

## CURRICULUM VITAE

### DAVID G. LINDQUIST, M.D. FACEP

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### EDUCATION

Undergraduate	Amherst College Amherst, Massachusetts Bachelor of Arts, Neuroscience	1990
Medical School	University of Vermont School of Medicine Burlington, Vermont M.D.	1995-1999
Additional Training	Northeastern University Boston, Massachusetts Emergency Medical Technician – Intermediate	1994

### POSTGRADUATE TRAINING

Residency	Rhode Island Hospital Brown University Providence, Rhode Island Emergency Medicine	1999-2003
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### POSTGRADUATE HONORS AND AWARDS

Dean's Excellence in Teaching Award	Alpert Medical School of Brown University Division of Biology and Medicine In recognition of outstanding teaching efforts.	2009
Advancing Innovation in Health Care Awards Program Honorable Mention	Quality Partners of Rhode Island <i>Implementation of the MedTEAMS curriculum via simulation-based training for the Emergency Department at The Miriam Hospital.</i>	2009

Clinical Director's Award	Department of Emergency Medicine Newport Hospital, Newport, RI <i>"In recognition of a faculty member who is fundamental to the successful functioning of the Newport Hospital Emergency Department and is a professional role model throughout the hospital community."</i>	2018
Fain Quality Award Certificate of Recognition	The Birthing Center, Newport Hospital Teamwork Training and Critical Obstetrical Skills <i>64-hour, year-long simulation-based curriculum designed and implemented in collaboration with The Birthing Center and Salve Regina University.</i>	2019
Physician of the Year	Rhode Island American College of Emergency Physicians (RIACEP)	2020
SAEM Research Achievement Award	Society for Academic Emergency Medicine Research Achievement Award, Basic Science Category, for: <i>"Commercially available snakebite device reduces bleeding during repair of laceration at a noncompressible site."</i>	2020

### **PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

ABEM Board Certified in Emergency Medicine	2004-2014
Recertification	2014-present
Rhode Island Medical License	2003-present
Massachusetts Medical License	2003-2011
DEA Controlled Substance Registration	2003-present
DEA Waiver for Buprenorphine	2019-present

### **ACADEMIC APPOINTMENTS**

Clinical Instructor Department of Emergency Medicine Brown Medical School Brown University	2003-2005
Assistant Professor of Emergency Medicine Clinician Educator Track Alpert Medical School of Brown University	2005-2016

Associate Professor of Emergency Medicine Clinician Educator Track Alpert Medical School of Brown University	2016-2022
Professor of Emergency Medicine Clinician Educator Track Alpert Medical School of Brown University	2022-present

**HOSPITAL APPOINTMENTS**

Attending Physician	Rhode Island Hospital and Hasbro Department of Emergency Medicine Providence, RI	2003-present
Attending Physician	The Miriam Hospital Department of Emergency Medicine Providence, RI	2003-present
Attending Physician	Newport Hospital Department of Emergency Medicine Newport, RI	2015-present
Attending Physician	Nantucket Cottage Hospital Nantucket, MA	2003-2010
Attending Physician	Block Island Medical Center Attending Physician New Shoreham, RI	2011-2019

**OTHER APPOINTMENTS**

Staff Medical Officer	Rhode Island Disaster Medical Assistance Team (RI-DMAT)	1999-2017
Medical Student Clerkship Co-Director	Department of Emergency Medicine Alpert School of Medicine at Brown University <i>Oversaw and advised rotating medical students. Coordinated applications and submission of letters of recommendation for students matching in emergency medicine.</i>	2005-2006
Assistant Program Director Emergency Medicine Residency	Rhode Island Hospital/Alpert Medical School <i>Assisted with leading a large, academic EM training program. Responsible for ensuring weekly academic conference was complete and complied with ACGME requirements.</i>	2006-2007

*Developed standardized mechanism for faculty evaluation of residents. Evaluated applicants for residency.*

Director of Teamwork Training	Lifespan Medical Simulation Center Providence, RI <i>Design and implement simulation-based teamwork training curricula as requested by various hospital departments.</i>	2008-present
<b>Medical Staff Officer Secretary/Treasurer</b>	<b>Newport Hospital</b>	2022-present
<b>Assistant Medical Director Emergency Department</b>	<b>Newport Hospital</b>	2023-present

**HOSPITAL COMMITTEES**

Operations Committee	Lifespan Medical Simulation Center Rhode Island Hospital	2003-present
ED Flow Committee	The Miriam Hospital <i>Interdisciplinary committee charged with improving emergency department patient flow.</i>	2006-2007
Patient Safety Committee	Rhode Island Hospital Department of Emergency Medicine	2008-2014
Patient Care Committee	The Miriam Hospital	2009-2014
Surgical Site/Side Identification Project	The Miriam Hospital-Ximedica Corp. Core Advisor	2009-2010
ED Patient Placement/Workload Task Force	The Miriam Hospital	2012-2019
Cardiac Arrest Committee	The Miriam Hospital	2019-2023
Teamwork and Communications	Rhode Island Hospital Emergency Department	2020
<b>Medical Executive Committee</b>	<b>Newport Hospital</b>	<b>2022-present</b>
<b>Chair, Clinical Quality And Safety Council</b>	<b>Newport Hospital</b>	<b>2022-present</b>

<b>Quality Oversight Committee</b>	<b>Newport Hospital</b>	<b>2022-present</b>
<b>Chair, Multidiscipline Peer Review Committee</b>	<b>Newport Hospital</b>	<b>2022-present</b>
<b>MEC Ad hoc Committee</b>	<b>Newport Hospital</b>	<b>2022</b>

**UNIVERSITY COMMITTEES**

Postgraduate Referral Committee	Alpert Medical School Faculty Representative	2005-2007
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**DEPARTMENTAL COMMITTEES**

