

October 2023

BRIAN CLYNE, MD, MHL

Business Address: Department of Emergency Medicine
Rhode Island Hospital
593 Eddy Street
Claverick 200
Providence, RI 02903

Business Telephone: 401.444.9891

Business Fax: 401.444.5118

Email: brian_clyne@brown.edu

EDUCATION

Undergraduate	College of The Holy Cross Worcester, Massachusetts Bachelor of Arts, Psychology	1992
Medical School	Dartmouth Medical School Hanover, New Hampshire Preclinical Medical Training	1993-1995
	Brown Medical School Providence, Rhode Island Doctor of Medicine	1997
Advanced Degrees	Brown University Providence, Rhode Island Master of Healthcare Leadership	2018
Additional Training	Association of American Medical Colleges Medical Education Research Certificate	2009-2011
	Harvard Macy Institute Scholar Program for Educators in the Health Professions	2014
	Association of Academic Chairs of Emergency Medicine Chair Development Program	2015-2016
	Alpha Omega Alpha Fellow in Leadership Program	2016-2017
	Brown University School of Professional Studies Leadership and Performance Coaching Certification Program	2020-2021

October 2023

International Coaching Federation Associate Certified Coach	2022
--	------

POSTGRADUATE TRAINING

Residency	University of Maryland Medical System Shock Trauma Center Baltimore, Maryland Emergency Medicine	1997-2000
-----------	---	-----------

POSTGRADUATE HONORS AND AWARDS

Chief Resident in Emergency Medicine	Division of Emergency Medicine University of Maryland Medical System	1999-2000
---	---	-----------

Exemplary Teaching Resident Award	Division of Emergency Medicine University of Maryland Medical System	2000
--------------------------------------	---	------

Fellow, American College of Emergency Physicians	Recognized by national specialty society for academic and clinical achievements.	2003
---	---	------

Outstanding Physician Award	Brown Department of Emergency Medicine For outstanding contributions that advanced our mission.	2009
--------------------------------	---	------

ACEP National Faculty Teaching Award	American College of Emergency Physicians In recognition of outstanding contribution and dedication to the education of physicians, students, and others in Emergency Medicine.	2010
---	---	------

Jacek Franaszek Exemplary Educator Award	Brown Department of Emergency Medicine For exemplifying the highest standards and quality as a medical educator, and making a substantial impact in emergency medicine.	2015
--	--	------

Alpha Omega Alpha (ΑΩΑ) Medical Honor Society	Alpert Medical School Chapter Chosen based on educational excellence, gifted teaching, the development of leaders, humanism, and service to others.	2015
---	--	------

William Keen Award Brown Medical Alumni Association	Awarded to the Brown Physicians, Inc. Board For outstanding contributions to medicine, encompassing research, education, leadership patient care or public health.	2018
---	---	------

October 2023

Dean's Excellence in Teaching Award	Alpert Medical School, Brown University Division of Biology & Medicine In recognition of outstanding teaching efforts.	2018
Brian J. Zink, MD Outstanding Leadership Award	Brown Department of Emergency Medicine Recognizes a faculty member who has demonstrated exceptional abilities to lead, serve, inspire, and collaborate with broad impact.	2018
Hal Jayne Excellence in Teaching Award	Society for Academic Emergency Medicine SAEM's highest national teaching award, honoring outstanding contributions to emergency medicine through teaching and improvement of pedagogy.	2019
Foundation Leadership Award	Brown Department of Emergency Medicine Recognizes the physician(s) who led positive changes to advance Brown Emergency Medicine and the Department. Presented to Telecare Team.	2020
Libby Nestor Outstanding Mentor Award	Brown Department of Emergency Medicine This award recognizes a faculty member who has provided extraordinary mentorship, support, and sponsorship to our faculty and trainees helping to advance their professional careers with significant impact in a meaningful way.	2023

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

ABEM Board Certified in Emergency Medicine	2001-2011
Re-certifications	2011, 2021
Rhode Island Medical License	2000-present
Massachusetts Medical License	2002-present
DEA Controlled Substance Registration	2000-present
DEA Waiver for Buprenorphine	2019-present

ACADEMIC APPOINTMENTS

Clinical Instructor of Medicine Brown Medical School, Brown University	2000-2003
Assistant Professor of Medicine Brown Medical School, Brown University	2003-2004
Assistant Professor of Emergency Medicine	2004-2013

October 2023

Teaching Scholar Track
Alpert Medical School of Brown University

Associate Professor of Emergency Medicine 2013-2021
Teaching Scholar Track
Alpert Medical School of Brown University

Associate Professor of Medical Science 2015-2021
Alpert Medical School of Brown University

Professor of Emergency Medicine 2021-present
Teaching Scholar Track
Alpert Medical School of Brown University

Professor of Medical Science 2021-present
Alpert Medical School of Brown University

HOSPITAL APPOINTMENTS

Attending Physician The Miriam Hospital 2000-present
Department of Emergency Medicine
Providence, RI

Attending Physician Rhode Island Hospital and Hasbro 2002-present
Children's Hospital
Department of Emergency Medicine
Providence, RI

Attending Physician Nantucket Cottage Hospital 2005
Department of Emergency Medicine
Nantucket, MA

Attending Physician Newport Hospital 2019-present
Department of Emergency Medicine
Newport, RI

OTHER APPOINTMENTS

Program Director, Rhode Island Hospital/Alpert Medical School 2005-2013
Emergency Medicine Directed a large, academic EM training program.
Residency Responsible for ensuring the quality of educational
experiences, determining resident competence,
and maintaining compliance with ACGME requirements.
Duties included curriculum planning, recruitment, career
development, and stewardship of resources.

October 2023

Lead Physician, Academy Advising Program	Alpert Medical School of Brown University Led program designed to help students navigate the career decision-making process. Developed an advising curriculum and advisor resources, led regular programming on advising topics, and organized Careers in Medicine events.	2011-2017
Program Director, Medical Education Research Fellowship	Department of Emergency Medicine Rhode Island Hospital and Alpert Medical School. Founder and inaugural director of this fellowship designed to develop experts in medical education and educational research. Approved (accredited) by SAEM as fellowship in Educational Scholarship.	2012-2018
Vice Chair for Education, Department of Emergency Medicine	Alpert Medical School of Brown University Oversight for all EM educational programs— student, resident, fellowship and faculty. Provide leadership to ensure educational quality and compliance with accreditation bodies including LCME, ACGME, and ACCME. Serve as Chair of Education Section, promoting scholarship, providing mentorship, and enhancing collaboration among medical educators.	2013-present
Invited Faculty, Harvard Macy Program	Harvard Macy Program for Educators in the Health Professions. Provided participants with project guidance and mentorship to enhance their expertise in conducting educational scholarship and leadership development.	2014, 2015
Program Chair, Careers in Medicine Steering Committee	Association of American Medical Colleges This national committee provides oversight and recommendations on the ongoing development of Careers in Medicine, a career planning program that guides medical students in the selection of a medical specialty and the application to residency.	2016-2020
Interim Chair, Department of Emergency Medicine	Alpert Medical School of Brown University Provided interim leadership for a large academic department with 110 faculty. Served as Chief of service for four emergency departments with collective annual census of more than 275,000.	2017-2018
Interim President and Chair, Board of Directors	Brown Emergency Medicine Interim president of non-profit practice plan with \$65M operational budget and 400 employees. Established strategic priorities related to billing	2017-2018

and coding, compensation, workforce management, and revenue enhancement.

HOSPITAL COMMITTEES

Simulation Operations Steering Committee	Rhode Island Hospital Medical Simulation Center	2003-2008
---	--	-----------

Graduate Medical Education Committee (GMEC)	Rhode Island Hospital/Lifespan	2005-2013
---	--------------------------------	-----------

GMEC Subcommittees

Chair, Dermatology MOHS Fellowship Program Internal Review	2006
--	------

Chair, Dentistry Residency Program Internal Review	2007
--	------

Chair, Rheumatology Fellowship Program Internal Review	2008
--	------

Selected Program Director Representative, Haffenreffer House Staff Excellence Awards Committee	2008
---	------

Chair, Foot and Ankle Fellowship Program Internal Review	2008
--	------

Selected Program Director Representative, GME Procedural Competence Review Committee	2008
---	------

Selected Program Director Representative, ACGME Focused Institutional Review	2008
---	------

Chair, Nephrology Fellowship Program Internal Review	2009
--	------

Chair, Pediatric Surgery Fellowship Program Internal Review	2011
---	------

Selected Program Director Representative, Plastic Surgery Expedited Review Committee	2011
---	------

Selected Program Director Representative, General Surgery Program Expedited Review	2012
---	------

Chair, Rheumatology Fellowship Internal Review	2012
--	------

Chair, Diagnostic Radiology Program Internal Review	2012
---	------

Program Director Liaison, Brown Minority House Staff Assn.	2013
--	------

October 2023

Medical Executive Committee	Lifespan/Rhode Island Hospital	2017-2018
Emergency Services Executive Council	Lifespan	2017-2018

