

Nicholas Peter Marsden Asselin, DO, MS, FACEP, FAEMS

CURRICULUM VITAE

Department of Emergency Medicine
Division of Emergency Medical Services
Alpert Medical School of Brown University
Brown Emergency Medicine
LifePACT Critical Care Transport
593 Eddy Street
MOC Suite 555
Providence, RI 02903
401.444.2470 (office)
508.269.9376 (mobile)
Nicholas_Asselin@Brown.edu

EDUCATION

Undergraduate

Connecticut College
BA Biology and Environmental Studies.
1996-2000
Honors Thesis: Impacts of *Phragmites australis* invasion and control on brackish tidal wetlands.

Cape Cod Community College
Post Baccalaureate Coursework
2003

Harvard Extension
Post Baccalaureate Coursework
2004

Medical School

University of New England College of
Osteopathic Medicine
DO
2007-2011
Society of Academic Emergency Medicine
Excellence in Emergency Medicine Award

Graduate School

University of New England College of
Osteopathic Medicine
MS, Medical Education Leadership
2015-2017

POSTGRADUATE TRAINING

Residency	Brown University/Rhode Island Hospital Emergency Medicine Residency 593 Eddy Street, Providence RI 2011-2015
Chief Resident	Brown University/Rhode Island Hospital Emergency Medicine Residency 593 Eddy Street, Providence RI 2014-2015
Fellowship	Emergency Medical Services University of Massachusetts Medical School 55 Lake Ave North, Worcester, MA 2015-2016

POSTGRADUATE HONORS AND AWARDS

Francis Sullivan Unsung Hero Award	Brown Emergency Medicine (2021)
Promising Early Career Award	RI Chapter, American College of Emergency Physicians (2019)
Outstanding Faculty Didactic Award	Brown Emergency Medicine (2018)
Dorothy Miller Clinical Excellence Award	Brown Emergency Medicine Residency (2015)
Daniel L. Savitt Resident Teaching Award	Brown Emergency Medicine Residency (2015)
Project CLEAR! Award	Brown Emergency Medicine Residency (2015)
Employee of the Month	Arthur F. Anderson Emergency Center (2014)
Most Complimented Provider Award	Arthur F. Anderson Emergency Center (2013)
Brite Lite Nominee	Hasbro Children's Hospital (2012)

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

American Board of Emergency Medicine:

Board Certified: 2016-2026

Qualifying exam: Passed 12/2015

Oral Board: Passed 10/2016

American Board of Emergency Medicine:

Emergency Medical Services

Board Certified: 2017-2027

Qualifying exam: Passed 9/2017

State of Rhode Island and Providence Plantations:

Full Medical License (#DO00800)

(2015–Present)

Limited Medical License (#LP02279)

(2011–2015)

Commonwealth of Massachusetts:

Full Medical License (#262330)

(2015–Present)

ACADEMIC APPOINTMENTS

Assistant Professor, Clinician Educator Track

Warren Alpert Medical School
Department of Emergency Medicine
(2016-Present)

Instructor

University of Massachusetts Medical
School, Department of Emergency
Medicine
(2015-2016)

Clinical Instructor

Warren Alpert Medical School
Department of Emergency Medicine
(2014-2015)

HOSPITAL APPOINTMENTS:

Attending Physician

Rhode Island Hospital
(2015–Present)

Attending Physician

The Miriam Hospital
(2015–Present)

Attending Physician

Newport Hospital
(2016–Present)

Attending Physician

Hasbro Children’s Hospital
(2016–Present)

Attending Physician UMass Memorial Medical Center
(2015–2016)

Attending Physician UMass Memorial Marlborough
Hospital
(2015–2016)

DEPARTMENTAL LEADERSHIP APPOINTMENTS

Resident EMS Rotation Director (2017-Present)
EMS Fellowship Program Director (2018-Present)
Lead Operations Physician, Lifespan EpiCenter (2019-2021)
Medical Director, Lifespan EpiCenter (2021-Present)
Medical Director, Lifespan Community Paramedicine (2023-Present)

AREA OF FOCUS LEADERSHIP APPOINTMENTS

Science Department Faculty, Tabor Academy (2000-2004)

EMT, Marion (MA) Emergency Medical Services (2001-2004)

Firefighter/EMT, Marion (MA) Fire Department (2001-2004)

EMT, Field Training Officer (2004-2012)
Armstrong Ambulance Service, Arlington, MA

EMS Physician, LifePACT Critical Care Transport (2012-Present)

EMS Physician, RI Medical Reserve Corps (2012-Present)

Assistant EMS Medical Director, Holden (MA) FD (2015-2016)

Assistant EMS Medical Director, Patriot Ambulance
Chelmsford, MA (2015-2016)

EMS Physician, Worcester (MA) EMS (2015-2016)

EMS Medical Director, Brewster Ambulance Service (RI) (2017-2020)

EMS Medical Director, Western Coventry FD (2017-Present)

Contributor, 2018-2019 EMS In-Training Exam (2017)

Contributor, 2019 University at Buffalo EMS QBank (2017)

EMS Medical Director, Oakland-Mapleville FD (2017)

EMS Medical Director, Brown University EMS September 2018-Present	(2018-Present)
Assistant Medical Director – RIH Site CMTI/Tufts Medical Center Consortium for Paramedic Education	(2018-Present)
EMS Medical Director, Harmony FD	(2018-Present)
EMS Medical Director, Pascoag FD	(2019-Present)
EMS Medical Director, Chepachet FD	(2019-Present)
EMS Medical Director, West Glocester FD	(2019-Present)
Assistant Medical Director RIH Site Cape Cod Community College Paramedic Program	(2021-Present)
EMS Medical Director, Smithfield FD	(2021–Present)
Medical Officer Rhode Island Disaster Medical Assistance Team 1 United States Department of Health and Human Services National Disaster Medical System	(2022–Present)
EMS Medical Director, Hope Valley Ambulance	(2023-Present)
EMS Medical Director, Lifespan Community Paramedicine	

OTHER APPOINTMENTS

Vice Chair, Education Subcouncil American Red Cross Scientific Advisory Council Washington, DC	(2018-Present)
RIDOH Expert Panel on Pediatric Cardiac Arrest	(2019-Present)

HOSPITAL COMMITTEES

Cardiac Arrest Committee	Rhode Island Hospital Member (2016-Present)
Emergency Preparedness Committee	Rhode Island Hospital Member (2013-2015)