Benefits Committee	University Emergency Medicine Foundation	2003-2006
Error Reduction Task Force Rhode Island Hospital	University Emergency Medicine Foundation	2003-2005
Residency Curriculum Committee	Department of Emergency Medicine	2005-2007
Education Committee	Department of Emergency Medicine	2006-2007
Resident-Student Education Committee	Department of Emergency Medicine	2021-present

**SOCIETY MEMBERSHIPS**

American College of Emergency Physicians (ACEP)	1999-present
Rhode Island American College of Emergency Physicians (RIACEP) Assistant Director, Toxicology Committee RIACEP	1999-present 2014-2020
Society for Academic Emergency Medicine (SAEM)	1999-present
American Academy of Emergency Medicine (AAEM)	2002-present
Rhode Island Medical Society (RIMS)	2003-present
Society for Simulation in Healthcare (SSH) Emergency Medicine Section Patient Safety and Simulation Collaborative Affinity Group	2003-present 2010-present 2015-present

**American Board of Emergency Medicine  
National Oral Board Examiner**

2021-present

### **JOURNAL REVIEWER**

American Journal of Medical Quality

2009-present

### **PUBLICATION LIST**

#### **ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS**

1. Kang I, **Lindquist DG**, Kinane TB, Ercolani L, Pritchard GA and Miller LG (1994). Isolation and characterization of the promoter of the human GABA<sub>A</sub> receptor  $\alpha$ -1 subunit gene. *Journal of Neurochemistry* 632: 1643-1646.
2. Fahey JM, **Lindquist DG**, Pritchard GA, and Miller LG (1995). Pregnenolone sulfate potentiation of NMDA-mediated increases in intracellular calcium in cultured chick cortical neurons. *Brain Research* 669: 183-188.
3. Mello, MJ; Nirenberg, T; **Lindquist, D**; Woolard, R; Cullen, A; Fanning, C 253 Rhode Island Physicians' Attitudes Regarding Reporting Alcohol-Intoxicated Drivers. *Annals of Emergency Medicine*. 38(4) Supplement 4:S68, October 2001.
4. Mello MJ, Nirenberg TD, **Lindquist D**, Cullen HA, Woolard R. Physician Attitudes Regarding Reporting Alcohol-Impaired Drivers. *Substance Abuse*. 2003 December; 24(4)233-42.
5. Shapiro, Marc J; Kobayashi, Leo; Overly, Frank; **Lindquist, D**. Development of a Transportable Modular Simulation-Based Patient Safety Curriculum for Graduate Medical Education. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*. 1(2):138, Summer 2006.
6. Shapiro MJ, Gardner R, Godwin SA, Jay GD, **Lindquist DG**, Salisbury ML, Salas E. Defining team performance for simulation-based training; methodology, metrics and opportunities for emergency medicine. *Academic Emergency Medicine* 2008 Nov; 15(11) 1088-97. Epub 2008, Oct1.
7. Tubbs R, Murphy B, Mainiero M, Shapiro M, Kobayashi L, **Lindquist D**, Smith J, Siegel N. High-Fidelity Medical Simulation as an Assessment Tool for Radiology Residents' Acute Contrast Reaction Management Skills. *Journal of the American College of Radiology*. 2009 Aug; 6(8) 582-7.
8. Kobayashi L, **Lindquist D**, Jenouri I, Dushay K, Haze D, Sutton E, Smith J, Tubbs R, Overly F, Foggie J, Dunbar-Vivieros J, Jones M, Marcotte S, Werner D, Cooper M, Martin P, Tamarro D, Jay G. Comparison of sudden cardiac arrest performance data obtained from in hospital incident chart review and in situ high fidelity medical simulation. *Resuscitation*. 2010 Apr 1; 81(4):463-71. Epub 2010 Feb 1.

9. Phipps M, **Lindquist D**, McConaughy E, O'Brien JA, Raker CA, Paglia MJ. Outcomes from a Labor and Delivery Team Training Program with a Simulation Component. *American Journal of Obstetrics and Gynecology*. 2012 Jan; 206(1):3-9. Epub June 21, 2011.
10. Sweeney L, Warren O, Gardner L, Rojek, A, and **Lindquist D**. A Simulation-Based Training Program Improves Emergency Department Staff Communication. *American Journal of Medical Quality*, 2014 Mar-Apr; 29(2):1115-23. Epub 2013 Jul 23.
11. Corl K, Sears W, Gregg S, **Lindquist D**. Resuscitative Thoracotomy for Non-Traumatic Pericardial Tamponade: Case Reports and Review of the Literature. *American Journal of Emergency Medicine* 2014 Sep 19 Epub Sep 19
12. Lauro J, **Lindquist D**, Katz E, Asselin N. Case Report: Intact Survival Following Prolonged Out-of-Hospital Cardiac Arrest Care. *Rhode Island Medical Journal* 2019 May; 102(4); 34-35.
13. 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).
14. **Lindquist D**. Blown Pupil at Sea. *Rhode Island Medical Journal* 2023 July; 106 (6); 20.

#### ELECTRONIC PUBLICATIONS

1. Otis W, Sweeney L, Rojek A, **Lindquist D**. A Simulation-Based Resource for Improving Patient Safety and Improving the Patient Experience . *MedEdPORTAL*; 2013. Available from: [www.mededportal.org/publication/9322](http://www.mededportal.org/publication/9322)
2. Petrone G, **Lindquist D**, Decerbo P, Musits A. First Call: Simulation and the Internship Preparation Course. *MedEdPORTAL*; MEP-2019-0338R1.
3. Musits A, Petrone G, **Lindquist D**, George P. First call simulation: preparing for acute patient decompensation with facilitated, peri-scenario debriefing. *MedEdPortal* 2020;1610982. MEP-2374-8265.10982
4. **Lindquist D**, Valente J, and Hack J. A Pilot Study Testing the Novel Use of a Snake Bite Compression Device for Field Hemostasis and Wound Repair in an Animal Model. *Military Medicine*, usac223, <https://doi.org/10.1093/milmed/usac223>. July 21, 2022.

#### SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

1. Frontline Nursing During COVID-19: A New Paradigm. 30 minute webinar presentation on debriefing strategies for education and after clinical events. Provided content expertise. University Southern Florida. December. 14, 2020.

#### OTHER PUBLICATIONS

1. **Lindquist, D**. Improving Patient Safety Using Crew Resource Management Principles Taught Via Medical Simulation. Prescriptions for Excellence in Health Care, Issue 7 p.5-6. Winter 2009.

#### BOOK CHAPTER

Pearls and Pitfalls in Teaching: What Works, What Doesn't. Clyne, B and **Lindquist, D**.

Rogers, Robert, Ed. 2008.

Pearls and Pitfalls in Teaching: What Works, What Doesn't. Clyne, B and **Lindquist, D.**  
Rogers, Robert, Ed. 2014

### ABSTRACTS

1. Fahey JM, Pritchard GA, **Lindquist DG** and Miller LG (1993). Pregnenolone sulfate-mediated increases in intracellular calcium in cultured chick cortical neurons. Neuroscience Abstracts 19: 1780.
2. Kang I, **Lindquist DG**, Kinane TB, Ercolami L and Miller LG (1993) Transcriptional regulation of human GABA<sub>A</sub> receptor  $\alpha$ -1 subunit. Neuroscience Abstracts, 19: 1142.
3. Fahey JM, **Lindquist DG** and Miller LG (1994). Interleukin 1B antagonism of NMDA-mediated increases in intracellular calcium in cultured chick cortical neurons. Neuroscience Abstracts 20: 1683.
4. Shapiro MJ, Kobayashi L, **Lindquist D**, and Overly F. (2005). Development of a Transportable Modular Simulation –Based Patient Safety Curriculum for Graduate Medical Education. International Meeting on Medical Simulation, San Diego, CA, January 2006.
5. FL Overly, **DG Lindquist**, L Kobayashi, MJ Paglia, L Browning, K Choi, D Gard, MJ Shapiro. Expanding the Use of Hybrid Simulators: Integrating a Standardized Patient and Obstetrical Manikin to Provide Teamwork Training to Multi-Disciplinary Labor and Delivery Room Teams. International Meeting on Medical Simulation, San Diego, CA, January, 2008.
6. Overly FL , **Lindquist DG**, Paglia MJ, Browning L, Choi K, Kobayashi L, Gard DL , Shapiro MJ. Expanding the use of Hybrid Simulators: Integrating a Standardized Patient and Obstetrical Manikin to Provide Teamwork Training to Multi-Disciplinary Labor and Delivery Room Teams. International Meeting on Simulation in Healthcare, San Diego. January 14, 2008.
7. Sweeney LA, **Lindquist DG**, Rojek A, Dykstra L, Kobayashi L. Very Good experiences don't just happen...Combining CRM and Customer Service training in one multidiscipline simulation-based training. International Meeting on Simulation in Healthcare, San Diego, January 2012.
8. Sweeney LA, **Lindquist DG**, Rojek A, Callison C. Branding- It's not just for the cereal aisle: A unique cross-industry collaboration aimed at the ever-daunting challenge of programmatic sustainment. 20<sup>th</sup> Annual Hospital Research Celebration, Rhode Island Hospital, Providence, RI, October 2012.
9. Sweeney LA, **Lindquist DG**, Rojek A, Dykstra L, Kobayashi L. Combining CRM training and Patient Service education into one comprehensive, multidisciplinary, simulation-based communications training curriculum. 20<sup>th</sup> Annual Hospital Research Celebration, Rhode Island Hospital, Providence, RI, October 2012.
10. Wendell LC, Silver B, Siket M, Madsen T, Thompson BB, **Lindquist D**, Furie KL. Utility of Code Stroke Simulation Training for Junior Neurology Residents. Poster presentation, Medical



Education Scholarship Seminar, Alpert Medical School of Brown University, Providence RI, April 2015.

11. Wendell LC, Thompson BB, Jayaraman M, Khan M, **Lindquist D**, Silver B, Furie KL. Code Stroke Simulation Training Benefits Junior Neurology Residents. Poster presentation, International Stroke Conference, Los Angeles, CA, February, 2016.
12. **Lindquist DG**, Valente JH, Hack JB. Commercially available snakebite device reduces bleeding during repair of laceration at a noncompressible site. Society for Academic Emergency Medicine 2020 Annual Meeting. Virtual presentation. May 2020. **Basic Science Award.**

## INVITED PRESENTATIONS

### Local

1. *Prehospital Pediatric Pearls*. RI-DMAT Lecture Series, Providence, RI. 2002
2. *Teamwork Training: An Active Means of Error Reduction*. Care New England Risk Management Seminar, Crowne Plaza Hotel, Warwick, RI. 2006
3. *Teamwork Training for Labor and Delivery Unit*. Grand Rounds Presentation. Department of Obstetrics, Women and Infants Hospital, Providence, RI. 2006
4. *Using Simulation as a Teaching Tool*. Keynote Speaker and Breakout Session Leader. BioMedical Clinical Faculty Workshop. Warren Alpert School of Medicine at Brown University. 2010
5. *Debriefing: Black Magic or Black Box?* Nursing Simulation Train-the-Trainers Course. Rhode Island Hospital Medical Simulation Center. 2010
6. *Block, Trap, and Mitigate: Crew Resource Management via Medical Simulation* New England Regional Patient Safety Seminar, Warren Alpert School of Medicine at Brown University, Providence, RI. 2011
7. *Curriculum Design: Debriefing Matters*. Designed and led multidisciplinary training seminar for Neonatal Resuscitation Program (NRP) instructors: physicians, nurses, midwives, respiratory therapists. Women and Infants Hospital. 2011
8. *Block, Trap, and Mitigate: Crew Resource Management via Medical Simulation* National Patient Safety and Quality Improvement Summit. Warren Alpert School of Medicine at Brown University. 2011
9. *Debriefing Matters*. Full day multidisciplinary training seminar on debriefing for Medical Simulation for Neonatal ICU physicians, nurses, and respiratory therapists. Women and Infants Hospital. 2012