UNIVERSITY COMMITTEES

Postgraduate Referral Committee	Brown Medical School	2003-2005
Graduate Medical Education Committee	Brown/Alpert Medical School	2005-2013
LCME Self-Study Faculty Committee	Alpert Medical School	2011-2012
Admissions Committee	Alpert Medical School	2013-2017
Oversight Committee Program in Educational Faculty Development	Alpert Medical School	2012-present
Oversight Committee Office of Professional Development	Alpert Medical School	2017-present
Advisory Committee Primary Care-Population Medicine Program	Alpert Medical School	2017-2020
Council of Clinical Chairs Interim member	Alpert Medical School	2017-2018
LCME Self-Study Subcommittee Standard 11: Academic Support & Career Advising	Alpert Medical School	2018-2020
Faculty Search Committee, Executive Master of Health Care Leadership Program	Brown School of Professional Studies	2018-2019

October 2023

Program Advisory Committee, Executive Master of Health Care Leadership Program	Brown School of Professional Studies	2018–2020
---	--------------------------------------	-----------

DEPARTMENTAL COMMITTEES

Education Committee	Department of Emergency Medicine	2003-2005 (member) 2005-2013 (Chair)
Chair, EM Residency Curriculum Committee	Department of Emergency Medicine	2005-2013
Chair, EM Residency Recruitment Committee	Department of Emergency Medicine	2005-2013
Chair, EM Residency Advisory Committee	Department of Emergency Medicine	2005-2013
Executive Committee	Department of Emergency Medicine	2006-present (member) 2017- 2018 (Chair)
Faculty Evaluation Committee	Department of Emergency Medicine	2006-present (member) 2017- 2018 (Chair)
Board of Directors	University Emergency Medicine Foundation	2007-2011
Benefits Committee	University Emergency Medicine Foundation	2007-2017 (member) 2007-2011 (Chair)
Nominating and Governance Committee	University Emergency Medicine Foundation/ Brown Emergency Medicine	2007-present
Faculty Search Committee	Alpert Medical School/ Department of Emergency Medicine	2007-2017
Founder and Chair, Education Section	Department of Emergency Medicine	2013-present
Evaluation and Compensation Committee	University Emergency Medicine Foundation	2014
Chair, Alumni Event Committee	Department of Emergency Medicine	2015-2016

October 2023

Board of Directors	Brown Physicians, Inc./ Alpert Medical School	2017- 2018
Clinical Practice Workgroup	Brown Physicians, Inc./ Alpert Medical School	2017-2018
Faculty Search Committee, Vice-Chair for Academic Affairs	Alpert Medical School/ Department of Emergency Medicine	2017
Clinical Operations Committee	Department of Emergency Medicine	2017-2018
Research Committee	Department of Emergency Medicine	2017-present
Finance Committee	Brown Emergency Medicine	2017-present
Revenue Enhancement Committee	Brown Emergency Medicine	2017-present
Expense Reduction Committee	Brown Emergency Medicine	2017-present
Senior Faculty Promotions Committee	Department of Emergency Medicine	2017-present
Diversity Recruitment Committee	Brown Emergency Medicine	2018-present
Faculty Search Committee, Vice Chair for Pediatric EM	Alpert Medical School/ Department of Emergency Medicine	2019–2020
Chair, External Funding Task Force	Brown Emergency Medicine	2019-2020
Financial Emergency Planning Task Force	Brown Emergency Medicine	2020
Telemedicine Program Leadership Committee	Brown Emergency Medicine	2020
Co-Chair, Telemedicine Program Workflow, Policy & Procedures Work Group	Brown Emergency Medicine	2020

MEMBERSHIP IN SOCIETIES

American College of Emergency Physicians (ACEP)	1999-present
American Academy of Emergency Medicine (AAEM)	2001-2010
AAEM Education Committee	2004-2005
Council of Residency Directors, Emergency Medicine (CORD)	2005-2014
Academic Assembly Planning Committee	2008-2013
Program Information Form (PIF) Best Practices Committee	2009-2010
New Program Director's Track Planning Committee	2010-2013
New Program Director Mentoring Program	2010-2013
Society for Academic Emergency Medicine (SAEM)	2001-present
Undergraduate Education Committee	2005-2006
Education Research Interest Group	2006-2008
Graduate Medical Education Committee	2007-2009
Chair, Faculty Leadership Forum	2015-2016
Faculty Development Committee	2015-2017
Chair, Faculty Development Committee	2016-2017
Association of American Medical Colleges (AAMC)	
Careers in Medicine (CiM) National Steering Committee	2014-2020
Chair, Careers in Medicine (CiM) National Steering Committee	2016-2020
AAMC Group on Educational Affairs (GEA)	2015-present
Leadership in Medical Education Special Interest Group	2015-present
Association of Academic Chairs of Emergency Medicine (AACEM)	2017-2018

PUBLICATION LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Clyne B**, Olshaker JS. The C-Reactive Protein. *Journal of Emergency Medicine*. 1999; 17: 1019-1025.
2. **Clyne B**, Osborn TM. A Case of Traumatic Pneumocephalus. *Journal of Emergency Medicine*. 1999; 17: 1047-1048.
3. **Clyne B**, Jerrard DA. Syphilis Testing. *Journal of Emergency Medicine*. 2000; 18: 361-367.
4. **Clyne B**, Butler K. Management of the Difficult Airway: Alternative Airway Techniques and Adjuncts. *Emergency Medicine Clinics of North America*. 2003; 2: 259-289.
5. Valente JH, Lemke T, Ridlen M, Ritter D, **Clyne B**, Reinert SE. Aluminum foreign bodies: do they show up on xray? *Emergency Radiology*. 2005; 12: 30-33.

6. Shah HH, Gjelsvik A, Kobayashi L, **Clyne B**. Views of Emergency Medicine Trainees on Adverse Events and Negligence: Survey Results from an Emergency Medicine Training Program in a Regional Healthcare System Following the National Standard of Care. 2008. *Advances in Patient Safety: New Directions and Alternative Approaches* (Vol. 2). Rockville (MD): Agency for Healthcare Research and Quality.
7. Boyd J, **Clyne B**, Rienert S, and Zink B. Emergency Medicine Career Choice: A Profile of Factors and Influences from the AAMC Graduation Questionnaires. *Academic Emergency Medicine*. 2009; 16: 544-9.
8. **Clyne B**. Doctoring 1.0. *Academic Emergency Medicine*. 2012; 19: 248.
9. **Clyne B**. Multitasking in Emergency Medicine. *Academic Emergency Medicine*. 2012; 19: 230-231.
10. **Clyne B**, Smith JS, and Napoli A. EM Faculty Teaching Scores Are Not Influenced By Clinical Productivity, Faculty Experience, Or Clinical Workload. *Journal of Graduate Medical Education*. 2012; 4: 434-437.
11. Choo EK, Frenandez R, Hayden E, Schneider J, **Clyne B**, Ginsberg S, and Gruppen L. An Agenda for Increasing Grant Funding of EM Education Research. *Academic Emergency Medicine*. 2012; 19: 1434-1441.
12. McGregor A, Madsen T, and **Clyne B**. Foundations for a Novel Emergency Medicine Subspecialty: Sex, Gender, and Women's Health. *Academic Emergency Medicine*. 2014; 21: 1469-77.
13. **Clyne B**, Rapoza B, and George P. Leadership in Undergraduate Medical Education. Training Future Physician Leaders. *Rhode Island Medical Journal*. 2015; 98(9): 36-40. PMID: 26324974.
14. White J, Riese A, **Clyne B**, VanVleet MW, George P. Integrating Population and Clinical Medicine: A New Third-Year Curriculum To Prepare Medical Students for the Care of Individuals, Panels, and Populations. *Rhode Island Medical Journal*. 2015; 98(9): 32-35. PMID: 26324973.
15. Daniel M, **Clyne B**, Fowler R, Sutton E, Rougas S, Warriar S, Farmer K, Doshi A. Cognitive Apprenticeship: A Roadmap to Improve Clinical Teaching. MedEdPORTAL Publications. 2015. Available from: <https://www.mededportal.org/publication/10245>
http://dx.doi.org/10.15766/mep_2374-8265.10245
16. Rougas S, **Clyne B** Cianciolo AT, Chan TM, Sherbino J, Yarris LM. An Extended Validity Argument for Assessing Feedback Culture. *Teach Learn Med*. 2015; 27(4): 355-8. PMID: 26507990.
17. Neeley SM, **Clyne B**, Resnick-Ault D. The state of leadership education in US medical schools: results of a national survey. *Medical Education Online*. 2017; 22:1.1301697. DOI: 10.1080/10872981.2017.1301697. PMID:28298155.
18. Daniel M, Fowler R, Merritt C, Raukar N, Sutton E, Allen G, **Clyne B**. Creating Effective and Engaging Presentations. *The Clinical Teacher*. 2018; 15(3): 191-196. DOI:10.1111/tct.12712. PMID: 28994512.