UNIVERSITY COMMITTEES

Program Evaluation Committee	Warren Alpert Medical School Emergency Medicine Residency Member (2012-Present)
Community Service Committee	Warren Alpert Medical School Emergency Medicine Residency Member (2013-2015)
Resident Leadership in Medical Education Committee	Warren Alpert Medical School Emergency Medicine Residency Member (2013-2015)
Fellowship Program Evaluation Committee	Warren Alpert Medical School EMS Fellowship Member (2016-Present)
Fellowship Clinical Competency Committee	Warren Alpert Medical School EMS Fellowship Chair (2016-Present)
<u>MEMBERSHIP IN SOCIETIES</u>	
American College of Emergency Physicians	(2008-Present)
RI Chapter, Emergency Medical Services	(2016-Present)
RI Medical Society	(2016-Present)
National Association of EMS Physicians	(2015-Present)
Education Committee	(2016-Present)
Council of Fellowship Directors	(2018-Present)
Fellow and Fellowship Graduate Committee	(2016-Present)
Board of Directors, RI Chapter	(2023-Present)

PUBLICATION LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Maughan BC, **Asselin N**, Carey JL, Sucov A, Valente JH. False-negative chest radiographs in emergency department diagnosis of pneumonia. *RI Med J* (2013). 2014;97(8):20-3. **PMID: 25083953**
2. **Asselin N**, Proano L, Williams K, Partridge R. Circus disaster: Case report, response, and review of injuries. *Am J Disaster Med*. 2016;11(2):137-41. **PMID: 28102535**
3. Choi B, **Asselin N**, Pettit CC, Dannecker M, Machan JT, Merck DL, et al. 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. *Simul Healthc*. 2016;11(6):365-75. **PMID: 27509064**
4. **Asselin N**, Choi B, Pettit CC, Dannecker M, Machan JT, Merck DL, et al. Comparative Analysis of Emergency Medical Service Provider Workload during Simulated Out-of-Hospital Cardiac Arrest Resuscitation Using Standard versus Experimental Protocols and Equipment. *Simul Healthc*. 2018 Dec;13(6):376-386. **PMID: 30407958**
5. Martin T, Dorroh J, Ranney M, **Asselin N**, Sarkar I.N. Health Information Exchange in Emergency Medical Services. *Appl Clin Inform*. 2018 Oct;9(4):884-891. **PMID: 30541153**
6. **Asselin N**, Williams, K. Out-of-Hospital Cardiac Arrest (OHCA) in Rhode Island: Can We Do Better? *RI Med J* (2013). 2019 May 1;102(4):15-16. **PMID 31042337**
7. Kobayashi L, **Asselin N**, Choi B, Dannecker M, Williams K. Comparison of EMS Provider In-Transit Performance and Exertion with Standard and Experimental Resuscitation Protocols during Simulated Out-of-Hospital Cardiac Arrest. *RI Med J* (2013). 2019 May 1;102(4):23-29. **PMID: 31042340**
8. Thorndike J, Chuck C, Baird J, **Asselin N**. Pilot Study of the Effect of a Protocol of 30 Minutes of Scene Care in Out-of-Hospital Cardiac Arrest in Rhode Island. *RI Med J* (2013). 2019 May 1;102(4):30-33. **PMID: 31042341**
9. Lauro J, Katz E, Lindquist D, **Asselin N**. Case Report: Intact Survival Following Prolonged Out-of-Hospital Cardiac Arrest Care. *RI Med J* (2013). 2019 May 1;102(4):34-35. **PMID: 31042342**
10. Sutcliffe T, **Asselin N**, Brown L. Pediatric Out-of-Hospital Cardiac Arrest in Rhode Island: Concepts and Controversies. *RI Med J* (2013). 2019 May 1;102(4):36-39. **PMID: 31042343**

11. Pellegrino J, **Asselin N**. Theoretical Organization of Motivations to Attend First Aid Education: Scoping Review. *International Journal of First Aid Education*. 2020, April. 3(1) 18-29.
12. Zimmerman B, Chason H, Schick A, **Asselin N**, Lindquist D, Musisca N. Assessment of the Thyromental Height Test as an Effective Airway Evaluation Tool. *Annals of Emergency Medicine*. 2021, March. 77(3): 305-314. **PMID: 33618808**
13. Kozhimala M, **Asselin N**, Zonfrillo M. A Cross-sectional Survey Study on the Use of Tranexamic Acid in the Pre-hospital Setting. *RI Med J* (2013). 2021 March 1;104(2):71-75. **PMID: 33648325**
14. Pellegrino J L, Vance J, **Asselin N** (May 16, 2021) The Value of Songs for Teaching and Learning Cardiopulmonary Resuscitation (CPR) Competencies: A Systematic Review. *Cureus* 13(5): e15053. doi:10.7759/cureus.15053 **PMID: 34141503**
15. Moretti K, Gallo Marin B, Soliman LB, **Asselin N**, Aluisio A. Increased temperatures are associated with increased Emergency Medical Services utilization in Rhode Island. *RI Med J* (2013). 2021 Nov 1;104(9):24-28. **PMID: 34705903**

BOOKS AND BOOK CHAPTERS

OTHER NON-PEER-REVIEWED PUBLICATIONS

1. Interviewed by *NPR/Propublica*: “One Cardiac Arrest. Four 911 Callers. And a Tragic Outcome.” <https://www.propublica.org/article/one-cardiac-arrest-four-911-callers-and-a-tragic-outcome> June 4, 2019.
2. Interviewed by *NPR/Propublica*: “EMS Crews Brought Patients to the Hospital With Misplaced Breathing Tubes. None of Them Survived.” <https://www.propublica.org/article/ems-crews-brought-patients-to-the-hospital-with-misplaced-breathing-tubes-none-of-them-survived> December 3, 2019

COOPERATE AUTHORSHIP OR MULTICENTER TRIALS

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

1. **Asselin N**. Practicing Medicine by Ear. In: *Littoral Medicine*. Baruch J, Himelfarb D and Rosenberg NK ed. Providence, RI; December 2015 <http://blogs.brown.edu/littoral/?s=medicine+by+ear>
2. Thorndike J, **Asselin N**. “High Quality CPR” and You! In: Brown Emergency Medicine Blog. Providence, RI; May 2017 <http://brownemblog.com/blog-1/2018/4/11/high-quality-cpr-and-you?rq=cardiac%20arrest>

3. Goldman, S, Asselin N. “Give ‘Em the Old One-Two: Boxer’s Fracture” In: Brown Emergency Medicine Blog. Providence, RI; August 2019.
<http://brownemblog.com/blog-1/2019/7/29/boxers-fracture?rq=boxers>

PUBLICATIONS SUMMITTED/UNDER REVIEW

1. Lee JA, Wachira B, Kennedy J, **Asselin N**, Mould-Millman NK. Utilization of WhatsApp Messenger in Emergency Medical Services in Garissa, Kenya. *Submitted – African Journal of Emergency Medicine*

ABSTRACTS (ORAL/POSTER)