10. *Crew Resource Management/Medical Simulation*. 2012  
2<sup>nd</sup> Annual Dr. Meyer Saklad Memorial Respiratory Care Symposium,  
Rhode Island Hospital.
11. *Debriefing Matters*. 8-hour debriefing workshop for Nurse Managers. 2013  
Women and Infants Hospital, Providence, RI.
12. *Debriefing Matters*. 8-hour debriefing workshop for Hospital Administrators. 2013  
Women and Infants Hospital.
13. RIACEP Toxicology Seminar. Coordinated and produced seminar for RIACEP 2015  
Quarterly meeting.
14. *Debriefing Matters*. Debriefing Workshop for Neonatal ICU providers and staff. 2020  
Women and Infants Hospital.
15. *Teamwork Session*. Brown University Master's in Healthcare Leadership. Lifespan 2023  
Medical Simulation Center. 18 participants. Providence, RI.

## Regional

1. *Trauma in the ED: A Unique Collaboration*. Trauma Grand Rounds 2012  
Presentation I. South Shore Hospital, South Weymouth, MA. Sept, 2012.
2. *Trauma in the ED: A Unique Collaboration*. Trauma Grand Rounds 2012  
Presentation II. South Shore Hospital, South Weymouth, MA. Oct 2012
3. *Team Training*. Simulation and Interprofessional Conference. 2013  
Baystate Medical Center, Springfield, MA.
4. *Facilitated Discussion on Teamwork and Communication*. 2014  
Interdisciplinary presentation for cardiac catheterization lab physicians,  
nurses, technicians. Cardiovascular Center, South Shore Hospital,  
South Weymouth, MA.
5. *Panel: Non-technical Skills Training*. Presented on advancing patient safety 2017  
through teamwork training. Annual meeting, Massachusetts Chapter of the  
American College of Surgeons. Boston, MA.
6. *Crew Resource Management and Teamwork Training via Medical Simulation*. 2018  
1st Annual Newport Hospital Kenneth Hodge Carron Safety Training Day.  
Gurney's Newport Resort and Marina, Newport, RI.
7. *Patient Safety at Noreen Stonor Drexel Birthing Center of Newport Hospital:  
A Year of Training*. Second Annual Newport Hospital Kenneth Hodge Carron 2019

Safety Training Day. Presentation of simulation-based patient safety curriculum developed and implemented 2018-2019.

8. *Team Climate*. Keynote Speaker. Third Annual Kenneth Hodge Carron Safety Training Day. Newport Hospital. Zoom presentation due to COVID-19 restrictions. 2020
9. *Live Simulation Resuscitation Demonstration with facilitated audience debriefing*. Multidiscipline collaboration with Newport Fire Department, Newport Hospital Emergency Department. Fifth Annual Kenneth Hodge Carron Safety Training Day. Gurney's Newport Resort and Marina, Newport, RI. 2022
10. **Live Simulation De-Escalation Demonstration with facilitated debriefing. Multidiscipline collaboration with department of Psychiatry and Emergency Department nursing. Sixth Annual Kenneth Hodge Carron Safety Training Day, Wyndham Newport Hotel, Newport, RI** 2023
11. **Stroke Care at Newport Hospital. Panel discussion. The Chanler at Cliff Walk, Newport, RI** 2023

#### National

1. *Simulation Teaching: Proven Pitfalls and Lessons Learned*. Council of Residency Directors (CORD) Annual Conference, Orlando, FL. 2007
2. Medical Simulation Lab 2-Day Workshop. Conducted training for teaching via medical simulation for ED faculty and residents. Department of Emergency Medicine, St. Luke's/Roosevelt Hospital, New York, New York. 2007
3. *Teamwork in Medical Simulation*. Panel Presentation. National Consensus 2008 Conference Society for Academic Emergency Medicine (SAEM) Annual Meeting, Washington, DC. 2008
4. *Improving Patient Safety Using Crew Resource Management Principles Taught via Medical Simulation*. Lecture and Advisory Board on Improving Health Care Quality and Safety. Thomas Jefferson University, Philadelphia, PA. 2009
5. *Improving Patient Safety Using Crew Resource Management Principles Taught via Medical Simulation*. American College of Medical Quality, Audio Conference Program Broadcast. 2009
6. *Teaching Multidiscipline Crew Resource Management (CRM) via Medical Simulation* Lecture, 7<sup>th</sup> Annual Interclerkship Day: Improving Patient Safety. Thomas Jefferson University, Philadelphia, PA. 2010
7. *Teaching Multidiscipline Crew Resource Management (CRM) via Medical Simulation*. Led 4-hour pre-conference seminar, 2010