19. Linden J, Breaud A, Mathews JS, McCabe K, Schneider J, Liu J, Halpern L, Barron R, **Clyne B**, Smith JL, et al. The intersection of gender and resuscitation leadership experience in Emergency Medicine Residents: a qualitative study. *AEM Educ Train*. 2018; 2(2): 162-168. DOI: 10.1002/aet2.10096. PMID: 30051083.
20. Byyny R, **Clyne B**, Gimpel N, Lane S. AΩA 2017 Fellows in Leadership. *The Pharos*. 2018; 81(1): 12-19.
21. Michael SH, Rougas S, Zhang XC, **Clyne B**. A Content Analysis of the ACGME Specialty Milestones to Identify Performance Indicators Pertaining to the Development of Residents as Educators. *Teach Learn Med*. 2019; 22: 1-10. PMID: 30669871.
22. Merritt C, **Clyne B**. The Inevitable Interim: Transitional Leaders in Academic Medicine. *Academic Medicine*. 2020; 95 (1): 16-19. PMID:31397712.
23. Hartzell J, **Clyne B**, Wolf S, Shah K, Robinson R, and Servey J. Tips for Teaching Leadership in Graduate Medical Education. *The Pharos*. 2019; 82(3): 34-40.
24. Merritt RJ, Baird J, and **Clyne B**. Demographics and Career Intentions Related to Primary Care for Graduating Medical Students in Combined Baccalaureate-MD Programs 2010-2017: An Analysis of American Association of Medical Colleges Graduation (AAMC) Questionnaire Data. *Academic Medicine*. 2020; 96(1):108-112. PMID: 33394662.
25. Kaine J, Moran J, Tanch J, and **Clyne B**. Cerebral and *Plasmodium ovale* Malaria in Rhode Island. *Rhode Island Medical Journal*. 2020 Aug 3;103(6):64-67. PMID: 32752571.
26. **Clyne B**, Barber Doucet H, Brown K, Musits A, Jacobs E, Merritt C, Merritt R, Allister L, Petrone G, Musisca N, Smith JL, Baird J, Mello M. Assessing Procedural Skill Maintenance Needs Among Academic Emergency Physicians. *AEM Educ Train*. 2021 Aug 1;5(4):e10648. doi: 10.1002/aet2.10648. PMID: 34853821; PMCID: PMC8609535.
27. Musits A, Petrone G, Merritt C, Merritt R, Brown L, Wing R, Smith JL, Tubbs RJ, Moretti K, and **Clyne B**. "Faculty Support Bundle for Simulation Teaching." *Clin Teach*. 2022 Apr;19(2):106-111. PMID: 35068067.

BOOKS AND CHAPTERS

1. **Clyne B**, Beauparlant HP. "Pediatric Resuscitation" *Rosen and Barkin's 5-Minute Emergency Medicine Consult*. 2 ed. Lipincott Williams & Wilkens. Philadelphia, PA. 2003.
2. **Clyne B**, McMahon-Downer M. "Pediatric Resuscitation" *Rosen and Barkin's 5-Minute Emergency Medicine Consult*. 3 ed. Lipincott Williams & Wilkens. Philadelphia, PA. 2005.
3. **Clyne B**, Lindquist DL. "Teaching Pearls and Pitfalls: What Works, What Doesn't." In *Practical Teaching in Emergency Medicine*. Eds. Rogers et al. Blackwell Publishing. Oxford. 2009.
4. **Clyne B**, Maughan B. "Pediatric Resuscitation". *Rosen and Barkin's 5-Minute Emergency Medicine Consult*. 4 ed. Lipincott Williams & Wilkens. Philadelphia. 2010. Online textbook chapter <http://5minuteconsult.com/5mc/6635744>.

5. **Clyne B**, Lindquist DL. “Teaching Pearls and Pitfalls: What Works, What Doesn’t.” In *Practical Teaching in Emergency Medicine*. 2nd Ed. Eds. Rogers et al. Blackwell Publishing. Oxford. 2012.
6. Grethlein, SJ, **Clyne B**, McKean E. “Leadership in Health Care” chapter in Health Systems Science textbook. Ed. Susan Skochelak: Elsevier. 2016.
7. Grethlein, SJ, **Clyne B**, McKean E. “Leadership in Health Care” chapter in Health Systems Science textbook. 2nd Ed. Susan Skochelak: Elsevier. 2019.
8. Merritt R and **Clyne B**. “ACLS for Cardiac Arrest.” The Pre-Clerkship Guide 1e. Wolters-Kluwer Health: Medical Education. 2019.
9. Merritt R and **Clyne B**. “ACLS Adult Bradycardia with Pulse.” The Pre-Clerkship Guide 1e. Wolters-Kluwer Health: Medical Education. 2019.
10. Merritt R, **Clyne B**. “Inguinal Hernias.” *Ferri’s Clinical Advisor, 2020 1e*. Elsevier. 2019.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. Butler K, **Clyne B**, Euerle B. "Alternative Devices for the Difficult Airway" *Emergency Medicine Reports*. 2000; Vol 21 (26).
2. Butler K, **Clyne B**, Euerle B. "Alternative Devices for the Difficult Airway" *Emergency Medicine Reports*. 2000; Vol 22 (1).
3. **Clyne B**, Patel B, Schuur J. “Emergency Department Management of Pancreatitis.” *Emergency Medicine Reports*. Vol 24, No. 19 2003.
4. Napoli A, Girard D, **Clyne B**. “Update on Cardiac Biomarkers. *Critical Decisions in Emergency Medicine*. May 2005.
5. Gemme S, **Clyne B**. “Guidelines for the Diagnosis, Treatment, and Prevention of Clostridium Difficile.” *EM Practice Guidelines Update*. March 2014.

CORPORATE AUTHORSHIP OR MULTICENTER TRIALS:

1. Mahaffey KW, Granger CB, Nicolau JC, et al. “Effect of Pexelizumab, an Anti-C5 Complement Antibody, as Adjunctive Therapy to Fibrinolysis in Acute Myocardial Infarction: the COMPLEMENT Inhibition in Myocardial Infarction Treated with ThromboLYtics (COMPLY) Trial.” *Circulation*. 2003; 108 (10): 1176-83. *Site investigator*.
2. Granger CB, Mahaffey KW, Weaver WD, et al. “Pexelizumab, an Anti-C5 Complement Antibody, as Adjunctive Therapy to Primary Percutaneous Coronary Intervention in Acute Myocardial Infarction: the COMPLEMENT Inhibition in Myocardial Infarction Treated with Angioplasty (COMMA) Trial.” *Circulation*. 2003; 108 (10):1184-90. *Site investigator*.

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. **Clyne B**, Barber Doucet H, Aubin C, Bonz J, Munzer B, Pokrajac N, Baird J, Mello M. Faculty Procedural Skills in Academic Emergency Medicine: A Multisite Survey. Submitted to *Academic Emergency Medicine Education and Training*.

ABSTRACTS

1. Olshaker JS, Rolnick M, Bartoo G, Gaasch W, Browne B, Fannin M, Kuo D, Royston A, **Clyne B**. "The Safety and Efficacy of an Emergency Department Controlled Interhospital Critical Care Transport Team." *Annals of Emergency Medicine* 1999; 34: S80. Presented at ACEP Research Forum. Las Vegas, NV. 1999.
2. Jerrard DA, **Clyne B**, Broder J. "Medication Utilization by Emergency Physicians: Dangerous Interactions" *Academic Emergency Medicine* 2000; 7:519a. Presented at SAEM Scientific Assembly. Boston, MA. 2000.
3. Jerrard DA, **Clyne B**, Broder J. "Patients Leaving Without Being Seen: Do Patients Leave Angry?" *Academic Emergency Medicine* 2000; 7: 523b. Presented at SAEM Scientific Assembly. Boston, MA. 2000.
4. **Clyne B**, Gutman D, Sutton E, Kobayashi L, Spitalnic S, Jay G, Shapiro MJ. "Oral Board vs. High-fidelity Simulation for Competency Assessment: Senior Emergency Medicine Resident Management of an Acute Coronary Syndrome." *Academic Emergency Medicine* 2004; 11: 500. Presented at the Society for Technology in Anesthesia International Meeting on Medical Simulation. January 2004.
5. Kobayashi L, Shapiro M, Sullivan F, **Clyne B**, Morchi R, Jay G. "High fidelity medical simulation enhances housestaff satisfaction with ACLS certification and recertification training." Annual International Meeting on Medical Simulation 2004 and Society for Academic Emergency Medicine New England Regional Meeting, 2004.
6. Valente JH, Lemke T, Ridlen M, Ritter D, **Clyne B**, Reinert SE. "Aluminum (AL) Foreign Bodies (FB): Do They Show Up on Standard Radiographs (X-ray)?" *Academic Emergency Medicine* 11: 577-a. 2004.
7. Napoli A, Gutman D, **Clyne B**. "Use of an Audience Response System for Emergency Medicine Resident Board Review." Presented as an Innovation in Education. CORD Annual Assembly. Las Vegas, NV. 2006.
8. Gutman D, **Clyne B**. "WebCT[®]: A Curriculum Management System for Emergency Medicine Training." *Academic Emergency Medicine*. 2006; 13: S210-a. Presented as an Innovation in Emergency Medicine Education. SAEM Scientific Assembly. San Francisco, CA. 2006.
9. Kobayashi L, Nagdev A, **Clyne B**, Gibbs F, Jay G. "Integration of Ultrasound Simulation into Advanced Medical Simulation for Emergency Medicine Resident Training." *Academic Emergency Medicine*. 2006; 13: S210. Presented as an Innovation in Emergency Medicine Education. SAEM Scientific Assembly. San Francisco, CA. 2006.
10. Shah HH, Kobayashi L, Gjelsvik A, **Clyne B**. "Emergency Medicine Residents' Perception of Medical Negligence." Presented at the SAEM New England Regional Meeting. Worcester, MA. 2008.
11. Boyd JS, **Clyne B**, Reinert SE, Zink BJ. "Emergency Medicine Career Choice: A Profile of Influences from the 2005 and 2006 AAMC Graduation Questionnaires." *Annals of Emergency Medicine*. 2008; 52 (4): S67. Presented at ACEP Research Forum. Chicago, IL. 2008.