1. Maughan B, **Asselin N**, Carey J, Sucov A, Reinert S and J Valente. Emergency department diagnosis of pneumonia: how often is the chest x-ray not helpful? New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Providence, RI, April 2013 (*Poster Presentation*).
2. Pettit C, **Asselin N**, Choi B, Jay G, and L Kobayashi. Application of Forearm Remote Heart Rate Monitoring and Semi-Automated Signals Analysis for In-Simulation Subject Workload Assessment. International Meeting on Simulation in Healthcare (IMSH). San Francisco, CA, January 2014 (*Poster Presentation*).
3. **Asselin N**, Choi B, Pettit C, Dannecker M, Jones M, Merck L, Suner S, Williams K, Jay G and L Kobayashi. Interim Results of Pre-hospital Provider Workload Assessment During Simulation Testing of Experimental, Device-assisted Cardiac Arrest Resuscitation. Lifespan Research Celebration Day. Providence, RI, October 2014 (*Poster Presentation - Honorable Mention, Best Clinical Poster*).
4. **Asselin N**, Choi B, Pettit C, Dannecker M, Jones M, Merck L, Suner S, Williams K, Jay G and L Kobayashi. Interim Results of Pre-hospital Provider Workload Assessment During Simulation Testing of Experimental, Device-assisted Cardiac Arrest Resuscitation. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Newton, MA. April 2015 (*Lightning Oral Presentation*).
5. Martin T, Isik O, Luchette K, Rybassack-Smith H, **Asselin N**. Optimizing Collegiate EMS Resources During Major Events. National Collegiate Emergency Medical Services Foundation Annual Meeting, Philadelphia, PA. February 2018 (*Poster Presentation*).
6. Dorroh J and **Asselin N**. How Did You Get Here? Interim Analysis of the Mode of Arrival of Pediatric Asthma Patients to a Busy Urban Children’s Hospital Emergency Department. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2018 (*Lightning Oral Presentation*).
7. **Asselin N**, Rybasack-Smith H, Sullivan F, Williams K. Implementation of a Blended Synchronous/Asynchronous Curriculum in Emergency Medical Services (EMS) for Senior Emergency Medicine (EM) Residents. American Medical Association Accelerating Change in Medical Education Spring Consortium Meeting, Providence, RI. April 2018 (*Poster Presentation*)

8. Dorroh J and **Asselin N**. How Did You Get Here? Interim Analysis of the Mode of Arrival of Pediatric Asthma Patients to a Busy Urban Children's Hospital Emergency Department. Society for Academic Emergency Medicine Annual Meeting, Indianapolis, IN. May 2018 (*e-Poster Presentation*)
9. Thorndike J, Chuck C, Baird J, **Asselin N**. Effects of an isolated 30-Minute CPR Protocol on Out-of-Hospital Cardiac Arrest (OHCA). National Association of EMS Physicians Annual Meeting, Austin TX. January 2019 (*Poster Presentation*)
10. Dorroh J, Medina, C and **Asselin N**. Ambulance Transport for Asthma is Associated with Higher Overall Pediatric Emergency Medical Services Utilization. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2019 (*Lightning Oral Presentation*).
11. Dorroh J, Medina, C and **Asselin N**. Ambulance Transport for Asthma is Associated with Higher Overall Pediatric Emergency Medical Services Utilization. Society for Academic Emergency Medicine Annual Meeting, Las Vegas, NV. May 2019 (*e-Poster Presentation*).
12. Martin T, Chuck C, Thorndike J, **Asselin N**. Impact of Statewide Extended-Duration On-Scene Resuscitation Protocol on Airway Management during Witnessed Out-of-Hospital Cardiac Arrest: an interim analysis. National Association of EMS Physicians Annual Meeting, Austin TX. January 2020 (*Poster Presentation*)
13. Martin T, Kalagara S, Han E, Chuck C, **Asselin N**. Stay and Play Cardiopulmonary Resuscitation Protocol Associated With Decreased Prehospital Time-to-Epinephrine. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2020 (*Lighting Oral - Meeting Cancelled Due to COVID-19*)
14. Martin T, Kalagara S, Han E, Chuck C, **Asselin N**. Training for Failure: An Analysis of Prehospital Airway Management During Witnessed Cardiac Arrest in Adults. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2020 (*Lighting Oral - Meeting Cancelled Due to COVID-19*)
15. Martin T, Kalagara S, Han E, Chuck C, **Asselin N**. Stay and Play Cardiopulmonary Resuscitation Protocol Associated With Decreased Prehospital Time-to-Epinephrine. Society for Academic Emergency Medicine Annual Meeting, Denver, CO. May 2020 (*e-poster - Meeting Cancelled Due to COVID-19*).
16. Martin T, Kalagara S, Han E, Chuck C, **Asselin N**. Training for Failure: An Analysis of Prehospital Airway Management During Witnessed Cardiac Arrest in Adults. Society for Academic Emergency Medicine Annual Meeting, Denver, CO. May 2020. (*e-poster - Meeting Cancelled Due to COVID-19*).
17. Doelfel S, Licht A, Dinsmore M, Martin T. Chuck C, **Asselin N**. The Impact of Extended Pre-hospital Scene Times on Post Cardiac Arrest Hospital Treatment Plans.

National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021
(*Poster Presentation*)

18. Dinsmore M, Doelfel S, Licht A, Martin T, Chuck C, **Asselin N**. Sometimes Narcan, Sometimes Narcan't: Characterizing Naloxone Use in Out of Hospital Cardiac Arrest in Rhode Island. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021 (*Poster Presentation*)
19. Licht A, Doelfel S, Dinsmore M, Martin T, Chuck C, **Asselin N**. Airway Management Trends Following Out-of-Hospital Cardiac Arrest (OHCA) Protocol Changes in RI. New England Emergency Medicine Research Directors (NERDS) Regional Meeting (Virtual). April 2021 (*Oral Presentation*)
20. Gallo Marin B, Soliman LB, Aluisio A, **Asselin N**, Herrera-Estrada JE, Moretti K. Increased temperatures are associated with increased Emergency Medical Services utilization in Rhode Island. New England Emergency Medicine Research Directors (NERDS) Regional Meeting (Virtual). April 2021 (*Oral Presentation*)
21. Licht A, Doelfel S, Dinsmore M, Martin T, Chuck C, **Asselin N**. Airway Management Trends Following Out-of-Hospital Cardiac Arrest (OHCA) Protocol Changes in RI. Society for Academic Emergency Medicine Annual Meeting (Virtual). May 2021 (*Lightning Oral Presentation*)
22. Gallo Marin B, Soliman LB, Aluisio A, **Asselin N**, Herrera-Estrada JE, Moretti K. Increased temperatures are associated with increased Emergency Medical Services utilization in Rhode Island. Society for Academic Emergency Medicine Annual Meeting (Virtual). May 2021 (*Lighning Oral Presentation*)
23. Pellegrino J L, Vance J, **Asselin N**. Sing, Listen, Tap, or Clap Your Learners to Effective Chest Compressions: Evidence for Engaging Learners Through Song. Citizen CPR Foundation Annual Meeting, San Diego, CA. December 2021. (*Poster Presentation*)
24. Barisano A, Tanzier JR, Wilson T, Rybasack-Smith H, **Asselin N**. Where you live should not determine if you live: Assessing disparities in bystander-CPR for out-of-hospital cardiac arrest in RI. National Association of EMS Physicians Annual Meeting, Tampa, FL. January 2023 (*Poster Presentation*)
25. **Asselin N**, Cummings C, Lauro J, Rybasack-Smith H. Small State, Real Complicated: Moving the Needle on Out-of-Hospital Cardiac Arrest in Rhode Island. Cardiac Arrest Survival Summit, San Diego, CA. December 2023 (accepted prese)
26. Brent C, Svancarek B, **Asselin N**, Mackey K. Hidden Forces: The Impact of Money and Politics on EMS Medicine. National Association of EMS Physicians Annual Meeting, Austin, TX. January 2024 (accepted presentation)