- International Meeting of Simulation in Healthcare (IMSH), Phoenix, AZ.
8. *Lessons Learned via Medical Simulation*. Keynote Speaker  
Simulation User Network (SUN) Laerdal, Inc., Conference, Nashville, TN. 2010
  9. *Crew Resource Management (CRM) via Medical Simulation*  
Grand Rounds Presentation. Department of Emergency Medicine.  
Yale University, New Haven, CT.
  10. *Teaching CRM via Medical Simulation*. 2010  
Grand Rounds Presentation. Department of Emergency Medicine.  
Yale University, New Haven, CT.
  11. *Block, Trap, and Mitigate: Crew Resource Management for Patient Safety* 2010  
Lecture, Jefferson Medical College Resident Leadership Seminar,  
Thomas Jefferson University, Philadelphia, PA.
  12. *Teaching Multidiscipline Crew Resource Management (CRM) via* 2011  
*Medical Simulation*. Led 4-hour pre-conference seminar. International  
Meeting of Simulation in Healthcare (IMSH). New Orleans, LA.
  13. *Teaching via Simulation, Reducing Risk Along the Way* 2011  
3-hour presentation of medical simulation for Emergency Department  
personnel of Beta Health Care Group hospitals. The Langham Huntington  
Hotel, Pasadena, CA.
  14. *Teaching Crew Resource Management via Medical Simulation*. 2012  
Grand Rounds Presentation. Lecture and demonstration of high fidelity  
medical simulation. Scripps Mercy Hospital, San Diego, CA.
  15. *Teaching Crew Resource Management via Medical Simulation*. 2012  
Grand Rounds Presentation. Lecture and demonstration high fidelity  
medical simulation. Scripps Green Hospital, San Diego, CA.
  16. *Debriefing Pearls and Strategies: Practice with Neonatal Resuscitation* 2012  
*Protocol (NRP)*. Debriefing Workshops, 1.5 hours facilitated practicum.  
American Academy of Pediatrics (AAP) National Conference and Exhibition.  
New Orleans, LA.
  17. *Debriefing Pearls and Strategies*. Workshop and facilitated practicum. 2013  
American Academy of Pediatrics (AAP) National Conference and Exhibition.  
New Orleans, LA.
  18. *Multi-patient scenarios*. Clinical workshop. International Medical Simulation 2017  
in Healthcare (IMSH) Annual Meeting. Orlando, FL.
  19. *Career Pathways for Clinical Educators*. Invited Panel Discussant. 2017  
Society for Academic Emergency Medicine Annual Meeting. Orlando, FL.

20. *Teamwork: A Time to Train.* Grand Rounds Presentation. 2020  
2020 Waltz Lectureship. Scripps Green Hospital, San Diego, CA.
21. *Commercially available snake bite device reduces bleeding during repair of laceration at a non-compressible site.* Lightning Oral Presentation and **Basic Science awardee.** Society for Academic Emergency Medicine 2020 Annual Meeting, Denver, CO.
22. *Invited Webinar Presentation: "Welcome to Nursing, Report to the Frontline: Transition to practice strategies for the novice nurse confronting COVID-19."* Frontline Nursing During COVID-19: A new paradigm. University of South Florida, College of Nursing, Tampa, FL. Enduring Materials Jan 2021- Feb 1 2022.  
<https://health.usf.edu/nursing/frontline-nursing> 2021
23. *Invited Webinar Presentation: "Experience Does Not Equal Experience: The new COVID-19 paradigm for the seasoned nurse,"* Frontline Nursing During COVID-19: A new paradigm. University of South Florida, College of Nursing, Tampa FL. Enduring Materials Jan 2021- Feb 1, 2022.  
<https://health.usf.edu/nursing/frontline-nursing> 2021

## International

- Simulation Models Laboratory: Critical Care Scenarios in Accident and Emergency Course.* Royal College of Surgeons in Ireland. Dublin, Ireland. 2007

## MEDIA RELATIONS

1. WPRI-TV Channel 12 News: Interview regarding prevention of heart attacks while shoveling snow. 2002
2. WPRI-TV Channel 12: Interview regarding prevention of snow shoveling and snowblower injuries. 2006
3. WGBH-National Public Radio: Aired letter to editor regarding CT scan dye-related adverse events. 2006
4. WPRI-TV Channel 12: Interview regarding heat-related illnesses, their prevention, and hospital response. 2009
5. WPRI-TV Channel 12: Interview regarding heat related illnesses and prevention. 2016
6. Newport Life Magazine Interview: Knowing the signs of heat exhaustion and heat stroke. 2018

## GRANTS

Risk Management Grant, Co-Principal Investigator. 2010  
Project CLEAR! (Communication Leading to Excellence and Ameliorating Risk)  
Multidiscipline simulation-based training in Crew Resource Management  
Teamwork Training and Patient Communication Skills for the 450 person staff  
of Anderson Emergency Department, Rhode Island Hospital.  
Grant Implementation Steps:  
1. Led weekly multidiscipline planning committee meetings.  
2. Collaborated with Texas Tech University College of Mass  
Communications on media campaign and sustainment strategies.  
3. Designed and developed medical simulation scenarios addressing  
CRM and Patient Service.  
4. Led fifteen 8-hour multidiscipline training sessions for entire staff  
of Anderson Emergency Department, Rhode Island Hospital.

