparent death and hypothermia, Providence Channel 12, January 25, 2001.
11. Interviewed regarding anthrax and other bioterrorism threats, Providence Channel 10, September, 2001
12. Interviewed regarding dedication of Lifeguard EMS ambulance, Providence Channel 12, March 2006. Event attended by entire RI Congressional Delegation.
13. Interviewed regarding cyanide exposure to Providence firefighters, Providence TV Channels, aired November, 2006
14. Interviewed regarding the Station Nightclub Fire and disaster response, CNN (background audio), January 2006
15. Interviewed regarding STEMI care by EMS in RI, March 2009
16. Interviewed regarding opiate overdoses and EMS by Newsday, July 2018.
17. EMS Focus: A Collaborative Federal Webinar Series. Presented Evidence-Based EMS Naloxone Guideline development project on this NHTSA-sponsored national EMS Webinar 2019 NOV
18. Improving Stroke Care. ACEP Webinar with Dr. Jayaraman and Gino Paolucci, NP. 2021 OCT

Audio

1. Tape distributed of lecture "The Medical Record of the Year 2000." delivered at the New England Healthcare Assembly, April, 1992
2. Interviewed for NPR feature on ambulance diversion and emergency department overcrowding, WRNI, public radio, Providence, RI, May, 2001.
3. Audio Digest tape of lecture delivered in New Hampshire on Receiving the HAZMAT Patient distributed, Fall 2005
4. Interviewed for NPR RadioLab feature on EMS and the opioid crisis, Peter Smith, 2018 MAR 28, 2018 SEPT
5. Interviewed for NPR News feature on E911 telephone CPR, Lynn Ardit, RIPP, 2018 MAR 29
6. Reviewed and provided feedback on NPR RadioLab feature on EMS and the opioid crisis, 2019 MAY 18. Episode "The Good Samaritan" aired 2019 MAY 24.
7. Interviewed for Pro Publica radio and print article on EMS airway management by Lynn Ardit. Episode aired on The Public's Radio, 2019 DEC 03 at 0500

Print

1. Featured in article on New England Life Flight, "Hovering between life and death." Inside Worcester magazine, September 1990.
2. Featured in article on New England Life Flight, "Aerial Trauma Response." Springfield Sunday Republican, March 29, 1992.
3. Interviewed for feature article Hassig, J: At-the-scene data capture. Healthcare Informatics March 1992; 9(3):18.
4. Featured in cover article on New England Life Flight, Hospital News, May, 1992; 10[5].
5. Featured in article on New England Life Flight, "On the Life Flight." Worcester Telegram and Gazette, 1992.
6. Interviewed for article on speech recognition systems, AMA American Medical News, April 26, 1993.
7. Interviewed for article on Life Flight expansion, Worcester Telegram and Gazette, April, 1994
8. Interviewed for article on Life Flight expansion, Hampshire Gazette, April, 1994
9. Interviewed for article on Life Flight expansion, Univ. of Mass Amherst Collegian, April, 1994
10. Interviewed for article on health during commercial flight, Women's World, April, 2000
11. Invited to provide Congressional testimony, Task Force on Homeland Security, June 24, 2003.

12. **Williams KA.** Vulnerability assessment. Deliverable for Rhode Island Disaster Initiative project phase I. 2003
13. **Williams KA.** Annotated bibliography of references and resources. Deliverable for Rhode Island Disaster Initiative project phase I. 2003
14. Interviewed for feature on homeland security funding, Providence Journal, August, 2003
15. Interviewed on a NEJM article related to mortality during marathons by Kaiser Health, April 2017.
16. Interviewed regarding use of nitrous oxide by EMS for ACEP News article, 2017 SEPT.

INVITED PRESENTATIONS

Regional

Attendees from local, state, or regional area.

1. Emergency Medicine in Australia
Emergency Medicine Grand Rounds Presentation
Univ. of Pittsburgh
December, 1986
2. Torticollis
Emergency Medicine Grand Rounds Presentation
Univ. of Pittsburgh
February, 1987
3. Law and Emergency Medicine
Emergency Medicine Grand Rounds Presentation
Univ. of Pittsburgh
June, 1987
4. Vaginitis
Emergency Medicine Grand Rounds Presentation
Univ. of Mass
November, 1987
5. Abdominal Pain
Emergency Medicine Grand Rounds Presentation
Univ. of Mass
February, 1988
6. History of Emergency Medicine and Air Medical Care
Mass Assn. of EMTs Annual Convention
Springfield, Mass
October, 1988
7. Benefits of Advanced Life Support
Testimony before Mayor's Select Committee on Ambulance Care
Fitchburg, Mass
October, 1988
8. Advanced Paramedic Skills
Burbank Hospital Prehospital Care Conference
Fitchburg, MA
November, 1988
9. The Moribund Trauma Patient and Life Flight
Emergency Medicine M&M Conference
Univ. of Mass
January, 1989

10. Orthopedic Emergencies
CEDNEP Nursing Triage Program
Univ. of Mass
April 1989
11. Helicopter Utilization Review
Emergency Medicine M&M Conference
Univ. of Mass
April 1989
12. Medical Direction Options
Burbank Hospital Prehospital Care Conference
Fitchburg, MA
April, 1989
13. Advanced Paramedic Skills
Burbank Hospital Prehospital Care Conference
Fitchburg, MA
May, 1989
14. Prehospital Care
Emergency Medicine Conference
Univ. of Mass
June, 1989
15. Airway Management
Emergency Medicine Conference
Univ. of Mass
June, 1989
16. Introduction to Prehospital and Emergency Care
Medical Student Clerkship
Univ. of Mass
September, 1989
17. Patient Satisfaction and the Business of Medicine
Emergency Medicine Conference
Univ. of Mass
September, 1989
18. Musculoskeletal Injuries
CEDNEP Nursing Triage Program
Univ. of Mass

September, 1989

19. Medical Direction
Massachusetts Assn. of EMTs
Springfield, MA
December, 1989
20. Quality Assurance and Patient Satisfaction
Emergency Medicine Conference
Univ. of Mass.
February, 1990
21. Documentation and Computers in the ED
Emergency Medicine Conference
Univ. of Mass.
March, 1990
22. Emergency Medicine: Past, Present and Future
Medical Student Clerkship
Univ. of Mass.
May 1990
23. Air Medical Care and Medical Direction
EMT Class
STCC Springfield, MA
May 1990
24. Air Medical Services: a Technology Assessment
Emergency Medicine Conference
Univ. of Mass.
July 1990
25. Voice Activated Dictation of Emergency Medical Reports,
Risk Management Seminar
Univ. of Mass.
July 1990
26. Prehospital Care Rounds
Univ. of Mass.
August, 1990
27. The Future of Emergency Medicine
Medical Student Clerkship
Univ. of Mass.