INVITED PRESENTATIONS

Local

1. May 2015. What the Heck is a DO? *Residency Grand Rounds*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
2. September 2015. The Infamous Airway. *Residency Didactic Presentation*. Emergency Medicine Residency, University of Massachusetts Medical School, Worcester, MA.
3. December 2015. Community Paramedicine. *Fellowship Didactic Presentation*. EMS Fellowship, Department of Emergency Medicine, University of Massachusetts Medical School, Worcester, MA.
4. May 2016. Medication Assisted Intubation Workshop. *Worcester EMS*. Department of Emergency Medicine, University of Massachusetts Medical School, Worcester, MA.
5. June 2016. Asynchronous Education. *Fellowship Didactic Presentation*. EMS Fellowship, Department of Emergency Medicine, University of Massachusetts Medical School, Worcester, MA.
6. January 2017. High Performance CPR. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
7. January 2017. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
8. March 2017. Sepsis, shock, acid/base, blood gasses. *LifePACT Critical Care Paramedic Course*. Rhode Island Hospital, Providence RI
9. May 2017. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
10. September 2017. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
11. October 2017. Controversies in Prehospital Cardiac Arrest Management: Life in the 30-Minute CPR World. *Rescue Rounds*. Rhode Island Hospital, Providence, RI
12. December 2017. Selective Spinal Immobilization. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
13. January 2018. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
14. January 2018. Trauma Point of Entry. *Newport Hospital EMS Rounds*. Newport, RI.
15. January 2018. EMS Communications and Dispatch. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
16. February 2018. Fireground Rehab. *Invited Medical Director Rounds*. Cumberland Rescue, Cumberland, RI.
17. February 2018. EMS in the Tactical Environment. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.

18. March 2018. Excited Delirium and Less Lethal Weapons. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
19. March 2018. EMS Protocol Update. *Brown Division of EMS Continuing Education Day*. Providence, RI
20. March 2018. Prehospital Airway Management. *South Kingstown EMS*. Lifespan Medical Simulation Center, Providence, RI.
21. April 2018. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
22. April/May 2018. Resident Difficult Airway Course/Animal Lab. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
23. May 2018. EMS extrication in the Wilderness Environment. *Wilderness Elective Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
24. June 2018. Faculty Difficult Airway Skills Course. *Emergency Medicine Annual Retreat*. Brown Emergency Medicine, East Providence, RI.
25. August 2018. History of LifePACT. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
26. August 2018. Extrication in the Wilderness Environment. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
27. August 2018. Introduction to QA/CQI. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
28. August 2018. Introduction of RI EMS. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
29. October 2018. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
30. October 2018. Medical Management of HAZMAT Events. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
31. November 2018. Out-of-Hospital Cardiac Arrest Simulation. *Brown Division of EMS Continuing Education Day*. Providence, RI
32. November 2018. EMS Dispatch and Communications. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
33. December 2018. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
34. December 2018. Adult Learning Theory for EMS Educators. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
35. February 2019. EMS Finance and Cost Analysis. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
36. April 2019. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
37. April 2019. EMS Research Methodologies. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.

38. April/May 2019. Resident Difficult Airway Course/Animal Lab. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
39. May 2019. EMS extrication in the Wilderness Environment. *Wilderness Elective Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
40. July 2019. EMS Fellowship Simulation Day. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
41. History of LifePACT. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
42. Understanding RI EMS. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
43. August 2019. Wilderness EMS. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
44. August 2019. QA/CQI and EMS Data Management. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
45. August 2019. EMS Journal Club – Intranasal Ketamine for pain control. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
46. August 2019. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
47. September 2019. EMS Advocacy in RI. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
48. September 2019. Fireground Operations. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
49. September 2019. Tactical EMS Operations. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
50. September 2019. Large Group Presentation Skills. *Fellowship Career Development Series*. Brown Emergency Medicine, Providence, RI.
51. October 2019. Excited Delirium and Less Lethal Weapons. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
52. October 2019. Provider Remediation. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
53. October 2019. Large Group Presentations. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
54. November 2019. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
55. December 2019. Medical Management of HAZMAT Events. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
56. February 2020. Ultrasound and EMS: Operations and implementation. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
57. March 2020. EMS Communications and Dispatch. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
58. March 2020. EMS Finance and Cost Analysis. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.

59. April 2020. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
60. August 2020. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
61. October 2020. Resident Difficult Airway Course/Animal Lab. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
62. December 2020. New Frontiers in Resuscitation. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
63. January 2021. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
64. March 2021. Pediatric EMS Simulation Course. *Lifespan Medical Simulation Center*. Providence, RI
65. March 2021. Resident Difficult Airway Course/Animal Lab. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
66. October 2021. Resident Difficult Airway Course/Animal Lab. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
67. May 2021. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
68. July 2021. EMS Fellowship Simulation Day. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
69. July 2021. EMS Quality Management Concepts. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
70. August 2021. RI EMS Politics. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
71. August 2021. History of LifePACT. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
72. September 2021. Care of the agitated patient/Less Lethal Weapons. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
73. September 2021. EMS Finance and Cost Analysis. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
74. October 2021. EMS Research and Working with an IRB. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
75. October 2021. EMS Communications and Dispatch. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
76. October 2021. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
77. December 2021. Medical Management of HAZMAT Events. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.

78. January 2022. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
79. January 2022. Ultrasound and EMS: Operations and implementation. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
80. March 2022. Resident Difficult Airway Course/Animal Lab. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
81. March 2022. EMS Culture of Safety. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
82. April 2022. Ambulance Safety and Lights and Siren's Responses. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
83. May 2022. Incident Command and Mass Casualty Incidents. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
84. May 2022. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
85. August 2022. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
86. January 2023. Case Files of the LifePACT Critical Care Transport Service. *Residency Didactic Presentation*. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
87. April/May 2023. Resident Difficult Airway Course/Animal Lab. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
88. May 2023. Resident HAZMAT and MCI Drill. Emergency Medicine Residency, Alpert Medical School of Brown University, Providence, RI.
89. July 2023. EMS Fellowship Simulation Day. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
90. July 2023. RI EMS Politics. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
91. August 2023. EMS Quality Management Concepts. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
92. August 2023. EMS in the Tactical Environment. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
93. September 2023. EMS Culture of Safety. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
94. September 2023. EMS Communications and Dispatch. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
95. September 2023. Care of the agitated patient/Less Lethal Weapons. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
96. September 2023. Critical Care Transport, Hemorrhagic Shock and Blood Products. *LifePACT Didactics*. Rhode Island Hospital, Providence, RI.
97. October 2023. Fireground Operations. *Fellowship Didactic Presentation*. Brown EMS Fellowship, Providence, RI.
98. October 2023. Best Practices for Rapid Sequence Induction. *LifePACT Didactics*. Rhode Island Hospital, Providence, RI.

