

CURRICULUM VITAE

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BUSINESS ADDRESS

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CURRENT POSITION

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

Senior Medical Officer, RI-1 Disaster Medical Assistance Team
USCG Liaison, RI DMAT/MRC

Medical Director, RI Department of Health, Center for Emergency Medical Services, Division of Preparedness, Response, Infectious Disease & EMS

Councilor at Large, Rhode Island Medical Society

Immediate Past Chair, Medical Director's Council, National Association of State EMS Officials

Member, US Coast Guard Auxiliary, District 1 NR, Division 07, Flotilla 08
Member number 1248895 EEMPLID 1248895 Status: IQ / operational support
Boat Crew Certified & Qualified, USCG 45 RB-M

Assistant Clinical Professor, Rochester Institute of Technology

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 MEDICAL 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
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
 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

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)
	2015-present	Advanced Cardiac Life Support – Experienced Provider Instructor
	1986-present	Advanced Cardiac Life Support [ACLS] Instructor
	1988-1998,	
	2004-present	Advanced Trauma Life Support [ATLS] Instructor
	1984-1998,	
	2003-present	Advanced Trauma Life Support [ATLS] Provider
	1997-2000	Advanced Pediatric Life Support [APLS] 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-Present Assistant Clinical Professor

CLINICAL APPOINTMENTS

1987-2000 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
2007-present Medical Director, Ambulance Services, Rhode Island Hospital

OTHER APPOINTMENTS

International Organizations

Air Medical Physician Association [AMPA]

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

Contracted through UEMF 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

National Organizations

National Association of EMS Physicians [NAEMSP]

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

1988-1995	Air Medical Committee
1998-2008	Air Medical Committee
2000-2008	Liaison, Air Medical Physician Association
2013-Present	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

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, and others.

1998-Present	Physician representative, Rhode Island
1999-Present	Liaison, Air Medical Physician Association
2016-Present	Member, Board of Directors
2016-Present	Member, Expert Panel on Enhancing the Ability for EMS to transport patients with Highly Infectious Diseases.
2017-Present	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
	Lead Quarterly Conference Calls
	Lead two annual meetings
	2018 Introduced Code of Ethics for EMS Medical Directors Project
	2019 Completed Naloxone EBG Project
2019-Present	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
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National Registry of EMTs [NREMT]

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

EMT Item Writing Committee Sessions

2014 June

2017 April

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 Organizations

Brown Emergency Medicine (Formerly University Emergency Medicine Foundation [UEMF])

The non-profit physician group providing staff for the Rhode Island Hospital, Hasbro Children's Hospital, and Miriam Hospital (the primary teaching hospitals affiliated with Brown). Brown Emergency Medicine (name changed in 2018 from UEMF with the formation of Brown Physicians, Inc.) is the business entity of Brown's Department of Emergency Medicine.

1997-present Staff Attending Physician

2010-present Director, Division of Emergency Medical Services

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

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

New England Life Flight dba Boston Med Flight

2017- Present Member, Quality and Safety Committee

State Organizations

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

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

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-Present	Representative to the Rhode Island Medical Society Council
2000-2001	President
2001-2003	Past President
2012-Present	Political Action Committee
2012-Present	Legislative Affairs Committee

Rhode Island Department of Health, Center for EMS [RI DOH CEMS]

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

1997-2015	Physician Medical Consultant (EMS Medical Director)
1997-2000	Chair, Air Ambulance Committee
1998-Present	Rules and Regulations Committee
1998-2012, 2016-Present	Ambulance Service Advisory Board (gubernatorial appointment)
1998-Present	Medical Affairs Committee
2000-Present	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

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

A team of medical professionals organized under the Federal Emergency Management Agency [FEMA] to provide emergency care in time of disaster. The group trains in part by providing coverage at local mass events such as the Tall Ships Festival, Newport Jazz Festival, the Quonset Air Show, and the Gravity Games. The 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).

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

Rhode Island Medical Reserve Corps [RI MRC]

2008-Present Senior Medical Officer

United States Coast Guard, Group Woods Hole, [USCG]

1999-2007 Passenger Vessel Risk Management Working Group / Marine Incident Group, Representing RI Dept. of Health

Rhode Island Medical Society [RIMS]

1999-Present Council, representing RI ACEP
2014-2017 Adjunct Councilor
2017-Present 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

Local Organizations

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

2004-2019 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

Hospital Committees & 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 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

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

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 [NASEMDS, now NASEMSO]
 2006-Present NASEMSO Medical Director's Council
 2014-2016 Chair-Elect, NASEMSO Medical Director's Council
 2016-Present Chair, NASEMEO Medical Director's Council
 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

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 Rl*. 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. *R I 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? *R I 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. *R I Med J* 2019 May 1;102(4):23-29.