## UNIVERSITY TEACHING, ADVISING, AND MENTORING ROLES

Faculty Advisor, Emergency Medicine Interest Group 2005-2012

Emergency Medicine Residency Simulation Curriculum Director 2005-2007  
Monthly Resident Simulation Conference, 2-year curriculum.  
Trauma Team Leadership  
Pediatric Mock Codes  
Med Teams Instruction

Emergency Medicine Mock Oral Boards Resident Examiner 2004-2020

## Physician Mentor for Medical Student

Brown Medical School student Keith Corl '06  
Brown Medical School student Katja Goldflam '06  
Brown Medical School student Colin Stack '06  
Brown Medical School student Melanie Watts '06  
Alpert Medical School of Brown University Student Cameron McClure '07  
Alpert Medical School of Brown University Student Shane Ruter '07  
Alpert Medical School of Brown University Student Jaime Vasquez '07  
Alpert Medical School of Brown University Student Michael Lee '08  
Alpert Medical School of Brown University Matthew Brown '10 (Doctoring, BMS 1-2) 2007  
Alpert Medical School of Brown University Student Zara Matthews '12  
Alpert Medical School of Brown University Student Michelle Gosselin '13  
Alpert Medical School of Brown University Student William Hogan '21  
Alpert Medical School of Brown University Student Jesus Aguirre '21  
Alpert Medical School of Brown University Student Tobias Kirchwey '22

Alpert Medical School of Brown University Student Logan Abel '22  
 Alpert Medical School of Brown University Student Fatima Warsame '22  
 Alpert Medical School of Brown University Student Natalie Choy '22  
 Alpert Medical School of Brown University Student Jordan Fox '23  
 Alpert Medical School of Brown University Student Tyler Harder '23  
 Alpert Medical School of Brown University Student Gabriella Sansaricq '23  
 Alpert Medical School of Brown University Student C. Nikki Moscinski '24

### Faculty Advisor

Emergency Medicine Resident Kristina Robinson-McAteer '09  
 Emergency Medicine Resident Garreth Biegun '11  
 Emergency Medicine Resident Andre Boustani '15  
 Emergency Medicine Resident Paul Cohen '20  
 Emergency Medicine Resident Derek Lubetkin '23

### Training Sessions, Workshops, and Presentations

- |   |                                      |
|---|--------------------------------------|
| 1. Intubation Workshop, Brown University Medical School   | 2000, 2005                           |
| 2. <i>Curriculum Development: Course Director.</i> Critical Care Room Orientation<br>Emergency Medicine residents (13/year).<br>Individual medical simulation scenario of critically ill, double patient scenario,<br>with guided self-reflective debriefing. | 2004-present                         |
| 3. Clinical Pathology Conference<br>Epidural Abscess<br>Attending Discussant for EM Resident Conference   | 2005                                 |
| 4. Airway Management and Code Team Leadership. Internal Medicine PGY-2s<br>Basic airway training and resuscitation team leadership for code team leaders.   | 2005-present                         |
| 5. Advanced Airway Management Skills.<br>2-day course of didactic, simulation-based, and swine surgical<br>model-based training. Emergency Medicine PGY-2 residents and<br>Pediatric Emergency Medicine Fellows (14/year)<br><b>Course Director</b>           | 2005-present<br><br><b>2013-2017</b> |
| 6. Medical Student Careers Panel<br>Warren Alpert School of Medicine at Brown University  | 2006                                 |
| 7. Clinical Pathology Conference  | 2007                                 |

- Abdominal Pain/Obturator Abscess  
Attending Discussant for Emergency Medicine Resident Conference
8. Radiology Resident Anaphylaxis Response Training. 2009  
Trained radiology residents in management of anaphylaxis due to CT scan IV contrast administration.
  9. Clinical Pathology Conference 2009  
Necrotizing Fasciitis  
Attending Discussant for Emergency Medicine Resident Conference
  10. Dermatology and Sun Exposure 2010  
Medical Student Lecture  
Biology 5660
  11. Immersion and Submersion Injuries 2010-2019  
Medical Student Lecture (15-20 students/year)  
Biology 5660
  12. ACLS Instructor, with medical simulation 2011-2017  
2020-present
  13. Internship Preparation Elective; ATLS review 2013-2014  
Biology 5990
  14. Code Blue 2013-2016  
Clinical Skills Clerkship (110 students/year)  
Biology 5885
  15. *Curriculum Development*: Critical Care/Pulmonary Fellow Airway Management Training. 4-hour simulation-based training course for the management of difficult airways for the Pulmonary/ICU fellows (8 fellows/year, +ICU hospitalists). 2014-present
  16. *Curriculum Development*: Neurology Code Stroke Training; Advanced Course. 2014-present  
4-hour simulation/standard patient course for rapid assessment, decision-making, and family discussions in acute complex stroke care.  
PGY-3 Neurology residents (6/year).
  17. *Curriculum Development*: Code Stroke Protocol Training. 2014-present  
4-hour simulation/standard patient course for rapid assessment, decision-making, and family discussions in acute stroke care.  
PGY-2 Neurology Residents (6/year)
  18. Introduction to Marine Navigation 2017-2023  
Medical Student Lecture  
Biology 5660



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| 19. Suturing Lab, Instructor<br>Emergency Medicine PGY-1 residents: fundamental suturing skills  | 2018 |
| 20. Annual Joint Commission Maternal Safety Drill. Multidiscipline simulation-based systems probe. Women's Medicine Inpatient Unit, Rhode Island Hospital. 10 participants.  | 2021 |
| 21. Annual Joint Commission Maternal Safety Drill. Multidiscipline simulation-based systems probe. Emergency Department, The Miriam Hospital. 8 participants.  | 2022 |
| 22. LMSC Simulation Fellows lecture. <i>Teamwork, a Time to Train.</i>   | 2022 |
| 23. <i>Curriculum Development</i> : RI Army National Guard training for medical staffing of Leapfest, international military low altitude parachute contest. 2-day curriculum of trauma, medical, and behavioral health training. Lifespan Medical Simulation Center, Jul 31-Aug 1, 2023. 30 participants. | 2023 |

## HOSPITAL TEACHING, ADVISING, AND MENTORING ROLES

### **Multidiscipline CRM Teamwork Training Programs**

All departmental staff (physicians, nurses, APP's pharmacists, certified nursing assistants, technicians, secretaries) underwent medical simulation training and debriefing exercises, learning to apply the concepts of Crew Resource Management (CRM) using the MedTeams® or TeamSTEPPS curriculum. Regular meetings with each department's executive committee were held during the preparatory months prior to the training exercises. Four-hour simulation-based training sessions with video debriefing are conducted for groups of 10-15 participants.