EMS Medical Direction Rounds

1. UMASS Memorial Medical Center/Worcester EMS, Worcester, MA:
9/2015, 12/2015, 2/2016,
2. Patriot Ambulance Service, Chelmsford, MA:
9/2015, 10/2015, 1/2016, 2/2016, 3/2016, 4/2016, 5/2016, 6/2016
3. Holden Fire Department, Holden, MA:
12/2015, 4/2016, 6/2016
4. Oakland-Mapleville Fire Department, Burrillville, RI:
5/2017, 10/2017, 1/2018, 10/2018, 12/2018, 3/2019, 6/2019, 9/2019, 12/2019, 5/2020,
10/2020, 2/2021, 8/2021, 2/2022, 8/2022, 1/2023, 8/2023
5. Western Coventry Fire District, Greene, RI:
1/2018, 6/2018, 9/2018, 12/2018, 4/2019, 6/2019, 12/2019, 5/2020, 7/2020, 10/2020,
4/2021, 8/2021, 3/2022, 6/2022, 10/2022, 5/2023
6. Brown University EMS, Providence, RI:
9/2018, 9/2019, 2/2021, 9/2022, 11/2022, 1/2023, 4/2023, 9/2023
7. Harmony Fire Department, Glocester, RI:
10/2018, 12/2018, 2/2019, 5/2019, 8/2019, 8/2020, 6/2021, 2/2022, 11/2022, 9/2023
8. Brewster Ambulance Service, Pawtucket, RI:
10/2018, 2/2019, 5/2019, 9/2019, 1/2020
9. Pascoag Fire Department, Burrillville, RI:
4/2019, 7/2019, 10/2019, 1/2020, 8/2020, 12/2020, 6/2021, 10/2021, 12/2021, 4/2022,
10/2022, 6/2023, 10/2023
10. Chepachet Fire Department, Glocester, RI:
12/2019, 2/2020, 2/2021, 8/2021, 6/2022, 2/2023
11. West Glocester Fire Department, West Glocester, RI:
5/2020, 11/2020, 11/2021, 8/2022, 5/2023
12. Smithfield Fire Department, Smithfield, RI:
2/2021, 3/2021, 4/2021, 6/2021, 7/2021, 8/2021, 9/2021, 10/2021, 11/2021, 12/2021,
2/2022, 3/2022, 4/2022, 6/2022, 8/2022, 9/2022, 11/2022, 2/2023, 5/2023, 6/2023,
7/2023, 9/2023
13. Hope Valley Ambulance Squad, Hope Valley, RI:
5/2023

Regional

1. November 2016. Adult Learning Theory. *Fellowship Didactic Presentation*. EMS Fellowship, Department of Emergency Medicine, University of Massachusetts Medical School, Worcester, MA.
2. April 2018. Principals of EMS Medical Direction. *Rhode Island EMS Expo*. Metro EMS Association, Warwick, RI.
3. October 2018. Adult Learning Theory for EMS Educators. *Fellowship Didactic Presentation*. EMS Fellowship, Department of Emergency Medicine, University of Massachusetts Medical School, Worcester, MA.
4. November 2018. The Rhode Island Prehospital Cardiac arrest Outcomes Registry Database (RIPCARD). *Didactic Presentation*. The New England Council of EMS Annual Meeting, Newport, RI.
5. April 2019. Beyond the Tube: End Tidal CO2 in your daily practice. *Rhode Island EMS Expo*. Metro EMS Association, Warwick, RI.
6. September 2019. Academic Emergency Medicine and EMS. *University of New England College of Osteopathic Medicine*. Biddeford, ME.
7. November 2021. Prehospital Management of Fire Victims. *Hasbro Children's Hospital Pediatric Trauma Conference*. (Virtual) Providence, RI
8. March 2021. Academic Emergency Medicine and EMS. *University of New England College of Osteopathic Medicine*. (Virtual) Biddeford, ME.
9. November 2021. Living Large: Presentation Skills for Doctors. (Virtual) *New England Regional EMS Fellowship Didactics*.
10. March 2022. Life as an Academic ED Doc. *University of New England College of Osteopathic Medicine*. Biddeford, ME.
11. April 2022. Which wave is this? COVID through the eyes of an accidental public health physician. *Keynote Speaker, Health Studies Symposium*. University of Rhode Island Department of Health Sciences.
12. September 2022. Cardiac Arrest in RI: Where are we now? Where are we going? How do we get there? *Rhode Island EMS Expo*. Metro EMS Association, Warwick, RI.
13. November 2022. Outcomes in Cardiac Arrest in RI. *RI Fire Chiefs Association*. Smithfield, RI
14. October 2023. Lifespan Paramedicine. *New England Regional Mobile Integrated Healthcare Symposium*. Shrewsbury, MA

National

1. **Asselin N**, Pellegrino J, Markinson D. Theoretical Organization of Motivations to Attend First Aid Education: Scoping Review. *Proceedings of the Red Cross Scientific Advisory Council*. January 2019.
2. **Asselin N**, Pellegrino J, Markinson D. Impact of Songs in CPR training, a systematic review. *Proceedings of the Red Cross Scientific Advisory Council*. September 2020.
3. **Asselin N**, Sather T, Markinson D. Motivation to attend CPR training, a systematic review. *Proceedings of the Red Cross Scientific Advisory Council*. June 2022.
4. Panelist and Lecturer. Preconference Workshop: Hidden Forces: The Impact of Money and Politics on EMS Medicine. *National Association of EMS Physicians Annual Meeting, Austin, TX. January 2024 (accepted)*

International

REVIEWER/EDITORIAL ACTIVITIES

Reviewer	Teaching and Learning in Medicine
Reviewer	International Journal of Emergency Medicine
Reviewer	Emergency Medicine Journal
Reviewer	International Journal of First Aid Education
Reviewer	RI Medical Journal
Reviewer	American Red Cross Editorial Committee Cureus Channel

GRANTS

1. Resident Scholarly Development Grant	University Emergency Medicine Foundation \$2500. August 2013 – June 2015 Co-PI
2. Northwest RI Pediatric Collaborative Pediatric Training Grant.	RIDOH EMS For Children \$4900. December 2020 – March 2021 Co-PI
3. Smithfield Fire Department Pediatric Training Grant.	RIDOH EMS For Children \$4900. December 2020 – March 2021 Co-PI
4. Western Coventry Fire Department Pediatric Training Grant.	RIDOH EMS For Children \$4900. December 2020 – March 2021 Co-PI
5. Northwest RI MIH Collaborative Mobile Integrated Healthcare	RIDOH/CDC COVID Disparities Grant \$155,000. February 2023 – March 2024 Co-PI