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/retrieveSubmissionDetailByld.do?subld=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, Suozzi 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 Ciottono'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.

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. Saving Lives. Application of the RILSS to LifePACT Critical Care Transport
IRB approved, data collecting.

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 Materiel 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>.

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.

Audio

1. Interviewed for NPR feature on ambulance diversion and emergency department overcrowding, WRNI, public radio, Providence, RI, May, 2001.
2. Interviewed for NPR RadioLab feature on EMS and the opioid crisis, Peter Smith, 2018 MAR 28, 2018 SEPT
3. Interviewed for NPR News feature on E911 telephone CPR, Lynn Ardit, RIPR, 2018 MAR 29
4. Reviewed and provided feedback on NPR RadioLab feature on EMS and the opioid crisis, 2019 MAY 18

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. Interviewed for feature on homeland security funding, Providence Journal, August, 2003
13. Interviewed on a NEJM article related to mortality during marathons by Kaiser Health, April 2017.

14. Interviewed regarding use of nitrous oxide by EMS for ACEP News article, 2017 SEPT.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

Audio

1. Tape distributed of lecture "The Medical Record of the Year 2000." delivered at the New England Healthcare Assembly, April, 1992.
2. Audio Digest tape of lecture delivered in New Hampshire on Receiving the HAZMAT Patient distributed, Fall 2005

Print

1. Williams KA. Vulnerability assessment. Deliverable for Rhode Island Disaster Initiative project phase I. 2003
2. Williams KA. Annotated bibliography of references and resources. Deliverable for Rhode Island Disaster Initiative project phase I. 2003

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
CMEMS 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
93. Life Flight, History and Future
UMMC Foundation
Univ. of Mass.
June, 1994
94. Headache
EM Resident Lecture
Univ. of Mass.
October, 1994
95. Air Medical Care
Western Mass EMS Convention
Springfield, MA

October, 1994

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

Springfield, MA
August, 1995

106. Personal Stress Management
Life Flight Seminar
Turner's Falls, MA
August, 1995
107. Personal Stress Management
Life Flight Seminar
Univ. of Mass.
September 1995
108. "Crew Resource Management" for Medical Crew
UMMC EM Grand Rounds
Univ. of Mass.
February, 1996
109. ED Occupational Risks
MACEP Management Roundtable
Marlborough, MA
September, 1996
110. Musculoskeletal Trauma
CMEMS EMT Course
Holden, MA
October, 1996
111. Trauma Treatment
Nashoba Valley EMT Course
Ayer, MA
October, 1996
112. Emergency Medicine Careers
Science Day, Shrewsbury Middle School
Shrewsbury, MA
November, 1996
113. Comparative EMS Systems, Massachusetts and NSW Australia
UMMC EM Grand Rounds,
Univ. of Mass.
November, 1996
with Ross Findlay, Station Officer, NSW Ambulance
114. Evaluating Clinical Performance
MACEP Management Roundtable
Framingham, MA
November 1996

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

May, 1998

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

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

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

Providence, RI
June 2008

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

Regional EMS Seminar
Keene, NH
March, 2010

- 164. EMS and the Burn Patient
New England Burn Symposium
Providence, RI
November, 2010
- 165. Airway Management
ATLS Course
Providence, RI
July, 2011
- 166. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
July, 2011
- 167. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
August, 2011
- 168. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2011
- 169. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2011
- 170. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2011
- 171. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2011

- 172. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
January, 2012
- 173. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
February, 2012
- 174. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
March, 2012
- 175. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
April, 2012
- 176. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2012
- 177. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
June, 2012
- 178. EMS Base Station
Brown EM Resident Course
Providence, RI
July, 2012
- 179. Abdominal Trauma
ATLS Course
Providence, RI
July, 2012
- 180. Critical Care Transport Simulation-Based Training
LifePACT Team