September 1990

28. Emergency Procedures Lab
Resident and Flight Nurse Cadaver Lab
Univ. of Mass.
October 1990
29. Prehospital Care Rounds
Univ. of Mass.
October, 1990
30. ACLS Airway Management
Univ. of Mass.
November, 1990
31. Use of Air Medical Services
Barre Regional Health Center
Barre, MA
November, 1990
32. Prehospital Care Rounds
Univ. of Mass.
December 1990
33. Air Medical Care in New England; A Decade of Progress
Medical Grand Rounds
Univ. of Mass.
January, 1991

34. Emergency Thoracic Decompression
CMEEMS Paramedic Course
Holden, MA
February, 1991
35. Prehospital Care Rounds
Univ. of Mass.
February, 1991
36. Quality Management and ED Triage
ED Triage Training Course
Univ. of Mass.
March, 1991
37. Medical Emergencies
EMT Course
Holy Cross College
Worcester MA
March, 1991
38. Air Medical Helicopter and Emergency Department Tour
JCC Preschool
Worcester, MA
March, 1991
39. Emergency Procedures Lab
Resident and Flight Nurse Cadaver Lab
Univ. of Mass.
April, 1991
40. Abdominal Pain in the ED
Resident Conference
Univ. of Mass.
April, 1991
41. Oral Board Simulation Course
Resident Conference
Univ. of Mass.
June, 1991
42. Prehospital Care Rounds
Univ. of Mass.
June, 1991

43. Air Medical Care, A Community Service
Gardner Rotary Club
Gardner, Mass.
June, 1991
44. Emergency Medicine Clinical Computing
EM resident conference
Univ. of Mass.
July, 1991
45. Airway Management Workshop
EM resident conference
Univ. of Mass.
July, 1991
46. Emergency Medicine Information Systems
EM resident conference
Univ. of Mass.
August, 1991
47. Airway Workshop
EM resident conference
Univ. of Mass.
August, 1991
48. Emergency Medicine Information Systems
EM resident conference
Univ. of Mass.
Sept, 1991
49. Airway Workshop
EM resident conference
Univ of Mass.
Sept, 1991
50. Trends in Trauma, Air Medical Care
Trauma Conference
Univ. of Mass.
Sept. 1991
51. Prehospital Care Rounds
Univ. of Mass.
Sept, 1991

52. Introduction to Emergency Medicine
Medical Student Emergency Medicine Clerkship
Univ. of Mass.
Sept, 1991
53. Community Importance of Air Medical Care
Greendale Retired Men's Club
Worcester, MA
Oct, 1991
54. Emergency Medicine Information Systems
EM resident conference
Univ. of Mass.
Nov, 1991
55. Medical Computer Applications
Worcester State College
Worcester, MA
Nov. 1991
56. Emergency Procedures Lab
Resident and Flight Nurse Cadaver Lab
Univ. of Mass.
Nov., 1991
57. Voice Recognition Computer Systems for Emergency Medicine
Presentation to Board of Trustees
Univ. of Mass.
Nov., 1991
58. Emergency Medicine Information Systems
EM resident conference
Univ. of Mass.
Dec, 1991
59. Expert Witness: in your future?
EM resident conference
Univ. of Mass.
Jan, 1992
60. Emergency Medicine Information Systems
EM resident conference
Univ. of Mass.
Feb, 1992

61. Airway Management Workshop
EM resident conference
Univ. of Mass.
Feb, 1992
62. Emergency Medicine Information Systems
EM resident conference
Univ. of Mass.
March, 1992
63. Air Medical Care
Harrington Memorial Hospital ED Rounds
Southbridge, MA
May, 1992
64. Emergency Medicine Information Systems
EM resident conference
Univ. of Mass.
May, 1992
65. Advanced skills cadaver lab
EM resident conference
Univ. of Mass.
May, 1992
66. The value of helicopter ambulance systems
Greendale Retired Men's Club
Worcester, MA
May, 1992
67. Air medical Care in New England, a Decade of Progress
Shrewsbury Rotary
Shrewsbury, MA
May, 1992
68. Oral Board Review Course
EM resident conference
Univ. of Mass.
June, 1992
69. Emergency Medicine Information Systems
EM Resident Lecture
Univ. of Mass.
June, 1992

70. Spinal Cord Trauma: Perspective from the accident scene
New England Rehabilitation Hospital
Salem, NH
June, 1992
71. Voice recognition and emergency medical records generation
Mass. Medical Records Assn. annual meeting
Sturbridge, Mass.
June, 1992
72. Use of voice recognition documentation systems in academic emergency departments
Emergency Medicine Residency Conference
Boston City Hospital
July, 1992
73. Emergency Medicine Information Systems
EM resident conference
Univ. of Mass.
August, 1992
74. Emergency Medicine, Hub of the Universe.
UMMC Medical School Emergency Medicine Clerkship
Univ. of Mass.
September, 1992
75. Emergency Medicine Information Systems: Development of Scoring Systems
EM resident conference
Univ. of Mass.
September, 1992
76. Advanced skills cadaver lab
EM resident and flight nurse conference
Univ. of Mass.
January 1993
77. EMS Technology of the Future
Second annual Trauma Conference
Univ. of Mass.
February 1993
78. Use of air medical services
Western Massachusetts EMS council
Northampton, MA
March, 1993

79. EMS 2000: Technology of the Future
EMS week keynote speech
Franklin Medical Center
Greenfield, MA
May, 1993

80. Emergency Medical Services
EM resident conference
Univ. of Mass.
July, 1993

81. Quality Improvement at Life Flight
Univ. of Mass Quality Leadership Training
Univ. of Mass.
July 1993

82. Emergency Medical Services
EM resident conference
Univ. of Mass.
September, 1993

83. Air Medical Care
EM Resident Lecture
Univ. of Mass.
October 1994

84. ACLS Megacode
Univ. of Mass.
November 1993

85. Emergency Medical Services
EM Resident Lecture
Univ. of Mass.
December 1993

86. ATLS Testing,
Univ. of Mass.
January 1994

87. Emergency Medical Informatics: An Introduction
Emergency Medicine Faculty Retreat
Univ. of Mass.
March, 1994

88. Use of Air Medical Services
Northeast Division, National Ski Patrol Training Program
Princeton MA
March, 1994

89. Air Medical Care
EM Resident Lecture
Univ. of Mass.
March 1994

90. Advanced Skills Cadaver Lab, Life Flight
Univ. of Mass.
March, 1994

91. Trauma in Pregnancy
Joint Mass ENA / ACEP Conference
Marlborough MA
March 1994

92. Airway Management Workshop
EM Resident Lecture
Univ. of Mass.
April, 1994

92. Life Flight, History and Future
UMMC Foundation
Univ. of Mass.
June, 1994

93. Headache
EM Resident Lecture
Univ. of Mass.
October, 1994

94. Air Medical Care
Western Mass EMS Convention
Springfield, MA
October, 1994

95. Four Questions about Emergency Medicine
First year medical student clerkship
Univ. of Mass.
October, 1994

96. Air Medical Care in Western Massachusetts,
EMS/Trauma Conference, Baystate Medical Center
Springfield, MA
October, 1994
97. Air Medical Care
Yale University Hospital
New Haven, CT
October, 1994
98. Cardiac Emergencies
EMS Management Program, Springfield College
Springfield, MA
November 1994
99. Trauma
EMT Course, Central High School
Springfield, MA
January 1995
100. Helicopters and Medical Care
Mercy Hospital CPC
Springfield, MA
March 1995
101. Emergency Procedures Lab
Resident and Flight Nurse Cadaver Lab
Univ. of Mass.
March, 1995
102. Medical and Traumatic Emergencies
EMT Course, STCC
Springfield, MA
July, 1995
103. Childbirth, Pediatrics, Shock and Survival
EMT Course, STCC
Springfield, MA
July, 1995
104. Neuroanatomy and Physiology,
Paramedic Program, Springfield College
Springfield, MA
August, 1995

105. Personal Stress Management

Life Flight Seminar

Turner's Falls, MA

August, 1995

106. Personal Stress Management

Life Flight Seminar

Univ. of Mass.

September 1995

107. "Crew Resource Management" for Medical Crew

UMMC EM Grand Rounds

Univ. of Mass.