PROJECTS

<i>Telecommunicator CPR at the RI-911 Center</i> Advocacy via RIMS and RIACEP to fund, train, oversee and improve TCPR at the 911Center	Co-lead (completed)
<i>Physician Administrative Triage Officer of the Day (PATOD) Program Development</i> Worked with the EpiCenter team and Lifespan leadership to develop, implement and optimize the PATOD role	Lead (completed)
<i>LifePACT EMS Ultrasound</i> Developed trainings, operational design and QA to deploy new POCUS devices on LifePACT	Co-Lead (in progress)
<i>LifePACT EMS Blood Products</i> Collaborating with Lifespan and blood bank teams to bring blood products to LifePACT	Co-Lead (in progress)
<i>EpiCenter Hospital Flow Redesign</i> Working with the Lifespan Transformation to Improve inpatient flow throughout Lifespan Hospitals	Co-Lead (in progress)
<i>Lifespan Mobile Integrated Health Pilot</i> Cross-functional team including utilization management, social work, case management working to implement MIH within Lifespan	Co-Lead (in progress)
<i>Lifespan System Capacity/Surge Task Force</i> Multidisciplinary team of stakeholders formed revamp a system-wide response to surge	Participant

COMMUNITY ENGAGEMENT/VOLUNTEER ACTIVITIES

Rhode Island Free Clinic	Volunteer Physician 2011-2015
Brown Emergency Medicine Critical Incident Peer Support Team	Peer Support 2023-present
East Greenwich Soccer Association	U9 Travel Coach 2023-present

UNIVERSITY TEACHING ROLES

1. Community Mentor - Doctoring: BIOL 3640 (2012–2015)
Alpert Medical School of Brown University, Providence, RI
2. Skill Session Leader - Essentials of Procedural Skills: BOIL 6671 (2016)
Alpert Medical School of Brown University, Providence, RI
3. Skill Session Leader - Clinical Skills Clerkship: BIOL 5885 (2015-2017)
Alpert Medical School of Brown University, Providence, RI

HOSTPIAL TEACHING ROLES

Lecturer, Resident Core Curriculum, Department of Emergency Medicine, Rhode Island Hospital, 2016-Present.

Faculty, Resident Difficult Procedures course, Department of Emergency Medicine, Rhode Island Hospital, 2016-Present.

Director, Resident EMS Education, Department of Emergency Medicine, Rhode Island Hospital, 2017-Present.

MENTORING ROLES

UNIVERSITY

1. Community Mentor, Doctoring Course Year I, The Warren Alpert Medical School of Brown University/Rhode Island Hospital, Providence, RI 2012-2013, Mentee: Charles Hyman, MD '17
2. Community Mentor, Doctoring Course Year I, The Warren Alpert Medical School of Brown University/Rhode Island Hospital, Providence, RI 2013-2014, Mentee: Hyunwoo June Choo, MD '18
3. Community Mentor, Doctoring Course Year I, The Warren Alpert Medical School of Brown University/Rhode Island Hospital, Providence, RI 2014-2015, Mentee: Obinna Ekekezie, MD '19
4. Warren Alpert Medical School, Summer Research Assistantship and Faculty Advisor to Brown University Undergraduate Independent Study, BIOL 1960: "Effects of an isolated 30-Minute CPR Protocol on Out-of-Hospital Cardiac Arrest 2017-2018." 2017-2018. Mentee: Carlin Chuck, ScB '19 MD '23 (PLME)

Martin T, **Chuck C**, Thorndike J, **Asselin N**. Impact of Statewide Extended-Duration On-Scene Resuscitation Protocol on Airway Management during Witnessed Out-of-Hospital Cardiac

Arrest: an interim analysis. National Association of EMS Physicians Annual Meeting, Austin TX. January 2020 (*Poster Presentation*)

Martin T, Kalagara S, Han E, **Chuck C, Asselin N.** Stay and Play Cardiopulmonary Resuscitation Protocol Associated With Decreased Prehospital Time-to-Epinephrine. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2020 (*Lighting Oral - Meeting Cancelled Due to COVID-19*)

Martin T, Kalagara S, Han E, **Chuck C, Asselin N.** Training for Failure: An Analysis of Prehospital Airway Management During Witnessed Cardiac Arrest in Adults. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2020 (*Lighting Oral - Meeting Cancelled Due to COVID-19*)

Martin T, Kalagara S, Han E, **Chuck C, Asselin N.** Stay and Play Cardiopulmonary Resuscitation Protocol Associated With Decreased Prehospital Time-to-Epinephrine. Society for Academic Emergency Medicine Annual Meeting, Denver, CO. May 2020 (*e-poster - Meeting Cancelled Due to COVID-19*).

Martin T, Kalagara S, Han E, **Chuck C, Asselin N.** Training for Failure: An Analysis of Prehospital Airway Management During Witnessed Cardiac Arrest in Adults. Society for Academic Emergency Medicine Annual Meeting, Denver, CO. May 2020. (*e-poster - Meeting Cancelled Due to COVID-19*).

Doelfel S, Licht A, Dinsmore M, Martin T, **Chuck C, Asselin N.** The Impact of Extended Pre-hospital Scene Times on Post Cardiac Arrest Hospital Treatment Plans. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021 (*Poster Presentation*)

Dinsmore M, Doelfel S, Licht A, Martin T, **Chuck C, Asselin N.** Sometimes Narcan, Sometimes Narcan't: Characterizing Naloxone Use in Out of Hospital Cardiac Arrest in Rhode Island. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021 (*Poster Presentation*)

Licht A, Doelfel S, Dinsmore M, Martin T, **Chuck C, Asselin N.** Airway Management Trends Following Out-of-Hospital Cardiac Arrest (OHCA) Protocol Changes in RI. New England Emergency Medicine Research Directors (NERDS) Regional Meeting (Virtual). April 2021 (*Oral Presentation*)

Thorndike J, **Chuck C,** Baird J, **Asselin N.** Pilot Study of the Effect of a Protocol of 30 Minutes of Scene Care in Out-of-Hospital Cardiac Arrest in Rhode Island. *RI Med J* (2013). 2019 May 1;102(4):30-33. **PMID: 31042341**

5. Warren Alpert Medical School, Summer Research Assistantship 2019. Mentee: Thomas Martin, ScB '18, MD '22, General Surgery Resident, Harvard Brigham and Women's Residency, Boston, MA

Martin T, Isik O, Luchette K, Rybassack-Smith H, **Asselin N**. Optimizing Collegiate EMS Resources During Major Events. National Collegiate Emergency Medical Services Foundation Annual Meeting, Philadelphia, PA. February 2018 (*Poster Presentation*).