12. Boyd JS, **Clyne B**, Reinert SE, Zink BJ. "Emergency Medicine Career Choice: A Profile of Influences from the 2005 and 2006 AAMC Graduation Questionnaires." Presented at AAMC Careers in Medicine Professional Development Conference. Savannah, GA. June 2009.
13. **Clyne B**, Smith JS, and Napoli A. "EM Faculty Teaching Scores Are Not Influenced by Clinical Productivity, Faculty Experience, Or Clinical Workload." Presented at CORD Conference. Orlando, FL. March 2010.
14. **Clyne B**, Smith JS, and Napoli A. "EM Faculty Teaching Scores Are Not Influenced By Clinical Productivity, Faculty Experience, Or Clinical Workload." Oral Presentation at SAEM Conference. Phoenix, AZ. June 2010.
15. **Clyne B**, Zink BJ. "The Emergency Medicine Workforce-Analysis and Projections" Presented at the AAMC Physician Workforce Research Conference Washington, DC. May 2013.
16. **Clyne B**. "A MODEL Leadership Program; Addressing Medicine's Obligation to Develop Effective Leaders." Presented at the Harvard Macy Institute's *Showcasing Scholars Innovations* at the AAMC Annual Meeting, Chicago, IL. September 2014.
17. Daniel M, Rougas S, Warriar S, Fowler R, Farmer K, **Clyne B**. Cognitive apprenticeship: A roadmap to improve clinical teaching. Medical Education Scholarship Seminar, AMS, Providence, RI. April 2015.
18. Rougas S, **Clyne B**. Measuring an organization's culture of feedback: Can it be done? Medical Education Scholarship Seminar, AMS, Providence, RI, April 2015.
19. Rougas S, **Clyne B**. "Measuring an organization's culture of feedback; can it be done?" Presented as a Short Communication at the Northeast Group on Educational Affairs (NEGEA) Annual Retreat. Worcester, MA. April 2015.
20. Rougas S, **Clyne B**. Dollase R. "Developing a Medical Education Research Fellowship (MERF) for post-residency graduates." Presented as a Short Communication at the Northeast Group on Educational Affairs (NEGEA) Annual Retreat. Worcester, MA. April 2015.
21. Green E, **Clyne B**. "MedEd Talks!": Using Small Presentations to Convey Big Ideas in Medical Education." Presented as short communication, Northeast Group on Educational Affairs (NEGEA) Annual Retreat. Worcester, MA. April 2015.
22. Mackenzie D, Smith JL, and **Clyne B**. "Effect of Resident Training and Experience on Time to Evaluate and Disposition Emergency Department Patients." Presented at the ACEP Research Forum. Denver, CO. October 2015.
23. McKean EL, Cutrer WB, **Clyne B**, Henderson M. "Leadership Training and Assessment in Undergraduate Medical Education." Presented as a Design Shop session at the AMA Change MedEd Conference. Chicago, IL. October 2015.
24. **Clyne B**, Neeley S, Resnick-Ault D. "The State of Undergraduate Leadership Curriculum in the US." Research Abstract presented at the AAMC Medical Education Meeting. Baltimore, MD. November 2015.
25. Mathews J, Breaud A, Mitchell P, Dempsey M, Kauffman D, Schneider J, McCabe, K, **Clyne B**, Smith J, Barron R, Dechert T, Halpern L, and Linden J. "She Said, He Said - Resident

- Perceptions of Gender and Leadership in Acute Resuscitations: A Qualitative Analysis.” Presented at CORD Academic Assembly. Nashville, TN. March 2016.
26. Mathews J, Breaud A, Mitchell P, Dempsey M, Kauffman D, Schneider J, McCabe, K, **Clyne B**, Smith J, Barron R, Dechert T, Halpern L, and Linden J. “She Said, He Said - Resident Perceptions of Gender and Leadership in Acute Resuscitations: A Qualitative Analysis.” Presented at the New England Regional SAEM Meeting. Worcester, MA. March 2016.
 27. Barron R, Madsen T, Greenberg M, Beauchamp G, McGregor A, Caldwell M, Walter L, and **Clyne B**. “A Sex and Gender Toolkit for Emergency Medicine Residency Educators.” Presented at the NEGEA Annual Retreat, Providence, RI. April 2016.
 28. **Clyne B**, Tubbs R, Smith J, Michael S, Rougas S. “Beyond information transfer: interactive techniques to engage your learners.” Poster presentation and workshop. NEGEA Annual Retreat, Providence, RI. April 2016.
 29. Quinn, J, Barraco R, Grunberg N, Mcmanigle J, Schoomaker E, **Clyne B**, and McKean E. “Leadership in Medical Education: Who, What, When, Where and Why?” Presented at the NEGEA Annual Retreat, Providence, RI. April 2016.
 30. Barron R, Madsen T, Greenberg M, Beauchamp G, McGregor A, Caldwell M, Walter L, and **Clyne B**. “Sex and Gender Medicine in Emergency Medicine (SGEM): A Residency Elective.” Presented at the NEGEA Annual Retreat, Providence, RI. April 2016.
 31. Michael S, Zhang XC, Rougas S, **Clyne B**. “The Teaching Milestone: A Forgotten Marker in Graduate Medical Education?” Presented at the NEGEA Annual Retreat, Providence, RI. April 2016.
 32. Mathews J, Breaud A, Mitchell P, Dempsey M, Kauffman D, Schneider J, McCabe, K, **Clyne B**, Smith J, Barron R, Dechert T, Halpern L, and Linden J. “She Said, He Said - Resident Perceptions of Gender and Leadership in Acute Resuscitations: A Qualitative Analysis.” Presented at the NEGEA Annual Retreat, Providence, RI. April 2016.
 33. Kauffman D, Mathews J, Breaud A, Mitchell P, Dempsey M, Schneider J, McCabe, K, **Clyne B**, Smith J, Barron R, Dechert T, Halpern L, and Linden J. “When Self-doubt Affects Wellbeing: The Ongoing Need to Address Imposter Syndrome in Residency Programs.” Podium presentation at the Association for Surgical Education Annual Meeting, Boston, MA. April 2016.
 34. Mathews J, Breaud A, Mitchell P, Dempsey M, Kauffman D, Schneider J, McCabe, K, **Clyne B**, Smith J, Barron R, Dechert T, Halpern L, and Linden J. “She Said, He Said - Resident Perceptions of Gender and Leadership in Acute Resuscitations: A Qualitative Analysis.” Lightning oral presentation at the SAEM Annual Meeting, New Orleans, LA. May 2016.
 35. Hudepohl N and **Clyne B**. “Leadership in Health Care: An Approach to Training Future Physician Leaders.” Presented as an oral abstract innovation at the SAEM Annual Meeting, Orlando, FL. May 2017.
 36. Michael S, Zhang XC, Rougas S, and **Clyne B**. “Development of Educators in Emergency Medicine: Rare and Aspirational?” Presented at the SAEM Annual Meeting, Orlando, FL. May 2017.

37. Hudepohl N and **Clyne B**. “Leadership in Health Care: Lessons Learned from Three Years Refining a Student Leadership Course.” Presented as an oral abstract innovation at the SAEM Annual Meeting, Las Vegas, NV. May 2019.
38. Hudepohl N, **Clyne B**, and Kler S. “*Leadership in Healthcare: Lessons Learned from Three Years Teaching a Student Leadership Course.*” Presented at the Alpert Medical School Program in Educational Faculty Development, Medical Education Scholarship Poster Session. Providence, RI. May 2019.
39. Merritt RJ, **Clyne B**, and Baird J. Demographics and Career Intentions of Medical Students Enrolled in Combined Baccalaureate-MD Programs 2010-2017: An Analysis of American Association of Medical Colleges Graduation Questionnaire Data. Presented as an oral abstract at the Brown Emergency Medicine Research Symposium. Providence, RI. May 2019.
40. Musits A, Petrone G, Merritt C, Merritt RJ, Brown L, Wing R; Smith JL, Tubbs, R, and **Clyne B**. Faculty Engagement in Resident Simulation: Barriers and Proposed Solutions. New England Regional SAEM Meeting. March 2020.
41. Merritt C, Musits A, Petrone G, Merritt R, Brown L, Wing R, Smith JL, Tubbs RJ, and **Clyne B**. “We Got Engaged! A Faculty Support Bundle to Increase Engagement in Simulation Teaching.” Selected as a Top What Works abstract for presentation at the International Conference on Residency Education. Vancouver, BC. September 2020.
42. **Clyne B**, Barber Doucet H, Brown L, Musits A, Merritt, C. Merritt R. Smith JL, Jacobs E, Allister L, Musisca N, Petrone G, Baird J, Mello M. “Procedural Skill Maintenance Needs Among Academic Emergency Physicians.” New England Regional SAEM Virtual Meeting. April 2021.
43. **Clyne B**, Barber Doucet H, Brown L, Musits A, Merritt, C. Merritt R. Smith JL, Jacobs E, Allister L, Musisca N, Petrone G, Baird J, Mello M. “Assessing Content Validity of a Faculty Procedural Skills Survey.” New England Regional SAEM Virtual Meeting. April 2021.
44. **Clyne B**, Barber Doucet H, Brown L, Musits A, Merritt, C. Merritt R. Smith JL, Jacobs E, Allister L, Musisca N, Petrone G, Baird J, Mello M. “Procedural Skill Maintenance Needs Among Academic Emergency Physicians.” SAEM21 Virtual Meeting. May 2021.
45. **Clyne B**, Barber-Doucet H, Brown L, Musits A, Merritt, C. Merritt R. Smith JL, Jacobs E, Allister L, Musisca N, Petrone G, Baird J, Mello M. “Assessing Content Validity of a Faculty Procedural Skills Survey.” SAEM21 Virtual Meeting. May 2021.
46. Musits A, Wyng R, Smith, JL, Petrone G, **Clyne B**, Merritt C. “A National Survey of EM Residencies' Early Remote Learning in Response to COVID-19 Distancing Mandates.” SAEM21 Virtual Meeting. May 2021.
47. Clyne B, Barber Doucet H, Aubin C, Bonz J, Munzer B, Pokrajac N, Baird J, Mello M. “Faculty Procedural Skills in Academic Emergency Medicine: A Multisite Survey.” Presented at ACEP Research Forum. October 2022.
48. Knopov A, Hess S, Musits A, Petrone G, Clyne B, Baird J, Dwyer KH. “Sonographer Educator in the Emergency Department: Evaluation of a Novel Education Intervention.” Presented at the Council of Residency Directors in Emergency Medicine (CORD EM); Las Vegas, NV. March 2023.