February, 1996

108. ED Occupational Risks
MACEP Management Roundtable
Marlborough, MA
September, 1996
109. Musculoskeletal Trauma
CMEEMS EMT Course
Holden, MA
October, 1996
110. Trauma Treatment
Nashoba Valley EMT Course
Ayer, MA
October, 1996
111. Emergency Medicine Careers
Science Day, Shrewsbury Middle School
Shrewsbury, MA
November, 1996
112. Comparative EMS Systems, Massachusetts and NSW Australia
UMMC EM Grand Rounds,
Univ. of Mass.
November, 1996
with Ross Findlay, Station Officer, NSW Ambulance
113. Evaluating Clinical Performance
MACEP Management Roundtable
Framingham, MA
November 1996

114. Emergency Department Ultrasound
MACEP Management Roundtable
Framingham, MA
February, 1997
115. Medical Direction
RI Hospital EM Resident Conference
Providence, RI
February, 1997
116. Sepsis
UMMC Emergency Medicine Grand Rounds
Univ. of Mass.
April, 1997
117. EMS Vehicle and Crew Choice
RI Hospital EM Resident Conference
Providence, RI
August, 1997
118. Blood Borne Pathogens
United States Coast Guard, Castle Hill Station
Newport, Rhode Island
April, 1998
119. EMS System Design
Base Station Course, Rhode Island Hospital
Providence, RI
April, 1998
120. Abdominal Pain
Medical Student Elective Lecture Series
Univ. of Mass.
April, 1998
121. The Aviation Background of Teamwork Training
University Emergency Medicine Foundation Retreat
Providence, RI
May, 1998
122. Air Medical Care in EMS for Children
EMSC Spring Training
RI Dept. of Health/EMSC
Warwick, RI
May, 1998
123. The Pregnant Emergency Department Patient
Brown University Emergency Medicine Residency
Providence, RI

May, 1998

124. Air Medical Care System Design
Brown University Emergency Medicine Residency
Providence, RI
August, 1998
125. EMS System Design
Base Station Course
Brown University Emergency Medicine Residency
Providence, Rhode Island
February, 1999
126. Wound Management
Brown University Emergency Medicine Residency
Providence, RI
July, 1999
127. Mock Codes
Brown University Emergency Medicine Residency
Providence, RI
July, 1999
128. EMS
Brown University Emergency Medicine Residency
Providence, RI
July, 2000
129. Arrhythmias
Brown University Medical School ACLS
Providence, RI
July, 2000
130. Wound Management
Brown University Emergency Medicine Residency
Providence, RI
July, 2000
131. DMAT response to WTC Terrorist Incident
Terrorist Health Threats: A Program for Physicians
Rhode Island Medical Society
Warwick, RI
November, 2001
132. EMS and Stroke Treatment
Regional EMS Lecture, RI DOH and RI AHA / ASA
Providence, RI Area
4 sessions, Fall 2002.
133. ACLS
Brown University Residents

Providence, RI
June 2003

134. Update on Disaster Management
Massachusetts Association of Healthcare Executives
Waltham, MA
June, 2003
135. EMS
Orientation for Brown Emergency Medicine Residents
Providence, RI
July, 2003
136. CPC – Focal Neurologic Deficit in a patient exposed to bird droppings.
Emergency Medicine Resident Conference,
Providence, RI
March 2004.
137. The Rhode Island Disaster Initiative and Disaster Response
RI-1 DMAT Conference
Providence, RI
March 2004.
138. Pediatric Trauma Triage
New England EMS for Children Conference
Newport, RI
November, 2004
139. A Method to the Madness: Trauma Systems Development in Rhode Island
The 16th Kiwanis Pediatric Trauma Management Seminar
Providence, RI
November, 2004
140. Disaster Response for Professionals.
The 3rd Annual Tom Steele Memorial Conference,
Springfield, MO April 2005
141. Simulation for Disaster Responders
The 3rd Annual Tom Steele Memorial Conference,
Springfield, MO
April 2005
142. HAZMAT Patient Care
Medical Emergencies Conference
Dartmouth Medical School
Hanover, NH
May 2005
143. Response to Major Incidents
Rhode Island Dept. of Health and Emergency Management Agency
Providence, RI

August, 2006

144. The Toxicology of WMD Agents
Brown Medical School Residency in Emergency Medicine
Providence, RI
September, 2006
145. EMS Disaster Response
Institute for Emergency Medical Education
Taunton, MA
October, 2006
146. ACLS Update
Paramedic Refresher Program
Providence, RI
January 2007
147. Major Incident Support Training
Train-the-trainer Program
Providence, RI
11 sessions between March and October 2007
148. Objective Disaster Drill Scoring
3rd Annual RI Disaster Responder Conference
Organized and directed conference
Warwick, RI
June, 2007
149. The EMS System and STEMI in RI
Cardiology Seminar
Providence, RI
June, 2007
150. Thoracic Trauma
ATLS Course
Providence, RI
October, 2007
151. Steroid Use in EMS
RI Department of Health EMS Division Seminar
Warwick, RI
January, 2008
152. Recognition of the Critically Ill Child
PALS for Emergency Medicine & Pediatric Residents
Providence, RI
June 2008
153. Pediatric Disaster Issues
RI DOH EMS-C Conference
Providence, RI

October, 2008

154. Caring for Children with Special Needs
RI DOH EMS-C Conference
Providence, RI
December, 2008
155. Pre-Hospital Management of Pediatric Trauma
RI DOH EMS-C Conference
Providence, RI
December, 2008
156. Spinal Immobilization in Pediatrics
RI DOH EMS-C Conference
Providence, RI
February, 2009
157. Stroke and EMS
AHA CT Stroke Conference
Rocky Hill, CT
May, 2009
158. Trauma Case Review
New England Regional Symposium, ENA
April, 2009
Providence, RI
159. STEMI Care in RI
RI STEMI Seminar
April, 2009
Providence, RI
160. Pediatric Toxicology
RI DOH EMS-C Conference
Providence, RI
March, 2009
161. Shock
ATLS Course
Providence, RI
October, 2009
162. Disaster Response
Regional EMS Seminar
Keene, NH
March, 2010
163. EMS and the Burn Patient
New England Burn Symposium
Providence, RI
November, 2010

164. Airway Management
ATLS Course
Providence, RI
July, 2011
165. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
July, 2011
166. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
August, 2011
167. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2011
168. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2011
169. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2011
170. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2011
171. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
January, 2012
172. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center

Providence, RI
February, 2012

173. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
March, 2012

174. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
April, 2012

175. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2012

176. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
June, 2012

177. EMS Base Station
Brown EM Resident Course
Providence, RI
July, 2012

178. Abdominal Trauma
ATLS Course
Providence, RI
July, 2012

179. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
July, 2012

180. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
August, 2012

181. HEMS, Disaster Response
Wilderness Medicine Elective

Brown Medical School
Providence, RI
September, 2012

182. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2012

183. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2012

184. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2012

185. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2012

186. Critical Care Transport,
Administrative Organization of EMS Systems (2 lecture topics)
Southern Maine Medical Center EMS Conference
Biddeford, ME
January, 2013

187. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
January, 2013

188. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
February, 2013

189. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
March, 2013

190. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
April, 2013
191. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2013
192. Motivating Medical Research
NEOMEN Annual Conference
University of New England
Biddeford, ME
May, 2013
193. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
June, 2013
194. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2013
195. Major Incident and Disaster Response
Kent Hospital Emergency Medicine Residency Grand Rounds
Warwick, RI
September, 2013
196. Wilderness Medicine, Helicopter Use, and Disaster Management
Wilderness Medicine Elective
Alpert Medical School of Brown University
Providence, RI
October, 2013
197. Trauma Systems as Tertiary Injury Prevention
Injury Prevention Master's Course
Brown School of Public Health
Providence, RI
November, 2013
198. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center

Providence, RI
January, 2014

199. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
February, 2014

200. Head and Neck Injuries
Community College of RI
EMT Basic Course
Warwick, RI
March, 2014

201. Prehospital Medical Emergencies
Brown EMS Refresher
Brown University
Providence, RI
March, 2014

202. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
March, 2014

203. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
April, 2014

204. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2014

205. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
June, 2014

206. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
July, 2014

207. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2014
208. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2014
209. EMS, DNR, and MOLST
Rhode Island Association for Healthcare Quality
Providence, RI
October, 2014
210. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2014
211. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2014
212. Emergency Medical Countermeasure Dispensing in Rhode Island: What You Need to Know
Public Health Grand Rounds
RI Department of Health
January, 2015
213. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
January, 2015
214. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
February, 2015
215. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
March, 2015

216. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
April, 2015
217. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2015
218. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
June, 2015
219. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2015
220. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2015
221. ACLS Experienced Provider
Lifespan Medical Simulation Center
Providence, RI
October, 2015
222. Controversies in EMS
South Kingstown EMS Paramedic Refresher
South Kingstown, RI
October, 2015
223. Community Paramedicine / Mobile Integrated Healthcare
Vermont EMS Conference
Jay Peak, VT
October, 2015
224. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2015

225. New England Council for EMS / UEMF EMS Leadership Conference
Conference Leadership
Newport, RI
November, 2015
226. First Aid, CPR, and Bloodborne Pathogens
USCG STA Castle Hill
Newport, RI
December, 2015
227. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2015
228. CPR and First Aid Qualification
USCG STA Castle Hill
Newport, RI
April, 2016
229. Marine EMS / Wilderness Medicine
Brown Medical School Senior Elective
USCG STA Castle Hill
Newport, RI
April, 2016
230. CPR and First Aid Training
USCG STA Castle Hill
Auxiliary Training Day
Newport, RI
April, 2016
231. Evidence-Based EMS
Central Vermont EMS Conference
Central Vermont Medical Center
Bare, VT
June, 2016
232. The Latest in Stroke Treatment
Central Vermont EMS Conference
Central Vermont Medical Center
Bare, VT
June, 2016
233. First Aid and CPR Training
USCG AUX Sector Training S-TRAIN
Sector Southeastern New England
Mass Maritime Academy
Bourne, MA

October, 2016

234. Evidence-Based EMS
2016 Vermont Healthcare and Emergency Medical Services Preparedness Conference
Mt. Snow Conference Center
West Dover, VT
October, 2016
235. The Latest in EMS Stroke Care
2016 Vermont Healthcare and Emergency Medical Services Preparedness Conference
Mt. Snow Conference Center
West Dover, VT
October, 2016
236. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2016
237. New Drugs in the Field
St. Vincent Hospital 2016 Emergency Services Symposium
Worcester, MA
November, 2016
238. New England Council for EMS / UEMF EMS Leadership Conference
Conference Director
Newport, RI
November, 2016
239. LifePACT Critical Care Transport Course (multiple topics)
History of Critical Care Transport
EMTALA and Legal Issues in CCT
Flight Physiology
Aircraft Type and Choice
Safety during CCT
Providence, RI
February, 2017
240. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
April, 2017
241. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2017

242. LifePACT Critical Care Transport Course
Evidence-Based Medicine: Evaluating the Evidence
Providence, RI
May, 2017
243. 5 Things EMS Can Learn from the USCG
EMS Week Appreciation Conference
Cheshire Medical Center
Dartmouth-Hitchcock Keene
Keene, NH
May, 2017
244. First Aid and CPR
USCG STA Castle Hill
Newport, RI
June, 2017
245. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
June, 2017
246. LifePACT Critical Care Transport Course
US Air National Guard Helicopter Simulation-Based Training
Quonset Air National Guard Base
Quonset Point, RI
June, 2017
247. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
July, 2017
248. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2017
249. Status of Stroke Care in Rhode Island
NorthEast Cerebrovascular Consortium
Newport, RI
October, 2017
250. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2017

251. Alpert Medical School EMS Elective
First and Second year student EMS Elective
Providence, RI
6 sessions,
October and November, 2017
252. Evidence-Based EMS: Do EMTs kill bystanders at marathons?
2017 Vermont Healthcare and Emergency Medical Services Preparedness Conference
Burlington, VT
November, 2017
253. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2017
254. First Aid and CPR Training
USCG STA Castle Hill
Newport, RI
December, 2017
255. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2017
256. Airway Management
SKEMS Paramedics
Lifespan Medical Simulation Center
Providence, RI
March, 2018
257. ACLS
Warren Alpert Medical School of Brown University
Remote Lifespan Medical Simulation Center
Providence, RI
April, 2018
258. First Aid and CPR Training
USCG STA Castle Hill
Newport, RI
May, 2018
259. EMS
Johnson & Wales Physician Assistant Program
Providence, RI
May, 2018

260. First Aid and CPR
Cuttyhunk Volunteer Fire and Rescue
Alpert Medical School EMS Elective
Gosnold, MA
May 2018
261. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2018
262. Introduction to EMS
Brown Emergency Medicine PGY-1 Residents
Providence, RI
July, 2018
263. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
August, 2018
264. MedWars Wilderness Scenario
Brown Emergency Medicine Residents
Lincoln, RI
August, 2018
265. Alpert Medical School EMS Elective
First and Second year student EMS Elective
Providence, RI
6 sessions
October and November 2018
266. EMS
Bryant University Physician Assistant Program
Providence, RI
October, 2018
267. First Aid and CPR
USCG STA Castle Hill
Newport, RI
October, 2018
268. Naloxone Evidence-Based Guideline Update
NASEMSO East Region Annual Meeting
Atlantic City, NJ
October, 2018
269. Critical Care Transport Simulation-Based Training
LifePACT Team

Lifespan Medical Simulation Center
Providence, RI
October, 2018

270. Status of Stroke Care in Rhode Island
NorthEast Cerebrovascular Consortium
Newport, RI
October, 2018

271. BLS and AED Use
BLS and ACLS Course
Rhode Island Hospital Medical Simulation Center
Providence, RI
October, 2018

272. Emergency Preparedness
RI ACEP Annual Meeting
Warwick, RI
November, 2018

273. Naloxone Evidence-Based Guideline Development
New England Council for EMS Leadership Conference
Course Director
Newport, RI
November, 2018

274. Simulation-Based EMS Training
Brown EMS Division
Lifespan Medical Simulation Center
Providence, RI
November, 2018

275. How to have a Long and Happy Career
Brown Emergency Medicine Fellowship Research and Career Seminar
Providence, RI
December, 2018

276. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2018

277. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
January, 2019

278. Aortic Vascular Emergencies
LifePACT Training

Lifespan Medical Simulation Center
Providence, RI
2019 JAN

279. Lifespan Cardiovascular Institute EMS Symposium
Panelist
Warwick, RI
2019, FEB

280. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
2019 MAR

281. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
2019 APR

282. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
2019 MAY

283. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
2019 JUNE

284. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
2019 JULY

285. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
2019 AUGUST

286. History of EMS
Brown EMS Fellowship Didactics
Providence, RI
2019 AUGUST

287. First Aid and CPR

USCG STA Castle Hill
Newport, RI
2019 SEPTEMBER

288. Alpert Medical School Practical Skills in EMS and Disaster Response
First and Second year student EMS Elective
Providence, RI
6 sessions
October and November 2019, Final session scheduled May 2020.