- Lifespan Medical Simulation Center
Providence, RI
July, 2012
181. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
August, 2012
182. HEMS, Disaster Response
Wilderness Medicine Elective
Brown Medical School
Providence, RI
September, 2012
183. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2012
184. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2012
185. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2012
186. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2012
187. Critical Care Transport,
188. Administrative Organization of EMS Systems (2 lecture topics)
Southern Maine Medical Center EMS Conference
Biddeford, ME
January, 2013
189. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center

Providence, RI
January, 2013

190. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
February, 2013
191. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
March, 2013
192. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
April, 2013
193. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2013
194. Motivating Medical Research
NEOMEN Annual Conference
University of New England
Biddeford, ME
May, 2013
195. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
June, 2013
196. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2013
197. Major Incident and Disaster Response
Kent Hospital Emergency Medicine Residency Grand Rounds
Warwick, RI
September, 2013

198. Wilderness Medicine, Helicopter Use, and Disaster Management
Wilderness Medicine Elective
Alpert Medical School of Brown University
Providence, RI
October, 2013
199. Trauma Systems as Tertiary Injury Prevention
Injury Prevention Master's Course
Brown School of Public Health
Providence, RI
November, 2013
200. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
January, 2014
201. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
February, 2014
202. Head and Neck Injuries
Community College of RI
EMT Basic Course
Warwick, RI
March, 2014
203. Prehospital Medical Emergencies
Brown EMS Refresher
Brown University
Providence, RI
March, 2014
204. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
March, 2014
205. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
April, 2014

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

January, 2015

- 215. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
January, 2015
- 216. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
February, 2015
- 217. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
March, 2015
- 218. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
April, 2015
- 219. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2015
- 220. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
June, 2015
- 221. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2015
- 222. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2015

223. ACLS Experienced Provider
Lifespan Medical Simulation Center
Providence, RI
October, 2015
224. Controversies in EMS
South Kingstown EMS Paramedic Refresher
South Kingstown, RI
October, 2015
225. Community Paramedicine / Mobile Integrated Healthcare
Vermont EMS Conference
Jay Peak, VT
October, 2015
226. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2015
227. New England Council for EMS / UEMF EMS Leadership Conference
Conference Leadership
Newport, RI
November, 2015
228. First Aid, CPR, and Bloodborne Pathogens
USCG STA Castle Hill
Newport, RI
December, 2015
229. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2015
230. CPR and First Aid Qualification
USCG STA Castle Hill
Newport, RI
April, 2016
231. Marine EMS / Wilderness Medicine
Brown Medical School Senior Elective
USCG STA Castle Hill
Newport, RI
April, 2016

232. CPR and First Aid Training
USCG STA Castle Hill
Auxiliary Training Day
Newport, RI
April, 2016
233. Evidence-Based EMS
Central Vermont EMS Conference
Central Vermont Medical Center
Bare, VT
June, 2016
234. The Latest in Stroke Treatment
Central Vermont EMS Conference
Central Vermont Medical Center
Bare, VT
June, 2016
235. First Aid and CPR Training
USCG AUX Sector Training S-TRAIN
Sector Southeastern New England
Mass Maritime Academy
Bourne, MA
October, 2016
236. Evidence-Based EMS
2016 Vermont Healthcare and Emergency Medical Services Preparedness Conference
Mt. Snow Conference Center
West Dover, VT
October, 2016
237. The Latest in EMS Stroke Care
2016 Vermont Healthcare and Emergency Medical Services Preparedness Conference
Mt. Snow Conference Center
West Dover, VT
October, 2016
238. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2016
239. New Drugs in the Field
St. Vincent Hospital 2016 Emergency Services Symposium
Worcester, MA
November, 2016
240. New England Council for EMS / UEMF EMS Leadership Conference

Conference Director
Newport, RI
November, 2016

- 241. 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

- 242. Critical Care Transport Simulation-Based Training
 - LifePACT Team
 - Lifespan Medical Simulation Center
 - Providence, RI
 - April, 2017

- 243. Critical Care Transport Simulation-Based Training
 - LifePACT Team
 - Lifespan Medical Simulation Center
 - Providence, RI
 - May, 2017

- 244. LifePACT Critical Care Transport Course
 - Evidence-Based Medicine: Evaluating the Evidence
 - Providence, RI
 - May, 2017

- 245. 5 Things EMS Can Learn from the USCG
 - EMS Week Appreciation Conference
 - Cheshire Medical Center
 - Dartmouth-Hitchcock Keene
 - Keene, NH
 - May, 2017