### **Advanced Airway Management**

Health care providers (attending, fellows, APP's) undergo didactic and simulation-based skills stations and scenario training for manual ventilation, intubation, rescue devices, and surgical airway training. Sessions run 4-6 hours.

### **Fundamentals of Airway Management**

Non-EM attendings (e.g. Internists, Cardiologists) undergo didactic and hands-on skills training for BVM ventilation and placement of airway adjuncts including nasal trumpets, oral airways, and LMA's.

### **Code Team Leadership**

Health care providers (MD's, APP's) undergo didactic and simulation-based training in skills and techniques for leading codes and resuscitations effectively.

### **Train the Trainers**

8-hour course introducing new instructors to techniques for teaching via medical simulation with facilitated video debriefing.

### **Debriefing Matters**

8-hour didactic and small group session debriefing training for teamwork and communication. Participants learn techniques for leading facilitated discussions, controlling conversation dynamics, and managing disruptive or digressive participants.

### **QUEST (Quality Utilizing Engagement, Safety, and Teamwork)**

Multidiscipline CRM teamwork training and patient experience curriculum, using medical simulation. The curriculum is owned by Care New England; I was a lead consultant for its development.

### **RHODE ISLAND HOSPITAL, Providence, RI**

1. Simulation-based Training for Emergency Preparedness (STEP) Course. 2004-2005  
State-funded project to train personnel from emergency departments in Rhode Island.
2. Multidiscipline CRM Teamwork Training. Department of Neurosurgery 2008  
Rhode Island Hospital; 70 personnel trained (five 4-hour sessions).
3. Train the Trainers for Anesthesiologists and CRNA's. 2013  
Department of Anesthesiology.
4. Basic Airway Management. Cardiovascular Institute (CVI) APP's. 2014
5. *Curriculum Development*: Train the Trainers for Basic Airway Management. 2014  
Cardiovascular Institute (CVI) APP's.
6. Office-Based Mock Codes Cardiovascular Institute (CVI). 2014  
Multidiscipline code response training for outpatient cardiology office staff.  
35 personnel trained
7. Basic Airway Management. Women's Collaborative Group; 2015  
Gastroenterology.
8. Code Team Leadership and Structured Communications. PACU staff. 2016
9. *Curriculum Development*: Difficult Airway Management for RIACEP 2016  
quarterly meeting.  
Co-designed and co-directed airway management course for practicing  
emergency medicine physicians in Rhode Island. Lifespan Medical Simulation  
Center.
10. Fundamentals of Airway Management. Didactics and skills training for 2017  
CVI Cardiologists.

11. Cardiac Surgery APP's Skills Course Lifespan Medical Simulation Center. 2019
12. Cardiology APP's Skills Course. Lifespan Medical Simulation Center. 2019
13. Neurology Critical Care APP's Airway Course. Lifespan Medical Simulation Center. 2019

HASBRO CHILDREN'S HOSPITAL, Providence, RI

1. Multidiscipline CRM Teamwork Training. Pediatric Emergency Department. 2010-2011
2. Multidiscipline CRM Teamwork Training. Pediatric Intensive Care Unit, 100 personnel trained (seven 4-hour sessions). 2009

THE MIRIAM HOSPITAL, Providence, RI

1. Attending, The Miriam Hospital Emergency Department. 2003-present
2. Multidiscipline CRM Teamwork Training. Department of Emergency Medicine. 100 personnel trained (eight 4-hour sessions). *Awarded Honorable Mention by Quality Partners of Rhode Island for 2009 Advancing Innovation in Health Care Awards Program.* 2008-2009
3. Multidiscipline CRM Teamwork Training, Refresher Training. Department of Emergency Medicine, 80 personnel trained (seven 4-hour sessions). 2011
4. Multidiscipline CRM Teamwork Training. Cardiac Catheterization Lab, 9-month collaborative process of information-gathering, focus groups, staff survey, simulation-based training with facilitated discussion, and administrative advisement. Providence, RI. October 2016-July 2017. 2016-2017

NEWPORT HOSPITAL, Newport, RI

1. Fundamentals of Airway Management. Internal Medicine Hospitalists. Didactics and skills training. 2017
2. Basic and Advanced Airway Management Techniques. Intensivists and Hospitalists; two 4-hour sessions. 2018
3. *Curriculum Development: Patient Safety Curriculum.* The Birthing Center. Established and led year-long dual curriculum, implementing TeamSTEPPS and critical obstetrical skills with the physicians, nurse midwives, and 2018-2019

nursing staff of The Birthing Center. Conducted sixteen 4-hour training sessions with facilitated video debriefing for the entire department.  
Newport Hospital and Salve Regina University, Newport, RI.  
***Received Fain Quality Award Certificate of Recognition.***

4. Newport Hospitalist Video Laryngoscopy Course for COVID-19 intubations. Salve Regina University Simulation Lab, Newport, RI. 2020
5. *Curriculum Development: Patient Safety Curriculum, Emergency Department.* Established and led year-long dual curriculum, implementing TeamSTEPPS and critical emergency medicine skills with the physicians, advance practice providers, nursing staff, and ancillary staff of the Emergency Department. Seven 4-hour training sessions with facilitated video debriefing. (Future planned sessions delayed by COVID-19 pandemic.) Newport Hospital and Salve Regina University, Newport, RI. 2020
6. *Curriculum Development: Newport Hospital ICU Code Response with PPE during COVID-19 pandemic.* Simulation-based training on donning/doffing PPE, coordinating intubation team, managing infection precautions during code resuscitations. Intensive Care Unit, Newport Hospital, Newport, RI. 2020
7. *Curriculum Development: Newport Hospital ICU Staff Critical Skills and Teamwork Training.* Simulation-based training for fundamental resuscitation skills, structured communication tools, and post-resuscitation debriefing. Intensive Care Unit, Newport Hospital, Newport, RI. 2020
8. **Ongoing Training: Newport Hospital ICU, Emergency Department, OB, and Med-Surg Staff Critical Skills and Teamwork Training. Monthly sessions, 4-8 participants/month. Newport Hospital, Newport, RI.** 2019-2023
9. ***Curriculum Development: Newport Hospital Birthing Center. Management of the unresponsive patient, rhythm recognition, and PEA arrest. 15 participants. The Birthing Center, Newport Hospital, Newport RI.*** 2023