289. Electrocutation
Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
2019 OCTOBER

290. Creating an Evidence-Based Guideline: The Naloxone Example
2019 Vermont Healthcare and Emergency Medical Services Preparedness Conference
Keynote Speech
Burlington, VT
2019 OCTOBER

291. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
2019 NOVEMBER

292. Radiology for Critical Care Transport: The CXR
Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
2020 JANUARY

293. Helicopter EMS Operations
EMS Fellowship / LifePACT Team
Providence, RI
2020 FEBRUARY

294. Boating Emergencies
USCG AUX Boating Safety Course
Providence, RI
2020 MARCH

295. Radio System Operation
Brown Fellowship in EMS
Providence, RI
2020 MARCH

296. COVID EMS Update
Brown Emergency Medicine Residency
Providence, RI
2020 APRIL
297. Introduction to EMS
Bryant University PA Program
Smithfield, RI
2020 OCT
298. Status of Stroke Care in Rhode Island
NorthEast Cerebrovascular Consortium
Virtual
2020 OCT
With Dr. Jayaraman
299. Cockpit Resource Management for Critical Care Transport
LifePACT Team
Via Teams from Lifespan Alternate Hospital Site, Providence, RI
2020 DEC
300. Ventilator Cases
LifePACT Team
Via Teams, Providence RI
2021 JAN
301. Ventilator Cases
LifePACT Team
Via Teams, Providence RI
2021 FEB
302. 2021 RI EMS Protocol Update
Rhode Island Department of Health Center for EMS
Providence, RI
Via Teams
2021 FEB
303. Case Review
LifePACT Team
Via Teams, Providence RI
2021 MAR
304. EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2021 MAR weekly
305. EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2021 APR weekly

- 306.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2021 MAY weekly

- 307.EMS Overview
Johnson & Wales
Physician Assistant Program
Providence, RI
2021 MAY

- 308.Case Review
LifePACT Team
Via Teams, Providence RI
2021 MAY

- 309.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2021 JUNE weekly

- 310.Simulation-Based Training
LifePACT Team
Providence RI
2021 JULY

- 311.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2021 JULY weekly

- 312.Simulation-Based Training
LifePACT Team
Providence RI
2021 AUGUST

- 313.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2021 AUGUST weekly

- 314.Simulation-Based Training
LifePACT Team
Providence RI
2021 SEPT

- 315.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual

2021 SEPT weekly

316. Simulation-Based Training
LifePACT Team
Providence RI
2021 OCT

317. EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2021 OCT weekly

318. EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2021 NOV weekly

319. Simulation-Based Training
LifePACT Team
Providence RI
2021 NOV

320. Simulation-Based Training
LifePACT Team
Providence RI
2021 DEC

321. EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2021 DEC weekly

322. EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2022 JAN weekly

323. Simulation-Based Training
LifePACT Team
Providence, RI
2022 JAN

324. EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI virtual
2022 FEB weekly

325. Simulation-based Training
LifePACT Team
Providence, RI
2022 MAR

326.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 MAR weekly

327.Simulation-Based Training
LifePACT Team
Providence, RI
2022 APR

328.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 APR weekly

329.Simulation-Based Training
LifePACT Team
Providence, RI
2022 MAY

330.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 MAY weekly

331.Simulation-Based Training
LifePACT Team
Providence, RI
2022 JUNE

332.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 JUNE weekly

333.Simulation-Based Training
LifePACT Team
Providence, RI
2022 JULY

334.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 JULY weekly

335.Simulation-Based Training
LifePACT Team
Providence, RI
2022 AUG

336.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 AUG weekly

337.Simulation-Based Training
LifePACT Team
Providence, RI
2022 SEPT

338.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 SEPT weekly

339.Simulation-Based Training
LifePACT Team
Providence, RI
2022 OCT

340.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 OCT weekly

341.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 NOV weekly

342.Simulation-Based Training
LifePACT Team
Providence, RI
2022 NOV

343.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2022 DEC weekly

344.Simulation-Based Training
LifePACT Team
Providence, RI
2022 DEC

345.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2023 JAN weekly

346.EMS Fellowship Textbook Review

BAEMA Fellows
Providence, RI
2023 FEB weekly

347.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2023 MAR weekly

348.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2023 APR weekly

349.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2023 MAY weekly

350.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2023 JUN weekly

351.First Aid for USCG AUXILIARY
USCG AUX Flotilla 78
Cranston, RI
2023 JUN

352.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2023 JULY

353.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2023 AUGUST weekly

354.RI-1 DMAT Deployment Training
Course Physician Director
Lecture on Trauma Care
2023 AUG

355.EMS Fellowship Textbook Review
BAEMA Fellows
Providence, RI
2023 SEPTEMBER weekly

356.EMS Fellowship Textbook Review
BAEMA Fellows and other learners

Providence, RI
2023 OCTOBER weekly

357.EMS Fellowship Textbook Review
BAEMA Fellows and other learners
Providence, RI
2023 NOVEMBER weekly

358.EMS Fellowship Textbook Review
BAEMA Fellows and other learners
Providence, RI
2024 JANUARY weekly

359.EMS Fellowship Textbook Review
BAEMA Fellows and other learners
Providence, RI
2024 FEBRUARY weekly

360.ACGME EMS Fellowship
EMS Occupational Health
Providence, RI
2024 FEBRUARY

National

Significant number of attendees from across the US; national event or organization.

1. Resident Training and Air Medical Care
NAEMSP Conference
San Diego, CA
August, 1986
2. Physician Use of Voice Recognition Documentation
Interview for program "Invention"
Discovery Channel
October, 1990
3. Abdominal Pain Risk Management
MASS ACEP Risk Management Course
Boston, MA
October, 1990
4. Voice Activated Dictation of Emergency Medical Reports,
Risk Management Seminar
Univ. of Mass CME
Seal Beach, California
October, 1990

5. Understanding Emergency Physicians
KAI Applications Specialists Training
Waltham, Mass
January, 1991
6. Voice Activated Dictation of Emergency Medical Reports,
Risk Management Seminar
Univ. of Mass CME
Tampa, Florida
April, 1991
7. Abdominal Pain Risk Management
MASS ACEP Risk Management Course
Boston, MA
April, 1991
8. Voice Activated Documentation Systems
SUNY Emergency Medicine Residency
Stony Brook, NY
June, 1991
9. Voice Activated Documentation Systems
Univ. of Georgia Emergency Medicine Residency Faculty
Univ. of Mass.
June, 1991
10. Abdominal Pain Risk Management
MASS ACEP Risk Management Course
Boston, MA
Sept, 1991
11. Voice recognition systems in emergency medicine.
Demonstration of system at ACEP annual conference
Boston, MA
October, 1991
12. Quality Assurance and Computers
Air medical Transport Conference
Oct., 1991
Tampa, Florida

13. Power Tools for Quality Management: Computer Applications
Rocky Mountain Helicopters Fireside Conference
Provo, UT
March, 1992
14. The Medical Record of the Year 2000: Voice Activated Knowledge Base Systems
New England Healthcare Assembly
Boston, MA
April, 1992
15. Abdominal Pain Risk Management
Massachusetts ACEP Risk Management Course
Boston, MA
May, 1992
16. Abdominal Pain Risk Management
Mass ACEP Risk Management Course
Boston, MA
October, 1992
17. Quality improvement through computer applications
Program for Healthcare Innovations Conference
Boston, MA
October 1992.
18. Risk Management, Abdominal Pain
Mass ACEP Risk Management Course
Boston, MA
October, 1993
19. Abdominal Pain Risk Management
MACEP Risk Management Course
Boston, MA
September, 1995
20. Myocardial Infarction, Pericarditis, Myocarditis
MACEP Recertification Program
Burlington, MA
September, 1997
21. Chest Pain Evaluation in the Emergency Department
Ohio Academy of Trial Attorneys
Columbus, Ohio
March, 1998
22. The Future of Teamwork Training

Air Methods Corporation Customer Conference
Denver, Colorado
May, 1998

23. Chest Pain in the Emergency Room
ATLA National Conference
Washington, DC
July, 1998
24. Teamwork During Transport
Transport Medicine 99
Cambridge Health Resources
Boston, MA
June 1999
25. Marine EMS: An introduction to the United States Coast Guard experience
Emergency Medicine: New England Conference
RI ACEP
Newport, RI
August 1999
26. Marine EMS: The USCG, EMS, and Bio-Terrorism
NASEMSD National Conference
Rapid City, SD
October, 1999
27. Cardiovascular Emergencies
Intensive Review of Emergency Medicine
Massachusetts College of Emergency Physicians
Boston, MA
October, 1999
28. Teamwork in EMS
AAMS Region 9 Conference
Charleston, SC
May, 2000
29. Emergency Medicine Organized
AAMS Region 9 Conference
Charleston, SC
May, 2000
30. Cardiovascular Emergencies
Intensive Review of Emergency Medicine
Massachusetts College of Emergency Physicians
Boston, MA
October, 2000
31. Cardiovascular Emergencies
Intensive Review of Emergency Medicine
Massachusetts College of Emergency Physicians