- 246. First Aid and CPR
 - USCG STA Castle Hill
 - Newport, RI
 - June, 2017

- 247. Critical Care Transport Simulation-Based Training
 - LifePACT Team
 - Lifespan Medical Simulation Center
 - Providence, RI
 - June, 2017

- 248. LifePACT Critical Care Transport Course

US Air National Guard Helicopter Simulation-Based Training
Quonset Air National Guard Base
Quonset Point, RI
June, 2017

249. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
July, 2017
250. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
September, 2017
251. Status of Stroke Care in Rhode Island
NorthEast Cerebrovascular Consortium
Newport, RI
October, 2017
252. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2017
253. Alpert Medical School EMS Elective
First and Second year student EMS Elective
Providence, RI
6 sessions,
October and November, 2017
254. Evidence-Based EMS: Do EMTs kill bystanders at marathons?
2017 Vermont Healthcare and Emergency Medical Services Preparedness Conference
Burlington, VT
November, 2017
255. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
November, 2017
256. First Aid and CPR Training
USCG STA Castle Hill
Newport, RI
December, 2017

257. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2017
258. Airway Management
SKEMS Paramedics
Lifespan Medical Simulation Center
Providence, RI
March, 2018
259. ACLS
Warren Alpert Medical School of Brown University
Remote Lifespan Medical Simulation Center
Providence, RI
April, 2018
260. First Aid and CPR Training
USCG STA Castle Hill
Newport, RI
May, 2018
261. EMS
Johnson & Wales Physician Assistant Program
Providence, RI
May, 2018
262. First Aid and CPR
Cuttyhunk Volunteer Fire and Rescue
Alpert Medical School EMS Elective
Gosnold, MA
May 2018
263. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
May, 2018
264. Introduction to EMS
Brown Emergency Medicine PGY-1 Residents
Providence, RI
July, 2018
265. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center

Providence, RI
August, 2018

- 266. MedWars Wilderness Scenario
Brown Emergency Medicine Residents
Lincoln, RI
August, 2018
- 267. Alpert Medical School EMS Elective
First and Second year student EMS Elective
Providence, RI
6 sessions
October and November 2018
- 268. EMS
Bryant University Physician Assistant Program
Providence, RI
October, 2018
- 269. First Aid and CPR
USCG STA Castle Hill
Newport, RI
October, 2018
- 270. Naloxone Evidence-Based Guideline Update
NASEMSO East Region Annual Meeting
Atlantic City, NJ
October, 2018
- 271. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
October, 2018
- 272. Status of Stroke Care in Rhode Island
NorthEast Cerebrovascular Consortium
Newport, RI
October, 2018
- 273. BLS and AED Use
BLS and ACLS Course
Rhode Island Hospital Medical Simulation Center
Providence, RI
October, 2018
- 274. Emergency Preparedness
RI ACEP Annual Meeting
Warwick, RI

November, 2018

- 275. Naloxone Evidence-Based Guideline Development
New England Council for EMS Leadership Conference
Course Director
Newport, RI
November, 2018
- 276. Simulation-Based EMS Training
Brown EMS Division
Lifespan Medical Simulation Center
Providence, RI
November, 2018
- 277. How to have a Long and Happy Career
Brown Emergency Medicine Fellowship Research and Career Seminar
Providence, RI
December, 2018
- 278. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
December, 2018
- 279. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI
January, 2019
- 280. Aortic Vascular Emergencies
LifePACT Training
Lifespan Medical Simulation Center
Providence, RI
2019 JAN
- 281. Lifespan Cardiovascular Institute EMS Symposium
Panelist
Warwick, RI
2019, FEB
- 282. Critical Care Transport Simulation-Based Training
LifePACT Team
Lifespan Medical Simulation Center
Providence, RI

2019 MAR

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

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
NAEMSO 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

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

GRANTS

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 is 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 2017-2018
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

UNIVERSITY ROLES

1987-1997 Massachusetts College of Emergency Physicians

Course Director, Educational Program Coordinator, 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

1997-1999 Brown Emergency Medicine Residency EMS Lecture Section Leader

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.

1997-Present Brown Emergency Medicine Residency EMS Curriculum Co-Leader

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.

1997-Present Brown University Emergency Medicine Residency Advisor

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.

1997-Present Brown Emergency Medicine Residency Orientation Program Lecturer

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.

1997-2000 Brown Emergency Medicine Residency Board Review Conference

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

1997-Present Brown Emergency Medicine Residency Base Station Course

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.