October 2023

49. Kerrigan D, Hess S, Knopov, A, Savarion J, Ebert E, Pai J, Lipner K, and Clyne B. Creation of a Residency-Based Medical Student Education Committee.” Presented at the Council of Residency Directors in Emergency Medicine (CORD EM); Las Vegas, NV. March 2023.
50. Kerrigan D, Hess S, Knopov, A, Savarion J, Ebert E, Pai J, Lipner K, and Clyne B. Creation of a Residency-Based Medical Student Education Committee.” Presented at the Society of Academic Emergency Medicine (SAEM) annual meeting; Austin TX. May 2023.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

1. Brown Emergency Medicine Residency Program Website
Lead Author, Project Director
Initial revision in 2009 with subsequent revision in 2012
www.brown.edu/academics/medical/about/departments/emergency-medicine/residency/
2. Featured Expert Career Advisor
Choices Newsletter January 8, 2014
An online publication of the AAMC’s Careers in Medicine Program
[Hawks versus Doves: An inside look at the resident selection process](#)
3. Faculty Factory Podcast Featured Guest; **Brian Clyne** Interview by Kimberly A. Skarupski, February 16, 2022. *Faculty Factory* [Audio podcast]. Retrieved from <https://facultyfactory.org/podcast/#episode191> [facultyfactory.org]
4. Lead Physician weekly featured expert. **Brian Clyne** interviewed by Elsie Koh. April 3, 2022 on Physician Leadership Coaching. *Lead Physician* video podcast. Retrieved from <https://www.youtube.com/watch?v=YAbCjRtBsDk>

INVITED PRESENTATIONS

Local

1. “Innovations in Medical Education” Faculty Development Academic Retreat and CME Conference, Department of Emergency Medicine. Newport, RI. October 2005.
2. “Implementing Change: The Future of Emergency Medicine at Brown.” Innovations in Medical Education Faculty Development Academic Retreat and CME Conference, Department of Emergency Medicine, Rhode Island Hospital; Newport, RI. October 2005.
3. “Careers in Emergency Medicine” Expert Panel Member. Brown University Medical School 40 students. Providence, RI. February 2006.
4. “Dealing with Problem Residents” Lifespan Graduate Medical Education Workshop, Rhode Island Hospital. Providence, RI. October 2006.

5. "Roadmap to Residency Success Workshop" Co-founder and Expert Panel Member. Brown University Medical School. 25 students. Providence, RI. April 2007.
6. "Careers in Emergency Medicine" Expert Panel Member. Emergency Medicine Interest Group. Brown University Medical School. 40 students. September 2007.
7. "The Top 10 Intern Pitfalls" Presented at the Roadmap to Residency Success Workshop. Alpert Medical School. 30 students. Providence, RI. March 2008.
8. "Careers in Emergency Medicine" Expert Panel Member. Emergency Medicine Interest Group. Brown University Medical School. 70 students. Providence, RI. December 2008.
9. "The Top 10 Intern Pitfalls" Presented at the Roadmap to Residency Success Workshop. Alpert Medical School. 35 students. Providence, RI. April 2009.
10. "The Art of Providing Feedback to Residents and Medical Students." Department of Emergency Medicine, Rhode Island Hospital, Faculty Development Session, Providence, RI. June 2009.
11. "Interviewing Skills Workshop" Alpert Medical School. 60 students. October 2009.
12. "What Does the MD Mean?" Careers in Medicine Lecture Series. Alpert Medical School. 50 students. October 2009.
13. "The Future of Emergency Medicine Education." Department of Emergency Medicine Grand Rounds, Rhode Island Hospital. Providence, RI. October 2009.
14. "Careers in Emergency Medicine" Expert Panel Member. Emergency Medicine Interest Group. Brown University Medical School. 70 students. Providence, RI. November 2009.
15. "Critical Care Fellowship Difficult Airway Course." Course co-director, Department of Emergency Medicine, Rhode Island Hospital, Providence, RI. December, 2009.
16. "The Top 10 Intern Pitfalls" Presented at the Roadmap to Residency Success Workshop. Alpert Medical School. 45 students. Providence, RI. April 2010.
17. "The Habits of Highly Successful Educators." Faculty Development Workshop, Department of EM Faculty Retreat. Providence, RI. May 2010.
18. "The Top 10 Intern Pitfalls" Presented at the Roadmap to Residency Success Workshop. Alpert Medical School. 45 students. Providence, RI. March 2011.
19. "Leadership Across Generations" SAEM Didactic Session. Boston, MA. June 2011.
20. "Presenting to Change the World" Faculty Development Workshop, Department of EM Faculty Retreat, Rhode Island Hospital. Providence, RI. May 2011.
21. "Interviewing Skills Workshop." Alpert Medical School. 50 students. Providence, RI. October 2011.
22. "Beyond PowerPoint: Creating and Delivering Great Presentations" Alpert Medical School Program in Educational Faculty Development. Providence, RI. October 2012.
23. "Preparing Your CV and Personal Statement" Careers in Medicine Programming Series. Alpert Medical School. 35 students. Providence, RI. June 2013.
24. "Careers in Emergency Medicine" Expert Panel Member. Alpert Medical School. 90 students. Providence, RI. October 2013.
25. "Making Your Career Decision." Careers in Medicine Programming Series. Alpert Medical School. 25 students. Providence, RI. January 2014.

26. "Preparing Your CV and Personal Statement." Careers in Medicine Programming Series. Alpert Medical School. 50 students. Providence, RI. June 2014.
27. "Your Medical Career – How to Assess, Explore, Decide and Implement." Careers in Medicine Kickoff Event. Alpert Medical School. 120 students. Providence, RI. September 2014.
28. "Preparing For Your Residency Interviews." Careers in Medicine Programming Series. Alpert Medical School. 80 students. Providence, RI. September 2014.
29. "Cognitive Apprenticeship: A Roadmap to Improve Clinical Teaching." Department of Emergency Medicine Know & Grow Faculty Development Workshop. Providence, RI. February 2015.
30. "Preparing Your CV and Personal Statement." Careers in Medicine Programming Series. Alpert Medical School. 50 students. Providence, RI. June 2015.
31. "Your Medical Career – How to Assess, Explore, Decide and Implement." Careers in Medicine Kickoff Event. Alpert Medical School. 140 students. Providence, RI. August 2015.
32. "Preparing For Your Residency Interviews." Careers in Medicine Programming Series. Alpert Medical School. 80 students. Providence, RI. September 2015.
33. "Leading Change." Longitudinal Integrated Clerkship Pilot Program. Alpert Medical School. Providence, RI. September 2015.
34. "Beyond Information Transfer: Active Learning Techniques to Engage Your Learners." Alpert Medical School Program in Educational Faculty Development. Providence, RI. September 2015.
35. "Preparing Your CV and Personal Statement." Careers in Medicine Programming Series. Alpert Medical School. 70 students. Providence, RI. June 2016.
36. "Leadership in Health Care." Core module in MED 2046: Leadership in Health Care master's course for Primary Care-Population Health program. Alpert Medical School. 15 students. Providence, RI. September 2016.
37. "Leaders as Change Agents." Core module in MED 2046: Leadership in Health Care master's course for Primary Care-Population Health program. Alpert Medical School. 15 students. Providence, RI. September 2016.
38. "Preparing For Your Residency Interviews." Careers in Medicine Programming Series. Alpert Medical School. 80 students. Providence, RI. October 2016.
39. "Specialty Focus: Emergency Medicine." AMS Careers in Medicine Panel Series. 120 students. Providence, RI. October 2016.
40. "Top Tech Tools for the Medical Educator." AMS Program in Educational Faculty Development. 39 participants. Providence, RI. October 2016.
41. "Leading from the Middle: Developing Influence in Complex Organizations." Core module in MED 2046: Leadership in Health Care master's course for Primary Care-Population Health program. Alpert Medical School. 15 students. Providence, RI. November 2016.
42. "Making Good Career Decisions." Careers in Medicine Core Program. Alpert Medical School. 100 students. Providence, RI. January 2017.
43. "Preparing Your Residency Rank List." Careers in Medicine Core Program. Alpert Medical School. 130 students. Providence, RI. January 2017.