Martin T, Chuck C, Thorndike J, **Asselin N**. Impact of Statewide Extended-Duration On-Scene Resuscitation Protocol on Airway Management during Witnessed Out-of-Hospital Cardiac Arrest: an interim analysis. National Association of EMS Physicians Annual Meeting, Austin TX. January 2020 (*Poster Presentation*)

Martin T, Kalagara S, Han E, Chuck C, **Asselin N**. Stay and Play Cardiopulmonary Resuscitation Protocol Associated With Decreased Prehospital Time-to-Epinephrine. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2020 (*Lighting Oral - Meeting Cancelled Due to COVID-19*)

Martin T, Kalagara S, Han E, Chuck C, **Asselin N**. Training for Failure: An Analysis of Prehospital Airway Management During Witnessed Cardiac Arrest in Adults. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2020 (*Lighting Oral - Meeting Cancelled Due to COVID-19*)

Martin T, Kalagara S, Han E, Chuck C, **Asselin N**. Stay and Play Cardiopulmonary Resuscitation Protocol Associated With Decreased Prehospital Time-to-Epinephrine. Society for Academic Emergency Medicine Annual Meeting, Denver, CO. May 2020 (*e-poster - Meeting Cancelled Due to COVID-19*).

Martin T, Kalagara S, Han E, Chuck C, **Asselin N**. Training for Failure: An Analysis of Prehospital Airway Management During Witnessed Cardiac Arrest in Adults. Society for Academic Emergency Medicine Annual Meeting, Denver, CO. May 2020. (*e-poster - Meeting Cancelled Due to COVID-19*).

Doelfel S, Licht A, Dinsmore M, **Martin T**, Chuck C, **Asselin N**. The Impact of Extended Pre-hospital Scene Times on Post Cardiac Arrest Hospital Treatment Plans. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021 (*Poster Presentation*)

Dinsmore M, Doelfel S, Licht A, **Martin T**, Chuck C, **Asselin N**. Sometimes Narcan, Sometimes Narcan't: Characterizing Naloxone Use in Out of Hospital Cardiac Arrest in Rhode Island. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021 (*Poster Presentation*)

Licht A, Doelfel S, Dinsmore M, **Martin T**, Chuck C, **Asselin N**. Airway Management Trends Following Out-of-Hospital Cardiac Arrest (OHCA) Protocol Changes in RI. New England Emergency Medicine Research Directors (NERDS) Regional Meeting (Virtual). April 2021 (*Oral Presentation*)

Martin T, Dorroh J, Ranney M, **Asselin N**, Sarkar I.N. Health Information Exchange in Emergency Medical Services. *Appl Clin Inform.* 2018 Oct;9(4):884-891. **PMID: 30541153**

6. Faculty Advisor to Brown University Undergraduate Independent Study, BIOL 1960: “Impact of the Mode of Arrival of Pediatric Asthma Patients to a Busy Urban Children’s Hospital Emergency Department.” 2017-2018. Mentee: James Dorroh, ScB ’18, MD ’23 University of Missouri School of Medicine. Internal Medicine Resident, Stanford Medicine.

Dorroh J and **Asselin N**. How Did You Get Here? Interim Analysis of the Mode of Arrival of Pediatric Asthma Patients to a Busy Urban Children’s Hospital Emergency Department. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2018 (*Lightning Oral Presentation*).

Dorroh J, Medina, C and **Asselin N**. Ambulance Transport for Asthma is Associated with Higher Overall Pediatric Emergency Medical Services Utilization. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2019 (*Lightning Oral Presentation*).

Dorroh J, Medina, C and **Asselin N**. Ambulance Transport for Asthma is Associated with Higher Overall Pediatric Emergency Medical Services Utilization. Society for Academic Emergency Medicine Annual Meeting, Las Vegas, NV. May 2019 (*e-Poster Presentation*).

Martin T, **Dorroh J**, Ranney M, **Asselin N**, Sarkar I.N. Health Information Exchange in Emergency Medical Services. *Appl Clin Inform*. 2018 Oct;9(4):884-891. **PMID: 30541153**

7. Faculty Advisor to Brown University Undergraduate Independent Study, BIOL 1960: “Geographic and Socioeconomic Determinants of EMS use in Pediatric Asthma Patients.” 2018-2019. Mentee: Cathlyn Medina, ScB ’19, MD ’24 Duke University School of Medicine.

Dorroh J, **Medina, C** and **Asselin N**. Ambulance Transport for Asthma is Associated with Higher Overall Pediatric Emergency Medical Services Utilization. New England Emergency Medicine Research Directors (NERDS) Regional Meeting, Worcester, MA. March 2019 (*Lightning Oral Presentation*).

Dorroh J, **Medina, C** and **Asselin N**. Ambulance Transport for Asthma is Associated with Higher Overall Pediatric Emergency Medical Services Utilization. Society for Academic Emergency Medicine Annual Meeting, Las Vegas, NV. May 2019 (*e-Poster Presentation*).

8. Warren Alpert Medical School, Summer Research Assistantship 2020. Mentee: Aron Licht, ScB ’19, MD ’23. Vascular Surgery Resident, Georgetown University School of Medicine, Washington, DC

Doelfel S, **Licht A**, Dinsmore M, Martin T, Chuck C, **Asselin N**. The Impact of Extended Pre-hospital Scene Times on Post Cardiac Arrest Hospital Treatment Plans. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021 (*Poster Presentation*)

Dinsmore M, Doelfel S, **Licht A**, Martin T, Chuck C, **Asselin N**. Sometimes Narcan, Sometimes Narcan’t: Characterizing Naloxone Use in Out of Hospital Cardiac Arrest in Rhode

Island. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021
(*Poster Presentation*)

Licht A, Doelfel S, Dinsmore M, Martin T, Chuck C, **Asselin N**. Airway Management Trends Following Out-of-Hospital Cardiac Arrest (OHCA) Protocol Changes in RI. New England Emergency Medicine Research Directors (NERDS) Regional Meeting (Virtual). April 2021
(*Oral Presentation*)

9. Warren Alpert Medical School, Advanced Clinical Mentorship in Emergency Medicine. 2019-2020. Maia Dinsmore, MD '22. Emergency Medicine Resident, University of Michigan, Ann Arbor, MI

Doelfel S, Licht A, **Dinsmore M**, Martin T, Chuck C, **Asselin N**. The Impact of Extended Pre-hospital Scene Times on Post Cardiac Arrest Hospital Treatment Plans. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021 (*Poster Presentation*)

Dinsmore M, Doelfel S, Licht A, Martin T, Chuck C, **Asselin N**. Sometimes Narcan, Sometimes Narcan't: Characterizing Naloxone Use in Out of Hospital Cardiac Arrest in Rhode Island. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021
(*Poster Presentation*)