WOMEN AND INFANTS HOSPITAL, Providence, RI

1. Multidiscipline CRM Teamwork Training. Department of Labor and Delivery 100 personnel trained (eight 4-hour sessions). 2007
2. Multidiscipline CRM Teamwork Training. Triage/Emergency Department. 50 personnel trained (four 4-hour sessions). 2008
3. Multidiscipline CRM Teamwork Training. Department of Surgical Services. Women and Infants Hospital; 120 personnel trained (ten 4-hour sessions). 2010

4. TeamSTEPPS Refresher Training. Triage/Emergency Department. 50 personnel trained (four 4-hour sessions). 2013
5. Multidiscipline CRM Teamwork Training. Antenatal Care Unit and Acute Monitoring Service. 60 personnel trained (six 4-hour sessions). 2013
6. *Curriculum Development: Debriefing Matters.* Nurse managers and senior administrative staff, Women and Infants Hospital. 2014
7. QUEST site assessment and training. Departments of Uro-Gynecology and Gynecology/Oncology. 2014
9. QUEST site assessment and training. Departments of Labor and Delivery and Mother/Baby Unit. 2018
10. QUEST site assessment and training. Center for Children and Families and Center for Women's Medicine. 2018
11. QUEST site assessment and training. Emergency Department/Triage. 2019
12. QUEST site assessment, Neonatal Intensive Care Unit. 2020
13. Train-the-Trainers Debriefing Course, Neonatal Intensive Care Unit. Two 3-hour sessions. 2020
14. QUEST Site Assessment, Mother Baby Unit. 2021
15. QUEST Site Assessment, OB Medicine, GI/Endoscopy, Endocrine 2023
16. QUEST Training OB Medicine, GI/Endoscopy, Endocrine 2023

KENT HOSPITAL, Warwick, RI

1. Multidiscipline CRM Teamwork Training. Department of Emergency Medicine. 100 personnel trained. (six 4-hour sessions). Warwick RI. 2008-2009
2. Multidiscipline CRM Teamwork Training. Department of Labor and Delivery. 100 personnel trained (six 4-hours sessions). 2008
3. QUEST site assessment. Department of Surgical Services. 2019
4. QUEST Training, Department of Surgical Services. Monthly sessions; 8-10 participants/session. 2021-2022
- 5. QUEST site assessment. Intensive Care Unit 2022**
- 6. QUEST Training, Intensive Care Unit 2022-present**

**7. QUEST site assessment, Care New England  
Orthopedics and Sports Medicine** **2022**

**8. QUEST site assessment, Cardiac Catheterization lab** **2023**

BUTLER HOSPITAL, Providence, RI

1. QUEST site assessment, Behavioral Health Services. 2019

SOUTH SHORE HOSPITAL, South Weymouth, MA

1. TeamSTEPPS Multidiscipline training. Trauma Surgery and Emergency Department. 120 personnel trained (twelve 2-hour sessions). 2013

2. TeamSTEPPS Multidiscipline training. Perioperative Services. Monthly 2-hour sessions for 4 years. 2014-2018

3. TeamSTEPPS Multidiscipline training. Department of Obstetrics. 2014

4. TeamSTEPPS multidiscipline teamwork training. Cardiovascular Center Catheterization Lab. 30 personnel trained (two 2-hour sessions). 2014-2015

5. TeamSTEPPS Multidiscipline training. Intensive Care Unit. (Monthly 2-hour sessions over 2 years). 2016-2017

SOUTHCOAST HEALTH SYSTEM

1. Code Team Leadership and Airway Management. Internal Medicine Hospitalists SouthCoast Health System Massachusetts. 60 personnel trained (six 4-hour sessions) 2012

CONTINUING MEDICAL EDUCATION COURSES TAUGHT

Nursing Education

Lecture: Nursing, The Miriam Hospital, "Anticoagulation." 2004

Lecture: Nursing, The Miriam Hospital, "Triage XRays." 2004

COMMUNITY SERVICE

Wound Closure/Suturing skills 2013  
Clinical Correlation lecture

New England Institute of Technology  
East Greenwich, RI

Rhode Island State House Testimony  
Preservation of BEM Airway Training Course

2020-2023

COVID Vaccination Clinic  
Central Falls, RI

2021

Medical Advisory Board, Wickford Yacht Club  
Wickford, RI

2021-present

## RESEARCH

1. Site PI for *Targeted On-Demand Team Performance App Development*.

2017

Multicenter study investigating predictors of team performance using multiple patient scenarios. Study participants included physicians, APP's, nurses, technicians from Rhode Island Hospital, The Miriam Hospital, and Newport Hospital. Lifespan Medical Simulation Center  
Providence, RI.

2. PI for the study: *Commercially available snakebite device reduces bleeding during repair of laceration at a noncompressible site*. Society for Academic Emergency Medicine 2020 Annual Meeting, May 2020. Unfunded basic research performed in collaboration with a residency procedural training protocol in a live swine model.

2020