44. "Preparing Your CV and Personal Statement." Careers in Medicine Programming Series. Alpert Medical School. 70 students. Providence, RI. June 2017.
45. "Your Medical Career – How to Assess, Explore, Decide and Implement." Careers in Medicine Kickoff Event. Alpert Medical School. 130 students. Providence, RI. September 2017.
46. "Introduction to Leadership in Health Care." Core module in MED 2046: Leadership in Health Care master's course for Primary Care-Population Health program. Alpert Medical School. 23 students. Providence, RI. September 2017.
47. "Leaders as Change Agents." Core module in MED 2046: Leadership in Health Care master's course for Primary Care-Population Health program. Alpert Medical School. 23 students. Providence, RI. September 2017.
48. "Your Medical Career – How to Assess, Explore, Decide and Implement." Careers in Medicine Kickoff Event. Alpert Medical School. 130 students. Providence, RI. September 2017.
49. "Specialty Focus: Emergency Medicine." Alpert Medical School Careers in Medicine Lunch Series. 120 students. Providence, RI. September 2017.
50. Personal Testimony to Rhode Island General Assembly's Health, Education, and Welfare Committee regarding H5267, "A Proposal to Eliminate Procedural Training on Live Animals in Medical Education." February 2019.
51. "Emotionally Intelligent Leadership." Presented at the Brown Emergency Medicine Fellows Career Development Series. April 2019.
52. "Submitting Your EM Applications." Department of Emergency Medicine Student Specialty Advising Series. September 2019.
53. "Specialty Focus: Emergency Medicine." Alpert Medical School Careers in Medicine Lunch Series. 120 students. Providence, RI. September 2019.
54. "Leadership Lessons from the Clinical Years." Core module session for MED 2046: Leadership in Health Care master's course for Primary Care-Population Medicine program. Alpert Medical School. 24 students. Providence, RI. October 2019.
55. "Preparing for Your EM Interviews." Department of Emergency Medicine Student Specialty Advising Series. October 2019.
56. "Teaching Procedural and Technical Skills: A Practical Workshop." AMS Program in Educational Faculty Development. 30 participants. Providence, RI. February 2020.
57. Personal Testimony to Rhode Island General Assembly's Judiciary Committee regarding House Bill H-7211 "A Proposal to Eliminate Procedural Training on Live Animals in Medical Education." February 25, 2020.
58. Brown Emergency Medicine Journal Club Guest Facilitator. "Procedural Skills Attrition in EM." October 2020.
59. "Preparing for Your EM Interviews." Department of Emergency Medicine Student Specialty Advising Series. October 2020.
60. "Preparing Your Rank Order List." Department of Emergency Medicine Student Specialty Advising Series. February 2021.

October 2023

61. "Applying for Residency in Emergency Medicine." Department of Emergency Medicine Student Specialty Advising Series. March 2021.
62. "Critical Junctures: Creating High Impact Advising Conversations." AMS Program in Educational Faculty Development Series. 25 participants. April 2021.
63. "Preparing Your CV and Personal Statement." Careers in Medicine Programming Series. Alpert Medical School. 70 students. Providence, RI. June 2021.
64. "Case Studies in Healthcare Leadership." Core module session for MED 2046: Leadership in Health Care master's course for Primary Care-Population Medicine program. Alpert Medical School. 20 students. Providence, RI. August 2021.
65. "Preparing for Your EM Interviews." Department of Emergency Medicine Student Specialty Advising Series. September 2021.
66. "Specialty Focus: Emergency Medicine." Alpert Medical School Careers in Medicine Series. Providence, RI. 100 students. September 2021.
67. "Leadership Coaching for Healthcare Professionals." Alpert Medical School Office of Professional Development Core Series. March 2022.
68. "Submitting Your EM Applications." Department of Emergency Medicine Student Specialty Advising Series. August 2022.
69. "Case Studies in Healthcare Leadership." Core module session for MED 2046: Leadership in Health Care master's course for Primary Care-Population Medicine program. Alpert Medical School. October 2022.
70. "Specialty Focus: Emergency Medicine." Alpert Medical School Careers in Medicine Series. Providence, RI. November 2022.
71. "The Leader as Coach." Presented at the EM Healthcare Leadership & Administration fellowship program core series. February 2023
72. "The Leader as Coach." Presented as a core module for MED 2046: Leadership in Health Care master's course for Primary Care-Population Medicine program. Alpert Medical School. September 2023

Regional

1. "Advanced Airway Skills." Conference Co-Director. Rhode Island ACEP Regional Conference; Newport, RI. August 2003.
2. "The Difficult Airway." Rhode Island ACEP Regional Conference; Newport, RI. August 2003.
3. "Office Emergencies for Oral Surgeons." Simulation-Based Airway Management. Two courses: 10 participants each. Providence, RI. February and May 2014.
4. "Fact, Fiction, and Future Directions in Physician Leadership Education." Grand Rounds. Boston Medical Center Department of Emergency Medicine. Boston, MA. February 2015.
5. "Enhancing Presentations with Active Learning Strategies." Faculty Development Workshop. Boston Medical Center Department of Emergency Medicine. Boston, MA. February 2015.

October 2023

6. “Cricothyrotomy” instructor. RI ACEP Difficult Airway Course. Providence, RI. November 2016.

National

1. “Challenges in Medical Student Education” Keynote Presentation, Alumni Day. University of Maryland Emergency Medicine Residency. Baltimore, MD. August 2004.
2. “Getting the Most Out of Your EM Clerkship.” SAEM Medical Student Symposium, Chicago, IL. May 2007.
3. Defining and Responding to “Lifestyle” as a Factor in Medical Student Career Choice. AAMC Careers in Medicine Professional Development Conference. Savannah, GA. June 2009.
4. “Leadership from Within-Enhancing Your Natural Ability” SAEM Didactic Session, Co-presenter and small group facilitator, Phoenix, AZ. June 2010.
5. “What Kind of Program Director Do I Want to Be?” CORD Academic Assembly; Atlanta, GA. April 2012.
6. “Leadership Across Generations.” SAEM Didactic Session. Chicago, IL. May 2012.
7. “An Agenda for Increasing Funding of EM Education Research.” SAEM Consensus Conference. Chicago, IL. May 2012.
8. “Getting the Right People on the Bus-Best Practices in Resident Recruitment” CORD Academic Assembly. Denver, CO. March 2013.
9. “First Impressions and Interpersonal Communication.” SAEM Senior Leadership Forum. Atlanta, GA. May 2013.
10. “Beyond PowerPoint: Exceptional Presentation Skills.” SAEM Senior Leadership Forum. Atlanta, GA. May 2013.
11. “The Emergency Medicine Workforce-Analysis and Projections.” Ninth Annual AAMC Physician Workforce Research Conference. Washington, DC. May 2013.
12. “Leading Through Change: Becoming A Change Agent.” SAEM Didactic Session. Dallas, TX. May 2014.
13. “Leadership Blind Spots.” SAEM Didactic Session. San Diego, CA. May 2015.
14. “Cognitive Apprenticeship: A Roadmap to Improve Clinical Teaching.” SAEM Didactic Session. San Diego, CA. May 2015.
15. “Tech Tools: Top 10 Apps and Electronic Resources for the Medical Educator.” SAEM Annual Meeting, Didactic presentation. New Orleans, LA. May 2016.
16. “Leadership Blind Spots: Revealing and Overcoming Hidden Weaknesses.” SAEM Annual Meeting, Didactic presentation. New Orleans, LA. May 2016.
17. “Experiences with the Alpert Medical School Leadership Curriculum: Lessons Learned and Future Plans.” Uniformed Service University of the Health Sciences. Leadership Summit. Bethesda, MD. April 2017.
18. “Where Did All the Leaders Go?: Overcoming the Barriers to Physician Leadership.” Baylor Department of Emergency Medicine Grand Rounds. Houston, TX. April 2017.

19. "Leading from the Middle: Influencing Change in Healthcare Organizations." Baylor Department of Emergency Medicine Faculty Retreat. Houston, TX. April 2017.
20. "Back to the Bedside: Improving Clinical Teaching in the ED." Baylor Department of Emergency Medicine Faculty Retreat. Houston, TX. April 2017.
21. "Leading from the Middle: Influencing Change in Healthcare Organizations." Mt. Sinai Department of Emergency Medicine Grand Rounds. Inaugural speaker for the O'Kane Leadership Series. New York, NY. April 2017.
22. "Presentation Skills: The 60 Second Presentation." Certification in Academic Emergency Medicine Administration (CAEMA), Academy of Administrators in Academic Emergency Medicine (AAAEM), Annual Retreat, San Diego, CA. March 2018.
23. "Transition UME to GME." AAMC Continuum Connections Meeting, Hyatt Regency Orlando, Orlando, FL, April 2018.
24. "Comparing Apples to Apples: Analyzing Wildly Different Yet Effective Career Advising Programs." AAMC Continuum Connections Meeting, Hyatt Regency Orlando, Orlando, FL, May 2018.
25. "Leadership in Medical Education: Training Tomorrow's Physician-Leaders", Executive Master of Healthcare Leadership, Brown University School of Professional Studies, Providence, RI. December 2018.
26. "Case Study in Interim Leadership." Presented at the Alpha Omega Alpha (ΑΩΑ) Leadership Community of Practice Conference. Denver, CO. February 2019.
27. "Learning Practices for Developing Leaders: Mindful Engagement." University of Michigan Medical School. Student Leadership Program speaker series. September 2019.
28. "Critical Conversations: Communicating When the Stakes are High." University of Michigan Department of Emergency Medicine Faculty Development series. September 2019.
29. "Improving Teamwork in Healthcare." A simulation-based workshop for the Brown Executive Master in Healthcare Leadership (EMHL) Cohort 7. 23 participants. January 2020.
30. "Improving Teamwork in Healthcare." A simulation-based workshop for the Brown Executive Master in Healthcare Leadership (EMHL) Cohort 8. 18 participants. September 2021.
31. "The Chair as Coach." Presented to the AACEM Chair Development Program. December 2021.
32. "Improving Teamwork in Healthcare." A simulation-based workshop for the Brown Executive Master in Healthcare Leadership (EMHL) Cohort 9. 17 participants. September 2022.
33. "The Leader as Coach." Presented to the AACEM Chair Development Program at SAEM. May 2023
34. "High Stakes Teamwork." A simulation-based workshop for the Brown Executive Master in Healthcare Leadership (MHL) Cohort 10. 20 participants. September 2023.