Boston, MA
October, 2001

32. Cardiovascular Emergencies
Intensive Review of Emergency Medicine
Massachusetts College of Emergency Physicians
Boston, MA
October, 2002
33. Cardiovascular Emergencies
EMS and Disaster Systems
Intensive Review of Emergency Medicine
Massachusetts College of Emergency Physicians
Boston, MA
October, 2003
34. The Rhode Island Disaster Initiative: Research Briefing
The NDMS National Conference Research Track
Orlando, FL
May, 2005
35. Rhode Island Disaster Research and Protocols
NASEMSO Medical Director's Council at NAEMSP
Bonita Springs, FL
January, 2011
36. Technology and Transport
American Academy of Pediatrics Annual Meeting
New Orleans, LA
October, 2012
37. Orientation for New Medical Directors
NASEMSO Medical Director's Council
Albuquerque, NM
September, 2016
38. Advances in Stroke Care
NASEMSO Annual Meeting
New Orleans, LA
March, 2017
39. Lessons EMS Can Learn from the USCG
NASEMSO Annual Meeting
Providence, RI
May, 2018
40. Stroke Update: Rhode Island
Northeast Cerebrovascular Consortium
American Stroke Association
Boston, MA
October, 2019

41. BioSpatial Rhode Island EMS Data State Partnership
 NASEMSO Medical Director's Council
 NAEMSP Annual Meeting
 San Diego, CA
 January, 2020
42. Interfacility Transfer of Critical Patients
 NASEMSO Medical Director's Council
 NAEMSP Annual Meeting
 San Diego, CA
 January, 2020
43. Canine EMS: Coming to a State Near You
 NASEMSO Medical Director's Council
 NAEMSP Annual Meeting
 San Diego, CA
 January, 2020
44. Opioid Crisis Panel Discussion Moderator
 NASEMSO Annual Meeting
 Charleston, SC
 2022 JUNE

International

Conference outside the US, significant number of attendees from outside the US; international organization or event.

1. Prehospital Physicians
 NSW Paramedic Training Program
 Sydney, Australia
 October, 1986
2. Demonstration of voice recognition documentation systems in emergency medicine,
 International Conference on Emergency Medicine
 Washington DC
 May, 1992
3. Air Medical Program Design
 AMTC/AMPA Preconference
 Long Beach CA
 September, 1995

4. "Cockpit Resource Management" for the Medical Crew
AMPA Clinical Care Conference
Lake Tahoe, Nevada
March, 1996
5. Resource Management and Risk Management
AMPA Preconference, AMTC
Dallas, TX
October, 1996
6. "Cockpit Resource Management" for Medical Teams
Emergency Medicine Challenges
Tortola, BVI
January 1997
7. Teamwork in the Emergency Department
Emergency Medicine Challenges
Tortola, BVI
January 1997
8. Abdominal Pain / Risk Management
Emergency Medicine Challenges
Tortola, BVI
January 1997
9. Pleuritic Chest Pain
Emergency Medicine Challenges
Tortola, BVI
January 1997
10. Pulmonary Embolism
AMPA/NFNA/NFPA Clinical Care Conference
Atlanta, GA
April, 1997
11. Air Medical Vehicle and Team Composition
AMPA Medical Director's Preconference
AMTC
Cincinnati, Ohio
October, 1997
12. Teamwork Tomorrow
AMPA/NFNA/NFPA Clinical Care Conference
Orlando, Florida
March, 1998
13. "Crew Resource Management" for Medical Teams

Challenges in Emergency Medicine
BEYC, Virgin Gorda, BVI
January 1998

14. Teamwork in the Emergency Department
Challenges in Emergency Medicine
BEYC, Virgin Gorda, BVI
January 1998
15. Abdominal Pain and Risk Management
Challenges in Emergency Medicine
BEYC, Virgin Gorda, BVI
January 1998
16. Team Building
Critical Care Transport Medicine Conference
Port Canaveral, Florida
April 1999
17. Controversies in Air Medical Care
Critical Care Transport Medicine Conference
Port Canaveral, Florida
April 1999
18. Choosing Medical Equipment, Aircraft, and Aviation Vendors
AMPA Core Concepts Preconference
Nashville, TN
October, 1999
19. The Unthinkable Mission: Air Medical Care and Weapons of Mass Effect
AMPA Core Concepts Preconference
Nashville, TN
October, 1999
20. Powerful Power Point Presentations: Using Graphics Software for Medical Education
Critical Care Transport Medicine Conference
Las Vegas, Nevada
April 2000
21. Emergency Medicine Organized
AMPA Preconference, AMTC
Salt Lake City, Utah
October, 2000
22. Medical Director's Risk Management
AMPA Preconference, AMTC
Salt Lake City, Utah
October, 2000

23. Air Medical Program Models
AMPA Preconference, CCTMC
Las Vegas, NV
April 2002
24. RIDI and Critical Care Transport
CCTMC
Las Vegas, NV
April 2002
25. Rhode Island Disaster Initiative: A Public Health Model
International Association of Emergency Managers
Columbus, Ohio
October, 2002
26. Postintubation Management
Airway Management Preconference
2003 Critical Care Transport Medicine Conference
Louisville, KY
March, 2003
27. High Fidelity Simulation for Training and Research
2003 Critical Care Transport Medicine Conference
Louisville, KY
March, 2003
28. The Rhode Island Disaster Initiative
World Conference on Disaster Management
Toronto, Ontario
June, 2003
29. The Future of Critical Care Transport
Invited domain knowledge expert and Chair, Medical Care Committee
Air Medical Leadership Congress
Salt Lake City, Utah
September, 2003
30. Disaster Response
2003 Air Medical Transport Conference,
AMPA Medical Director's Core Curriculum: Part 1
Reno, Nevada
November, 2003
31. High Fidelity Simulation
Critical Care Transport Medicine Conference
AMPA Preconference
San Antonio, TX
April, 2004
32. HAZMAT Recognition and Response
AMPA Medical Director's Preconference

AMTC
Cincinnati, Ohio, October, 2004

33. Disaster Response
AMPA Medical Director's Preconference
AMTC
Austin, TX
October, 2005
34. Best Practices in Disaster Response
AMPA Medical Director's Preconference
AMTC
Phoenix, AZ
September, 2006
35. Simulation and Education
AMPA Medical Director's Preconference
AMTC
San Jose, CA
October, 2009
36. Saving Lives: An Objective Measure
AMPA Medical Director's Preconference
AMTC
Ft. Lauderdale, FL
October, 2010
37. There's an App for That – Software for Helicopter EMS
AMPA Medical Director's Preconference
AMTC
St. Louis, MO
October, 2011
38. Basic First Aid
Restore Haiti
Jacmel, Haiti
March, 2014
39. Current Issues and Controversies in EMS
Emergency Medicine Update, Northwest Seminars
NY, NY
September, 2015
40. Community Paramedicine and Mobile Integrated Healthcare
Emergency Medicine Update, Northwest Seminars

NY, NY
September, 2015

- 41 Qualifications and Role of the Medical Director
 Air Medical Physician Association PreConference
 Air Medical Transport Conference
 Charlotte, NC
 September, 2016

