

**Linda L. Brown, MD MSCE**

revised: 08/31/23

Brown Emergency Medicine

55 Claverick Street, 2<sup>nd</sup> fl, Providence, RI 02903Office: 401-444-5141; Cell: 401-480-8545; [linda.brown@brownphysicians.org](mailto:linda.brown@brownphysicians.org)**EDUCATION**

Undergraduate

Colby College, Biology, BA, *cum laude* (1992)

Medical School

Pennsylvania State College of Medicine, MD, Medical Degree, *Dean's Award for excellence in academics* (1993-1997)

Other Advanced Degrees

University of Pennsylvania, MSCE, Master of Science in Clinical Epidemiology

**POSTGRADUATE TRAINING**

Residency

Alpert Medical School of Brown University/ Hasbro Children's Hospital Residency in Pediatrics Providence, RI (1997-2000)

Chief Resident

Chief Resident in Pediatrics, Alpert Medical School of Brown University/Hasbro Children's Hospital, Providence, RI (2000-2001)

Fellowship

Fellowship, Pediatric Emergency Medicine, The Children's Hospital of Philadelphia, Philadelphia, PA (2001-2004)

**POSTGRADUATE HONORS AND AWARDS**

Medical Student Teaching Award

Department of Pediatrics, Brown Medical School, Providence, RI (1999)

Medical Student Teaching Award

Department of Pediatrics, Brown Medical School, Providence, RI (2000)

Resident Teaching Award

Department of Pediatrics, Hasbro Children's Hospital, Providence, RI (2000)

Award for Excellence in Pediatric Emergency Medicine

Department of Pediatrics, Hasbro Children's Hospital, Providence, RI (2000)

Jean A. Cortner Divisional Teaching Award

Department of Pediatrics, Children's Hospital of Philadelphia (2002)

Jean A. Cortner Divisional Teaching Award

Department of Pediatrics, Children's Hospital of Philadelphia (2003)

Outstanding Physician Award

University Emergency Medicine Foundation (UEMF)/ Department of Emergency Medicine, Alpert Medical School, Brown University/ Lifespan, Providence, RI (2011)

Best Research Abstract

Royal College of Physicians and Surgeons Simulation Summit in Toronto, Canada, (2014) for Improving Cardiopulmonary Resuscitation with a CPR Feedback Device and Refresher Simulations (CPR CARES Study): A Multicenter, Randomized Trial

First Place, Research Abstract	15th International Meeting on Simulation in Healthcare (IMSH January 2015) for Improving Cardiopulmonary Resuscitation with a CPR Feedback Device and Refresher Simulations (CPR CARES Study): A Multicenter, Randomized Trial
Clinical Director's Award	University Emergency Medicine Foundation (UEMF)/ Department of Emergency Medicine, Alpert Medical School, Brown University/ Lifespan, Providence, RI (2015)
Master of Arts ad eundem, Brown University	Brown University, Providence, RI (2017)
Outstanding Contribution in Education Award	University Emergency Medicine Foundation (UEMF)/ Department of Emergency Medicine, Alpert Medical School, Brown University/ Lifespan, Providence, RI (2017) This award recognizes the faculty member who has demonstrated an outstanding commitment to residency or fellowship education.
SAEM Simulation Academy Distinguished Educator Award	Society for Academic Emergency Medicine (SAEM) This award honors a career demonstrating sustained excellence and contribution to simulation-based training in Emergency Medicine, National award (May 2019)
Jacek Franaszek, MD Exemplary Educator Award	Brown Emergency Medicine/ Department of Emergency Medicine, Alpert Medical School, Brown University/ Lifespan. Providence, RI (2019) The faculty member who receives this award exemplifies the highest standards and quality as a medical educator and has made a substantial impact in emergency medicine education at all levels.
Libby Nestor, MD Outstanding Mentor Award	Brown Emergency Medicine/ Department of Emergency Medicine, Alpert Medical School, Brown University/ Lifespan. Providence, RI (2020) 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.
Barnet Fain Quality Award	Lifespan, Providence, RI (2020) Awarded for the Lifespan Alternative Hospital Site Team. This award was established in 2002 to recognize outstanding efforts by teams or individuals to improve the quality of care of service provided by one or more of Lifespan's affiliates.
Brown EM Foundation Award	Brown Emergency Medicine, Providence, RI (2021) This award recognizes the Brown Emergency Medicine physician who led to positive changes to advance Brown Emergency Medicine & the Department.
Dr Marianne Gausche-Hill Award for Teaching Mentorship	Society for Academic Emergency Medicine (SAEM) Pediatric EM Interest Group, This award exemplifies leadership in teaching mentorship in Pediatric EM. National award (May 2022)
Brian J. Zink MD Outstanding Leadership in Emergency Medicine	Brown Emergency Medicine, Providence, RI (2022) This award recognizes a faculty member who has provided

extraordinary leadership contributions that advance the excellence of the Department of Emergency Medicine, Brown Emergency Medicine, Alpert Medical School and Lifespan. The award is given to one faculty member who has demonstrated exceptional abilities to lead, serve, inspire and collaborate with broad impact.