Licht A, Doelfel S, **Dinsmore M**, Martin T, Chuck C, **Asselin N**. Airway Management Trends Following Out-of-Hospital Cardiac Arrest (OHCA) Protocol Changes in RI. New England Emergency Medicine Research Directors (NERDS) Regional Meeting (Virtual). April 2021
(*Oral Presentation*)

10. Royce Fellowship, Brown University. 2020-2021. Neurologic outcomes in out-of-hospital cardiac arrest. Mentee: Savannah Doelfel, ScB '22. Analyst, Cornerstone Research, San Francisco, CA. Deferred Acceptance, Harvard Law School, Cambridge, MA

Doelfel S, Licht A, Dinsmore M, Martin T, Chuck C, **Asselin N**. The Impact of Extended Pre-hospital Scene Times on Post Cardiac Arrest Hospital Treatment Plans. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021 (*Poster Presentation*)

Dinsmore M, **Doelfel S**, Licht A, Martin T, Chuck C, **Asselin N**. Sometimes Narcan, Sometimes Narcan't: Characterizing Naloxone Use in Out of Hospital Cardiac Arrest in Rhode Island. National Association of EMS Physicians 2021 Virtual Annual Meeting. January 2021 (*Poster Presentation*)

Licht A, **Doelfel S**, Dinsmore M, Martin T, Chuck C, **Asselin N**. Airway Management Trends Following Out-of-Hospital Cardiac Arrest (OHCA) Protocol Changes in RI. New England Emergency Medicine Research Directors (NERDS) Regional Meeting (Virtual). April 2021
(*Oral Presentation*)

11. Warren Alpert Medical School, Summer Research Assistantship 2022 and Faculty Advisor to Brown University Undergraduate Independent Study, BIOL 1960: “Disparities in Bystander-CPR in Rhode Island.” 2022-2023. Mentee: Anthony Barisano, ScB ’23 MD ’27 (PLME)

Barisano A, Tanzier JR, Wilson T, Rybasack-Smith H, **Asselin N**. Where you live should not determine if you live: Assessing disparities in bystander-CPR for out-of-hospital cardiac arrest in RI. National Association of EMS Physicians Annual Meeting, Tampa, FL. January 2023 (*Poster Presentation*)

12. Emergency Medical Services Research Intern 2022-2023. “RI Prehospital Cardiac arrest Outcomes Registry Dataset” Mentee: Nikita Maryanov, University of Rhode Island, BA ’23, Alpert Medical School MD ’27

13. Emergency Medical Services Research Intern 2022-2023. “RI Prehospital Cardiac arrest Outcomes Registry Dataset” Mentee: Matthew Kent, Drexel Medical School, MD’25

14. Emergency Medical Services Research Intern 2022-2023. “RI Prehospital Cardiac arrest Outcomes Registry Dataset” Mentee: Angela Figueroa, Providence College, BS ’22

RESIDENCY

1. Emergency Medical Services. 2017-2019. Mentee: Jon Thorndike, Brown Emergency Medicine Class of 2019. Critical Care Fellowship, Washington University School of Medicine. Intensivist, St. Michael Medical Center, Silverdale, WA.

Co-PI IRB: RI Prehospital Cardiac arrest Outcomes Registry Dataset

Assistant Medical Director, Oakland-Mapleville Fire Department

Martin T, Chuck C, **Thorndike J**, **Asselin N**. Impact of Statewide Extended-Duration On-Scene Resuscitation Protocol on Airway Management during Witnessed Out-of-Hospital Cardiac Arrest: an interim analysis. National Association of EMS Physicians Annual Meeting, Austin TX. January 2020 (*Poster Presentation*)

Thorndike J, Chuck C, Baird J, **Asselin N**. Pilot Study of the Effect of a Protocol of 30 Minutes of Scene Care in Out-of-Hospital Cardiac Arrest in Rhode Island. RI Med J (2013). 2019 May 1;102(4):30-33. **PMID: 31042341**

2. Emergency Medical Services Mentorship 2017-2019. Mentee: Scott Pasichow, Brown Emergency Medicine Class of 2019. EMS Fellowship Brown University. EMS Medical Director, Southern Illinois University, Springfield, IL

3. Emergency Medical Services Mentorship 2017-2019. Mentee: Chana Rich, Brown Emergency Medicine Class of 2019. Wilderness Medicine Attending, University of Connecticut, Hartford, CT

4. Emergency Medical Services Mentorship 2017-2020. Mentee: Tim Boardman, Brown University Class of 2020. EMS Fellowship, University of Massachusetts. EMS Faculty Brown Emergency Medicine. Associate Program Director, EMS Fellowship, University of Massachusetts.

5. Emergency Medical Services Mentorship 2017-2021. Mentee: Matt LoConte, Brown Emergency Medicine Class of 2021. EMS Fellowship, University of Massachusetts. EMS Attending, University of Massachusetts.

Assistant Medical Director, Oakland-Mapleville Fire Department and Pascoag Fire Department

6. Faculty Advisor and Emergency Medical Services Mentorship 2017-2021. Mentee: Brett Murray, Brown Emergency Medicine Class of 2021. EMS Attending, Elliot Hospital, Manchester, NH

Assistant Medical Director, Western Coventry Fire District and Harmony Fire Department

7. Faculty Advisor. 2019-present. Mentee: Brendan Innes, Brown Emergency Medicine Class of 2023. Critical Care Fellow, Stanford University, Standford, CA

8. Faculty Advisor and Emergency Medical Services Mentorship 2020-present. Mentee: Sean Bilodeau, Brown Emergency Medicine Class of 2024

Assistant Medical Director, Chepachet Fire Department, Harmony Fire Department and West Gloucester Fire Department

9. Emergency Medical Services Mentorship 2021-present. Mentee: Brian Drury, Brown Emergency Medicine Class of 2025

Assistant Medical Director, Smithfield Fire Department

FELLOWSHIP

1. Emergency Medical Services Fellow. 2017-2018. Mentee: Heather Rybasack-Smith. EMS Faculty, Brown Emergency Medicine, Providence, RI
2. Emergency Medical Services Fellow. 2018-2019. Mentee: Erin Ciummo. EMS Faculty, University of Massachusetts, Worcester, MA
3. Emergency Medical Services Fellow. 2019-2020. Mentee: Kelly Meehan-Cousee. ED/EMS Attending, Southern Maine Medical Center, Biddeford, ME
4. Emergency Medical Services Fellow. 2019-2020. Mentee: Scott Pasichow. Assistant EMS Medical Director, Rutgers New Jersey Medical School, Newark, NJ
5. Emergency Medical Services Fellow. 2021-2022. Mentee: Seth Merker. EMS Faculty, Einstein Healthcare Network, Philadelphia, PA
6. Emergency Medical Services Fellow. 2023-2024. Mentee: Kathryn Schissler, *current EMS fellow*
7. Emergency Medical Services Fellow. 2023-2024. Mentee: Meghann Zapcic-Desrochers, *current EMS fellow*