- 42 Basic First Aid
 Restore Haiti
 Anse-a-Pitres, Haiti
 March, 2019

- 43 Disaster Response Every Day: Incorporating ED Readiness
 Northwest Anesthesia Seminars
 Emergency Medicine Update
 Caribbean Conference
 April, 2019

- 44 EMS Communications: How Can We Help You?
 Northwest Anesthesia Seminars
 Emergency Medicine Update
 Caribbean Conference
 April, 2019

- 45 What's Happening in the Field: How Emerging EMS Trends are Changing the ED
 Northwest Anesthesia Seminars
 Emergency Medicine Update
 Caribbean Conference
 April, 2019

- 46 Cutting Edge Stroke Care: A New Era DAWNs
 Northwest Anesthesia Seminars
 Emergency Medicine Update
 Caribbean Conference
 April, 2019

- 47 Lessons Your ED Can Learn from the USCG
 Northwest Anesthesia Seminars
 Emergency Medicine Update
 Caribbean Conference
 April, 2019

- 48 Cardiac Arrest: What's New?
 Northwest Anesthesia Seminars

Emergency Medicine Update
Caribbean Conference
April, 2019

REVIEWER/EDITORIAL ACTIVITIES

2007-Present	Reviewer, Academic Emergency Medicine
2011-Present	Reviewer, Canadian Journal of Emergency Medicine
2015-Present	Reviewer, Emergency Medicine International
2019-Present	Reviewer, Journal of Collegiate Emergency Medical Services
2023-Present	International Journal of Environmental Research and Public Health

GRANTS (Funded and Submitted)

1. Emergency Medicine Foundation 1986
Resident investigator, basic science grant to fund sheep model of tension pneumothorax. Total support \$5000
2. Kurzweil Applied Intelligence, Inc. 1991
Co-investigator in 1-year grant to explore utilization of voice recognition computer systems for patient care and research in an academic emergency department. Total support [equipment, technical assistance, and direct awards] over \$200,000 Renewed for 2 years in 1993.
3. Primus Systems, Inc. 1996 PI
Informatics research support, total \$15,000
4. Emergency Department Information System Implementation, Rhode Island Hospital 2001 (Internal)
Responsible for leading the selection, installation, and implementation of a computerized tracking and medical information system at the Davol Emergency Department. Budget of \$500,000 over 2 years.
5. Rhode Island Disaster Initiative 2000-2006 (Contract)
Principal Investigator and Project Medical Director for this multi-year project to research best practices in EMS Disaster Response. First year funding \$900,000 appropriated by Congress with The Department of Health and Human Services acting as funding agency and in cooperation with Battelle National Laboratories. Second year funding appropriation at \$1,500,000 in cooperation with the Office for Naval Research released September 2002. Third year funding requested at \$2,000,000, listed for \$1,200,000 in the Defense appropriation bill and released in March, 2003. Fourth year funding requested at \$3,500,000, and listed in an amendment to the Defense Appropriations Bill.

Phase 3 of RIDI developed Lifeguard EMS, a critical care transport team based at Rhode Island Hospital used as a role model/mentoring training and dissemination platform. Sustainment efforts include grant and contract funding, with funding from RI EMA, RI DOH, and Providence EMA for various training efforts. Lifeguard EMS became LifePACT after merger with the Hasbro Children's Hospital pediatric transport team, with ongoing support from Rhode Island Hospital and the Providence Emergency Management Agency.
6. TATRC Reserve Component Medical Training 2006 (contract)
Principal Investigator for this \$1.2M research contract. The project debriefs returning military medical

personnel and designs simulation-based training for personnel about to deploy, acting as a current knowledge link as military medical teams rotate into active operations.

7. FirstSTEP and TopSTEP 2005-2006 (contract)
Assisted with planning and coordination with funding through HHS, DHS and RI EMA for EMS providers taking this disaster response training program, developed the curriculum and delivered the training lectures. Total funding approx. \$100,000. The curriculum grew from the RIDI Project. Providence Fire Department was the first EMS agency to obtain training through this program.

8. MMRS/MMST (grant)
Appointed by the Mayor of Providence as Medical Director for the Metropolitan Medical Response System / Metropolitan Medical Strike Team in 2005. Assisted with coordination, program design and development, and medical oversight. Funding over \$2M across several grant years. Notable events include large scale statewide disaster drills, disaster responder conferences, and integration of the Lifeguard EMS system into the MMST role including over \$100,000 of direct funding for equipment and training.

9. Evidence-Based Guideline for Naloxone Administration 2017-2019
Principal Investigator for this \$150,000 project funded by DOT/NHTSA, collaborating with NASEMSO, NAEMSP, and ACEP.
 - 2018 JAN Technical Expert Panel Meeting
 - 2018 JAN Project Update to NAEMSP Leadership
 - 2018 JAN Project Update to Prehospital Guidelines Consortium
 - 2018 OCT Manuscript draft to NHTSA
 - 2018 OCT Draft Protocol to NHTSA
 - 2019 MAR EBG published in PEC, other deliverables submitted to NHTSA
 - 2019 MAR Project complete, on time

10. First Responders Comprehensive Addiction and Recovery Act Cooperative Agreement
Amount & Term:
 - \$800,000 annually for 4 years (09/2018-09/2022)Description of Activities:
 - Make Naloxone available to the law enforcement community for emergency treatment of known or suspected opioid overdose.
 - Provide resources and train first responders to respond to request for suspected overdose call, increase reversals, promote prearrest diversion and mitigate mental health crisis.
 - Establish processes, protocols, and mechanisms for first responders to refer consumers to appropriate treatment and recovery services to reduce recurrence of overdose and divert arrest.
 - Develop tracking systems to follow up with high-risk populations and increase prevention capacityRelationship:
 - Medical Director

PROJECTS (Past and Current)

(List any projects that you have spent time working on in your area of interest, at the societal level, with educational/academic groups, or in the hospital as part of a clinical process improvement)

Please see focus area projects.

COMMUNITY ENGAGEMENT/VOLUNTEER ACTIVITIES

Central Massachusetts Emergency Medical Services Corporation

1987-1997 As Regional Medical Director, Training and Education Committee Chair, and Medical Services Committee member and Chair from 1988-1997, assisted in development of various training programs, annual educational meetings, and EMS curriculums for EMTs and medical control physicians covering approximately 100 ambulance services and 20,000 EMTs. Gave lectures for EMT and related classes. Approved and coordinated remedial training for EMTs with identified knowledge deficits. Met personally with and approved regional credentialing for all Advanced Life Support Providers in Central Massachusetts while Medical Director. Voluntary unpaid position.

Air Medical Physician Association

1994-2010 Course Director and Education Committee Chair / Co-Chair 1994-2000. CME offerings include two annual conferences with attendance of 100-300 physicians and other health professionals drawing an international audience. In 2000, AMPA presented a one-day pre-conference at AirMed 2000 in Norway, and in 2001 in Switzerland. Developed curriculum, sought and secured speakers, prepared and delivered lectures, reviewed evaluations, assisted with conference planning and CME requirements. Reviewed abstracts for Scientific Assembly at annual Clinical Care Transport Medicine Conference. Arranged an AMPA Academic Membership for the Brown University EM residency, which entitles the residents to receive educational materials, news, and discounts at CME conferences. As President-Elect in 1999-2000, continued to act as Course Director, and guided educational activities.

As President in 2000-2002, led the organization and provided guidance regarding conferences, education efforts, publications, and organizational business. Implemented a revision of the Medical Director's Handbook including availability on line. Coordinated development of a curriculum for critical care transport medical directors, published jointly with NAEMSP as a Position Paper. Represented AMPA at other forums related to critical care transport and air medical care. Successfully negotiated contracts for two annual multi-association conferences. Continued activities as Board member (Past President) and Course Director since 2002, Board retreat Facilitator in 2010, and occasional conference speaker.