Academic Emergency Medicine

2007-present

Journal of Emergency Medicine

2007-present

October 2023

Academic Emergency Medicine, Education and Training 2018-present

GRANT REVIEW ACTIVITIES

Reviewer, Brown Emergency Medicine 2014-2018
Academic Development
Award Program

Reviewer, Brown Emergency Medicine 2018-present
Faculty Innovation
Grant Program

GRANTS

UEMF Academic Development Award 2016
\$80,000 over 2 years.

The Faculty Leadership Academy: A Program For Emerging Academic Leaders
Program funded through a (ADA), designed to support the academic development of established faculty members within the Department of Emergency Medicine.

UNIVERSITY TEACHING, ADVISING, AND MENTORING ROLES

TEACHING

Course Director and Brown Medical School 2001-2005
Instructor, Organized and coordinated course and
ACLS led airway skills section. 90 students/year

Assistant Course Director, Brown Medical School 2002-2004
EM562 Clinical Elective Served as Assistant Director of Student
Education in the Department of Emergency
Medicine. Miriam Hospital Site coordinator
student EM elective. 50 students/year

Course Director, Brown Medical School 2004-2005
EM562 Clinical Elective Served as Director of Student Education in
the Department of Emergency Medicine. Directed
all aspects of the student EM elective, including
curriculum design, scheduling, clinical supervision,
leading case conferences and simulation sessions.
Provided feedback and evaluations, career advising,
and letters of recommendation. 50 students/year

Course Director, Preclinical Elective	Alpert Medical School Course creator for <i>Physician Leadership: Essential Skills for Tomorrow's Health Care Leaders</i> . Mentored AMS student Rory Merritt '13 in curriculum development. 10 students	2013-2014
Course Founder, Director and Instructor, <i>MED2046</i>	Alpert Medical School Founded, developed and directed <i>Leadership in Health Care</i> , a Master's level course and one of the core courses in the Primary Care-Population Medicine (PC-PM) program. 20 students/year	2015-2019

ADVISING AND MENTORING ROLES

Specialty Career Advisor	Brown Medical School/Alpert Medical School Career advisor to all students pursuing careers in Emergency Medicine. 8-14 students/year	2001-2020
Faculty Liaison, Emergency Medicine Interest Group	Brown Medical School 20 students/year	2003-2005
Featured Faculty, Careers in Medicine Seminar Series	Brown Medical School/Alpert Medical School Present annually to MS1s and MS2s about careers in Emergency Medicine. 100 students/year	2006-present
Lead Physician, Academy Advising Program	Alpert Medical School Served as primary faculty advisor for 10-20 AMS students per year. Provided longitudinal mentorship, coaching, career planning advice, and professional development. Provided comprehensive career guidance: interpreting student self-assessments; helping to explore career options; scheduling electives; preparing residency application materials; mock interviews; and strategic planning for the match.	2011-2017

Alpert Medical School Student Advisees

Jeremy Boyd	2005-2009	Andre Anderson	2011-2015
Benjamin Schnapp	2007-2011	Avery Clark	2011-2015
Zachary Drapkin	2008-2012	Hannah Janeway	2011-2015
Nachi Gupta	2009-2013	Aron Mohan	2011-2015
Rory Merritt	2009-2013	Daniel Resnick-Ault	2011-2015

Jonathan Thorndike	2011-2015	Michael Yacovelli	2013-2017
Ted Albright	2012-2016	Armon Ayandeh	2014-2018
Shihab Ali	2012-2016	Alexandre Boulos	2014-2018
William Berk	2012-2016	Ryan Clodfelter	2014-2018
Jason Bowman	2012-2016	Amanda Liu	2014-2018
Chris DeFreitis	2012-2016	Nabil Mehta	2014-2018
Marie DeLuca	2012-2016	Eian Prohl	2014-2018
Paul Herman	2012-2016	Jason Sarte	2014-2018
Jeffrey Kimm	2012-2016	Aaron Shapiro	2014-2018
Andrew Loftus	2012-2016	Tram Tran	2014-2018
Jack Ludwig	2012-2016	Yuqi Zhang	2014-2018
Edward Re	2012-2016	Ananya Anand	2015-2019
Ravi Sarpatwari	2012-2016	Maya Ayoub	2015-2019
Amy Walker	2012-2016	Kimberly Bowerman	2015-2019
Elisa Wing	2012-2016	Nathan Coppersmith	2015-2019
Michael Bohl	2013-2017	Adrian Cotarelo	2015-2019
Alanna Darling	2013-2017	Michelle Diop	2015-2019
Maurice Hajjar	2013-2017	Cari Hampton	2015-2019
Chris Hasslinger	2013-2017	Yao Liu	2015-2019
Elana Hayasaka	2013-2017	Austin Tam	2015-2019
Sarah Iosifescu	2013-2017	Alexander Tran	2015-2019
Brian Kwan	2013-2017	Caroline Burke	2016-2020
Sean Love	2013-2017	A. Gorvitovskaia	2016-2020
Sarah Norton	2013-2017	Denise Marte	2016-2020
Daniel Patino-Calle	2013-2017	Peter Mattson	2016-2020
Nery Porras	2013-2017	Michael McGary	2016-2020
Caitlin Ryus	2013-2017	Christiana Prucnal	2017-2020
Sachin Santhakumar	2013-2017	Ade Osinube	2020-2022
Gagandeep Singh	2013-2017	Joshua Hughes	2020-2022
Keegan Skidmore	2013-2017	Kelsey Hopkins	2021-present
Abdul Wasey	2013-2017		

Preceptor, Introduction to Medicine So You Want to be a Doctor? Brown University Summer@Brown annual pre-college student shadowing program 2012-2019

Director, EM Student Advising Program Department of Emergency Medicine Established this departmental-based advising program for specialty-specific student advising, programming, and career planning resources. 10-14 students/year 2018-present

Preceptor, Longitudinal Emergency Medicine Clerkship Alpert Medical School Christiana Prucnal AMS MD Class of '21 2020-2021

CURRICULA DEVELOPED

<i>Leadership in Medicine</i>	Alpert Medical School Preclinical Elective. This course was designed for preclinical students in response to the changing healthcare system and the imperative to develop capable physician leaders. It aligns with the AMS Nine Abilities framework, and vision to “attract, inspire, and cultivate the leading scholars in biology, medicine, and public health.” The course employed case method format, small groups, and seminars to deepen learners’ competence with critical thinking, communication, conflict management, negotiation, leading change, developing others, and team dynamics. Approved by the AMS curriculum committee Fall 2012. This curriculum was presented as a Design Shop session at the AMA Change MedEd Conference. Chicago, IL. October 2015.	2012-2015
Careers in Medicine Advising Curriculum	Alpert Medical School Created the career advising curriculum, designed presentations, and developed supporting resources and materials for all AMS students. Created resources and advising checklists for AMS faculty advisors. Core curriculum sessions included: <ul style="list-style-type: none">• Introduction to Careers in Medicine (MS1s)• Career Seminar Series (MS1s & MS2s)• Common Myths and Misconceptions (MS2s)• The Career Decision Making Process (MS3s)• Preparing Your CV and Personal Statement (MS3s)• Residency Interviewing Skills Workshop (MS4s)• Preparing Your Residency Rank List (MS4s)• Transition to Residency (MS4s) This curriculum was presented at the AAMC Continuum Connections Meeting. Orlando, FL. May 2018.	2013-2015
<i>MED2046</i> <i>Leadership in Health Care</i>	Alpert Medical School master’s level course and one of nine core courses included in the Primary Care-Population Medicine (PC-PM) track. The curriculum was designed to fulfill the PC-PM program vision “to educate a new type of physician through a course of study that emphasizes teamwork and leadership, population science and behavioral and social medicine to prepare tomorrow’s public health leaders for success.” The course consists of	2015-2019

interactive, case-based didactics and a team-based experiential Leadership Action Project to address essential leadership competencies. Modules include:

- Understanding leadership theory
- Becoming a change agent
- Leading with your personal strengths
- Communicating effectively
- Persuasive public speaking
- Managing conflict and negotiating
- Exerting influence within health care organizations
- Creating and sharing a vision
- Servant leadership: developing others
- Networking and advocacy
- Managing crises: high stakes clinical teamwork
- Risk-taking and creativity
- Enhancing your EQ: emotionally intelligent leadership
- Life-long leadership habits

This curriculum was presented at multiple conferences:

NEGEA Annual Retreat, Providence, RI. April 2016

Uniformed Service University of the Health Sciences. Leadership Summit. Bethesda, MD. April 2017.