1997-Present Brown Emergency Medicine Residency Administrative Elective

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

1997-Present ACLS Coordinator

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

1998-2012, 2016-Present Ambulance Service Coordinating Advisory Board, State of Rhode Island Department of Health

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.

1999-Present 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.

1999-Present Brown Alpert Medical School Scholarly Concentration Mentor

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

1999-Present Brown Alpert Medical School Elective Supervisor

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.

2000-Present Brown Alpert Medical Student Emergency Medicine Interest Group

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

2004-Present Lifeguard EMS / LifePACT Critical Care Transport

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. The name was changed to LifePACT in 2009.

2004-Present Medical Director, City of Providence Emergency Management Agency and Office of Homeland Security, Greater Providence Metropolitan Medical Response System

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.

2006-2019 Fellowship in EMS at Brown & Academy in EMS at Brown

Organized 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. 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 Fellowship qualifications. The ACGME Fellowship was awarded ACGME approval in February, 2014

2010-Present Brown Alpert Medical School Longitudinal Supervisor

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

2010-Present Brown School of Public Health Thesis Reader

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

2010-Present Brown Alpert Medical School Doctoring Mentor

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

2010-2014 Brown Alpert Medical School Community Health Clerkship

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.

2013-Present Brown University Wilderness Elective and Student Interest Group

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

2014-Present Telemedicine and Special Projects Group

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.

2015-Present Physician Assistant Student Clinical Rotation Supervisor

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

2015-Present New England Council for EMS / University Emergency Medicine Foundation EMS Leadership Conference

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.

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

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.

2017-Present Boston Med Flight Quality and Safety Committee

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.

HOSPITAL ROLES

1987-1997 UMASS Life Flight

As Medical Director and in related roles between 1987 and 1998, developed curriculum for emergency medicine resident and fellow EMS experience including flight physician training for an annual class of 12 emergency medicine residents, developed curriculum and led recurring competency education for nurse and physician flight team members, coordinated development of Life Flight and EMS educational programs including rounds, conferences, and invited lectures for EMTs and emergency services personnel in Massachusetts. Assisted with development of Life Flight safety orientation videotape production. Founded the New England Air medical Alliance, a cooperative body linking New England helicopter medical programs that sponsors an annual educational conference with attendance of approximately 100.

1987-1997 Central Massachusetts Emergency Medical Services Corporation

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 Advance Life Support Providers in Central Massachusetts while Medical Director.

1994-Present Air Medical Physician Association

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.

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 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.

1997-Present Rhode Island Department of Health Center for EMS Consulting Medical Director

Since 1997, provide the Department with physician consultation on issues of EMT training, quality improvement, course curriculum, protocol development and clinical needs assessment, among other duties. Includes responsibility for approximately 100 ambulance services and 5,000 EMTs statewide. Serve on a number of committees and subcommittees, review approximately 100 annual complaints, and represent the Department on a number of state and federal committees. The Division of EMS was reorganized into the Center for EMS in 2015.

1997-Present Rhode Island Chapter, American College of Emergency Physicians

As Vice President during 1999-2000, responsible for arranging CME programs held regularly throughout the year. Participated in planning of the organization's annual educational conference. Continued to guide educational efforts as President in 2000, with additional duties including organizational business and coordinating Board of Directors meetings. Represented ACEP to the Rhode Island Medical Society Council, and continue in this role as Past President.

1999-Present Rescue Rounds

With Dr. Francis Sullivan, revised and revitalized an educational program for EMTs and emergency medical residents in 1999. Assist with planning, curriculum development, and presentation at monthly sessions that average over 60 attendees.

2004-Present Lifeguard EMS / LifePACT Critical Care Transport

Created this critical care transport team in 2004 (name change to Life Pediatric/Adult Critical Care Transport in 2009) as a training platform function of the RIDI Project in Phase 3 and serve as Medical Director and Director of Ambulance Services for Rhode Island Hospital. The team serves to improve care of patients during critical care transport while training first responder observers in disaster and WMD response. This team merged with the Hasbro Children's Hospital pediatric transport team in 2009. LifePACT is Rhode Island's only critical care transport program, and serves over 1500 patients annually while also providing training for EMS and emergency medicine professionals and support at major incidents and drills. The team operates two critical care ground ambulances, staffed with Paramedics, Nurses, and Physicians.