United States Coast Guard Auxiliary

2014-Present Member, District 1 NR, Division 07, Flotilla 08 Providence, RI

Status: IQ / operational support

Boat Crew Certified, USCG 45 RB-M

Primary activity is operational support for STA Castle Hill, Newport, RI.

2014 USCG Unit Commendation, USCG AUX Flotilla 1NR-07-08

2015 Most Active New Member in Division 1NF, USCG AUX Flotilla 1NR-07-08

2015 Auxiliary Operations Annual Service Performance Award, USCG AUX 1NR

2015 Coast Guard Sustained Auxiliary Service Award, USCG AUX 1NR

2017 USCG Auxiliary Certificate of Accomplishment, 50 or more hours of Operational Support during 2016

2019 USCG Auxiliary 5 year Sustained Service Award

2019 Membership Service Award, 5 years of dedicated service, US Coast Guard Auxiliary 1NR

2019 Certificate of Accomplishment: 50 or more hours of USCG Operational Support During 2018, First Coast Guard District

RI Responds / RI Medical Reserve Corps

2008-Present Member since inception in this volunteer organization providing mass event, immunization, and other public health medical care throughout Rhode Island.

Rhode Island Medical Society [RIMS]

1999-2019 Council, representing RI ACEP
2014-2017 Adjunct Councilor
2017-2019 Councilor at Large

Rhode Island Emergency Management Agency [RI EMA]

2002-2009 Domestic Preparedness Committee
2003-2009 Multiple Casualty Incident Task Force

American Red Cross, Rhode Island Chapter [ARC]

2003-2008 Volunteer Medical Consultant, Disaster Health Services

UNIVERSITY TEACHING ROLES

2006-2019 Fellowship in EMS at Brown

Developed, led, and managed this Fellowship for emergency medicine residency graduate as Program Director. ACGME approved in 2014. Leadership transitioned to Nick Asselin in 2019. 0-2 Fellows annually. Graduates are working as EMS Physicians at various locations.

Bryan Choi	Bayhealth Medical Center, DL
Ryan Carter	Yale, CT
Devin Tsai	Kaiser, CA
Heather Rybasack-Smith	Brown, RI
Erin Ciummo	UMASS, MA
Kelly Meehan-Coussee	MaineGeneral Health, ME
Seth Merker	UPenn, PA
Megan Zapcic-Desrochers	2023
Kathryn Schissler	2023

2013 Evidence-Based EMS GISP

Mentored this group independent study of Brown students exploring evidence-based questions related to EMS. Approximately 10 students participated in weekly sessions with an extensive reading list.

2016-Present Brown Alpert Medical School First Aid and EMS Elective Supervisor

Faculty supervisor for this multi-session elective focused on basic first aid skills, an introduction to the EMS system, and discussion of other EMS topics. First offered 2016 Fall and has been offered annually since, with most students from the pre-clinical years at AMS. Each year between 10 and 20 students attend. The group meets for didactic and practical sessions for 6-8 evenings, including a session at the Lifespan Medical Simulation Center. Other than during COVID years, the group then spends a weekend teaching first aid on Cuttyhunk, an austere island off the New England coast.

2014-Present Brown Advanced Emergency Medicine Academies EMS Fellowship

Program Director for this international observational Fellowship. Number of Fellows participating has ranged

from zero to nine at one time. Activities include weekly didactic sessions, observation on LifePACT missions, ride time with 911 EMS agencies, shadowing during clinical ED shifts and participation in other EMS events and training in the RI region.

2015

Ahmad Mahah
Majid Alrashoud
Mohammad Alotaibi
Bandar Almutairi
Khaled Alsherif

2016

Naif Marzook
Bandar Almufareh
Saleh Alesa
Saad Albaiz

2017

Omar Othman

2019

Abdulrahman Baeshen
Nasser Alrajeh
Hisham Alomari
Hareth Aldosaimani

2020

2021

Abdulaziz AlYami
Hamad AlSugair
Abdulrahman Bin Eid
Nassar Assiri

2022

Ahmad Alghbban
Calvin Kienbacher (Research Fellow)
Ibrahim Aldeghaither
Norah Alrasheed
Nasser Alrajeh
Mohammed Alaseed
Rawan Alatigue
Esam Barnawi
Sami Sebeih

2023

Turki Alharbi
Mohammed Alsubaie
Hamad Albassam
Malek Alenezi
Ohood Alrehaili

Nouf Al-Kaabi
Haya Aljohani
Abrar Sakhakhni
Abrar Assiri
Daher Allarawneh

2024 scheduled
Abdullateef Afnan Allebdi

EMS Focus Track within the Brown Emergency Medicine Residency.
As Division Director, assist with this academic and experiential focus within the 4-year residency curriculum that began in 2022.

2022 Shay Strauss
2022 Brian Drury
2022 Sean Bilodeau

2022 Disparities in EMS Care GISP

Mentor for this group independent study exploring disparities in EMS care, including dispatch, geographic religious and other issues. Three students participated. They developed (with supervision) an extensive curriculum and reading list. The GISP met weekly, and participants also observed in the ED and on LifePACT.

2022-Present Brown Alpert Medical School Clinical EMS Elective Supervisor EM-5670

Faculty supervisor for this clinical elective experience at Brown's Alpert Medical School, focused on EMS education, research, system administration, 911 response, and critical care transport. One or two students may participate monthly. The elective participants attend EMS activities including didactic sessions, administrative meetings, leadership sessions, training and simulation, 911 ambulance ride-along and LifePACT shifts.

2022 OCT	Ryan Hoopes
2022 NOV	Jordan Fox & Abby Raynor
2022 DEC	Gabriella Sansaricq
2023 JAN	Katherine Barry & Matias Page
2023 JAN	Kelsey Hopkins
2023 FEB	John Johnson
2023 AUG	Nikki Moscinski
2023 AUG	Tess Gabert
2023 SEP	Alayna Barela
2023 OCT	Jamie Thorndike and Rebecca Berube
2023 NOV	Cameron Johnson
2024 JAN	Ella van Deventer (scheduled)
2024 FEB	Mark Hocevar (scheduled)

HOSPITAL TEACHING ROLES

1997-Present Clinical Teaching at Rhode Island Hospital and Miriam Hospital

Bedside clinical teaching of medical and allied health students, residents and fellows in emergency medicine and other specialties initially averaging 24 hours weekly at both sites, with assignment and hours changing depending on research and academic activities. Primarily at RIH since

approximately 2005, with clinical hours averaging 16 weekly since approximately 2010.

2004-Present Clinical, formal, and simulation-based training for LifePACT team members.

Includes EMTs, Paramedics, Transport Nurses, Physicians, and observational learners (PA students, nursing students, international Fellows, etc.) Simulation sessions occur monthly, clinical education during shifts several times weekly, and formal lectures on EMS teaching days weekly-monthly.

MENTORING ROLES

Excludes mentees listed above in other roles.

Mentees listed by the year they started – many continue mentorship for multiple years.

List begins based on available records as of 2022

2011	Eric Lee pre-clinical medical student
2012	Jess Gandy premed student
2013	Connor Shin premed student
2013	Jon Staloff premed student
2014	Kwang Choi premed student
2014	Jessica Solis premed student
2015	Andre Anderson premed student
2015	Britney Atwater premed student
2015	Mimi Li premed student
2015	Methema Udawata premed student
2015	Rachel Speakman premed student
2016	Erin Abbott premed student
2017	Rachel Zacks internal medicine resident
2017	Hannah Singer premed student
2018	Ruby Mead premed student
2019	Maia Dinsmore preclinical medical student
2019	Emma Butler premed student
2019	Zandra Ho preclinical medical student
2021	Elise Solazzo premed student
2021	Adam Eberle premed student
2022	Jamie Thorndike pre-clinical medical student / researcher
2022	Aidan Lane premed student