SAEM Annual Meeting, Orlando, FL. May 2017

SAEM Annual Meeting, Las Vegas, NV. May 2019.

Leadership Elective

Brown Emergency Medicine Residency program 2021-present
Customized 1:1 elective focused on principles of Leadership and Performance Coaching. Sessions focus on identifying core values and purpose; reframing self-limiting beliefs; establishing short and long term career goals.

HOSPITAL TEACHING, ADVISING, AND MENTORING ROLES

TEACHING ROLES

Instructor, Nursing Airway Inservice Training	The Miriam and Rhode Island Hospitals Provided training on airway management and rapid sequence intubation to ED nursing staff. 40 participants/year.	2002-2004
Co-Director, Pediatric Airway Management Course	Rhode Island Hospital Medical Simulation Center Department of Emergency Medicine Organized an airway management course for the Hasbro Children's Hospital Pediatric Critical Care Transport Team. 10 participants.	2003
Director,	Rhode Island Hospital Medical Simulation Center	2004

October 2023

Safety Training in Airway and Teamwork (STAT) Course	Department of Emergency Medicine Developed curriculum for this CME course combining advanced airway, communication and teamwork skills. 18 participants.	
Instructor, Office Emergencies For Oral Maxillofacial Surgeons	Rhode Island Hospital Medical Simulation Center Department of Emergency Medicine Developed and implemented a simulation-based workshop for oral surgeons on airway management and office-based emergencies. 20 participants.	2014

GRADUATE MEDICAL EDUCATION—TEACHING

Attending Physician	Brown Emergency Medicine Residency Program Rhode Island Hospital and The Miriam Hospital Provide >500 hours of clinical, bedside education Annually. 48-54 residents/year.	2001-present
Lecturer, Resident Core Curriculum	Brown Emergency Medicine Residency Program Prepare and present didactics, simulations, and skills lab sessions. Topics include advanced airway techniques, emergency cardiology, bedside teaching skills, teamwork and communication, and a wide range of core EM content. 48-54 residents/year.	2001-present
Director, Mock Oral Examination	Brown Emergency Medicine Residency Program Prepared cases and material for annual case-based mock board exam. 48 residents/year.	2001-2003
Director and Instructor, Resident Case Conference	Brown Emergency Medicine Residency Program The Miriam Hospital Emergency Department Created this didactic conference series for EM and IM residents focusing on ECG interpretation, ACLS, and basic airway management. 36 residents/year.	2001-2005
Instructor, ACLS Course	Rhode Island Hospital Graduate Medical Education Taught airway management skills at annual course for all Rhode Island Hospital trainees. 100 housestaff/year.	2001-2007
Director, Emergency Airway Course	Brown Emergency Medicine Residency Program Created this comprehensive airway curriculum for EM residents and Pediatric EM fellows. Course includes lectures, workshop cases, skills labs, a surgical tutorial, and high fidelity simulations. 15 trainees/year.	2002-2005
Director,	Brown Emergency Medicine Residency Program	2006

October 2023

Respiratory
Emergencies
Simulation
Conference

Provided the respiratory core curriculum for the EM residency program. Developed a simulation case series, provided debriefings and resident feedback. 24 residents.

Director,
Metabolic
Emergencies
Simulation
Conference

Brown Emergency Medicine Residency Program

Provided the metabolic core curriculum for the EM residency program. Developed a simulation case series, provided debriefings and resident feedback. 24 residents.

2006

GRADUATE MEDICAL EDUCATION—MENTORING AND ADVISING

Faculty Advisor,
Emergency Medicine
Residency Program

Department of Emergency Medicine

Provide advising, remediation, coaching, career planning, and professional development.

2002-present

Director,
EM Chief Resident
Leadership Development
Program

Department of Emergency Medicine

2005-2013

Emergency Medicine Chief Resident Mentees

Anthony Napoli, MD	2005-2006	Francesca Beaudoin	2009-2010
Robert Tubbs, MD	2005-2006	Doug Hartman, MD	2009-2010
Nicole Vetere, MD	2005-2006	Charlie Draznin, MD	2009-2010
Alyson McGregor, MD	2006-2007	Garreth Debiegun, MD	2010-2011
M. McMahon-Downer, MD	2006-2007	Kathrine Kimbrell, MD	2010-2011
Craig Sisson, MD	2006-2007	Matthew Siket, MD	2010-2011
Rachel Fowler, MD, MPH	2007-2008	David MacKenzie, MD	2011-2012
Megan Ranney, MD, MPH	2007-2008	Michael Lee, MD	2011-2012
Billy Lau, MD	2007-2008	Tracy Madsen, MD	2011-2012
Nate Donaldson, DO	2008-2009	Reagan Herrington, MD	2012-2013
Kristy McAteer, MD	2008-2009	Elizabeth Goldberg, MD	2012-2013
Anand Shah, MD	2008-2009	Brandon Maughan, MD	2012-2013

ADDITIONAL MAJOR GME MENTORING ROLES

Joshua Jauregui, MD

Career stage: mid-career

Mentoring role: career planning and mentoring

2009-2013

October 2023

Current position: Assistant Professor of Emergency Medicine and EM student clerkship director,
University of Washington Department of Emergency Medicine

Arlene Chung, MD 2010-2014
Career stage: mid-career
Mentoring role: career planning and mentoring
Current position: EM residency program director, Maimonides Department of Emergency Medicine

Nicholas Asselin, DO, MEL 2010-2014
Career stage: mid-career
Mentoring role: career planning and mentoring
Current position: Assistant Professor of Emergency Medicine and EMS Fellowship Program
Director, Brown Department of Emergency Medicine

Jonathan Schimmel, MD 2012-2016
Career stage: junior faculty
Mentoring role: career planning and mentoring
Current position: Assistant Professor of Emergency Medicine, Icahn School of Medicine at Mt. Sinai

Seth Gemme, MD 2012-2016
Career stage: junior faculty
Mentoring role: scholarly writing; career development
Current position: Assistant Professor of Emergency Medicine
University of Massachusetts Medical School - Baystate

Tony Zhang, MD 2014-2018
Career stage: junior faculty
Mentoring role: research project design, scholarly writing; career development
Current position: Clinical Instructor, education faculty.
Thomas Jefferson University Department of Emergency Medicine

Sam Goldman, MD 2017-present
Career stage: junior attending physician
Mentoring role: program development; career mentoring
Current position: Attending physician, St. Anne's Hospital, Fall River, MA

LONGITUDINAL MENTORING ROLES

Jeremy Boyd, MD 2007-present
Alpert Medical School Class of 2009
Career stage: mid-career faculty
Mentoring role: career development; scholarly writing, educational research project mentor
Current position: Assistant Professor of Emergency Medicine; Associate Emergency Ultrasound
Fellowship Director; Assistant Medical Director of the Nashville VA. Vanderbilt University
Department of Emergency Medicine

October 2023

Steven Rougas, MD, MEL Brown EM Residency Class of 2013 Brown EM Medical Education Research Fellowship class of 2015 Currently Brown EM faculty member Career stage: mid-career faculty Mentoring role: caree development; educational research project mentorship; Current position: Associate Professor of Emergency Medicine, Brown University; Course Director, Alpert Medical School Doctoring program	2009-present
Rory Merritt MD, MEHP Alpert Medical School class of 2013 Brown EM Medical Education Research Fellowship class of 2019 Career stage: junior faculty. Mentoring role: fellowship, research, and career mentor. Current position: Assistant Professor of Emergency Medicine; Assistant Dean for the PLME program; Course Leader, Doctoring III & IV, Alpert Medical School.	2009-present
Sarah Michael, DO, MEL Brown EM Medical Education Research Fellowship class of 2017 Career stage: junior faculty Mentoring role: educational research project and fellowship mentor Current position: Assistant Professor and Director of Educational Innovation, University of Colorado Department of Emergency Medicine	2015-present
Jessica L. Smith, MD Career stage: senior faculty Mentoring role: career development; educational program management Current position: Professor of Emergency Medicine; Designated Institutional Official, Rhode Island Hospital, Lifespan Inc.	2005-present
Jayram Pai, MD Career Stage: junior faculty Mentoring role: career development; educational program management Current position: Assistant Professor of Emergency Medicine Clerkship Director; Director of Undergraduate Medical Education, Brown Department of Emergency Medicine	2020-present
Amy Matson, MD Career stage: junior faculty Mentoring role: BEM Faculty Development Grant; career development Current position: Assistant Professor of Emergency Medicine; Assistant Residency Program Director	2022-present
Alexander Sheng, MD	2022-present

October 2023

Career stage: mid-career faculty

Mentoring role: career development; educational program management

Current position: Associate Professor of Emergency Medicine; Residency Program Director

Kaitlin Lipner, MD

2022-present

Career stage: PGY-3 EM resident

Mentoring role: serve as PI and mentor on a medical education research project entitled “Comparing Distributed Practice Models for Medical Student Procedural Skills Teaching.”