Rhode Island Monthly, Top Doc for 2022

RI Monthly publication surveys local physicians on who they would trust to refer or treat their family and friends.

Rhode Island Monthly, Top Doc for 2023

RI Monthly publication surveys local physicians on who they would trust to refer or treat their family and friends.

## **PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

Rhode Island Medical License – intern	6/1997-6/1998
Rhode Island Medical License – resident	7/1998-6/2001
Rhode Island Medical License – med officer	7/2000-7/2001
State of Pennsylvania – graduate med trainee	05/2001-12/2004
Connecticut Medical License – Physician	05/2004-1/2008
Rhode Island Medical License – MD	04/2007-06/2024
Rhode Island Controlled Substance – MD	04/2007-06/2024

American Board of Pediatrics	November 2000/2010
Sub-board of Pediatric Emergency Medicine	November 2004/2014

## **ACADEMIC APPOINTMENTS**

Assistant Instructor in Pediatrics	Brown Medical School, Providence, RI (2000-2001)
Clinical Instructor in Pediatrics	University of Pennsylvania School of Medicine, Philadelphia, PA (2001-2004)
Assistant Professor in Pediatrics	Yale University School of Medicine, New Haven, CT (2004-2007)
Assistant Professor of Pediatrics and Emergency Medicine	Alpert Medical School, Brown University, Teaching Scholar Track Providence, RI (2007-2016)
Associate Professor of Pediatrics and Emergency Medicine	Alpert Medical School, Brown University, Teaching Scholar Track Providence, RI (2016 to present)
Professor of Pediatrics and Emergency Medicine	Alpert Medical School, Brown University, Teaching Scholar Track Providence, RI (2020 to present)
Interim Chair, Department of Emergency Medicine	Alpert Medical School, Brown University, Providence, RI (12/2022 – present)

## **HOSPITAL APPOINTMENTS**

Attending, Pediatric Emergency Medicine	The Children's Hospital of Philadelphia Philadelphia, PA, (2003-2004)
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Attending, Pediatric Emergency Medicine	Yale-New Haven Children's Hospital New Haven, CT (2004-2007)
Attending, Pediatric Emergency Medicine	Hasbro Children's Hospital Providence, RI (2007-present)
Interim Physician-in-Chief, Department of Emergency Medicine	Rhode Island & Hasbro Children's Hospital Providence, RI (2022 – present)
Interim Physician-in-Chief, Department of Emergency Medicine	The Miriam Hospital Providence, RI (2022 – present)
Interim Physician-in-Chief, Department of Emergency Medicine	Newport Hospital Newport, RI (2022 – present)

### **OTHER APPOINTMENTS**

Fellowship Director, Pediatric Emergency Medicine	Yale-New Haven Children's Hospital, New Haven, CT(2006-2007)
Director, Pediatric Portable Simulations	Hasbro Children's Hospital, Providence, RI (2008-2017)
Director, Office Emergencies Course	Rhode Island/Lifespan Hospital Medical Simulation Center, Providence, RI (2009-present)
Co-Director, Pediatric Procedural Sedation Course	Rhode Island Hospital Medical Simulation Center, Providence, RI (2009-2015)
Director, PALS Education	Rhode Island Hospital/Lifespan Medical Simulation Center(LMSC), Providence, RI (2009-present)
Associate Director, LMSC	Rhode Island Hospital/ Lifespan Medical Simulation Center, Providence, RI (2014-2016,2020- present)
Director, LMSC	Lifespan Medical Sim Center, Providence, RI (2016-2020)
Chair, Advisory Committee	EMS for Children RI Providence, RI (2018-present)
Director, Division of Medical Simulation	Brown Emergency Medicine, Providence RI (2016-present)
Member, Brown EM Board of Directors	Brown Emergency Medicine, Providence, RI (2019-2022)
Member, EMS for Children Innovation & Improvement Center Dissemination Steering Committee	Emergency Medical Services for ChildrenInnovation and Improvement Center Dissemination Committee, Providence, RI (2019-present)
Medical Director, RI EMS for Children Program	RI EMS for Children Program Providence, RI (2019-present)
Member, Dissemination Workgroup	PECARN (Pediatric Emergency Care Applied Research Network), SPARC Node, San Francisco-Oakland, CA, Providence, RI, Atlanta, GA (2019-present)
Treasurer, Brown EM Board of Directors	Brown Emergency Medicine Providence, RI (2020-21)
Secretary, Brown EM Board of Directors	Brown Emergency Medicine Providence, RI (2022)
Vice Chair, Pediatric Emergency Medicine	Brown Emergency Medicine Providence, RI (2020-present)
Interim President, Brown Emergency Medicine	Brown Emergency Medicine

Interim Chair, Brown EM Board of Directors  
Ex-Officio Interim Member, BPI Board of Directors  
Member, Rhode Island & Hasbro Children's Hospitals President & Chief of Operations Search Committee

Providence, RI (2022-present)  
Brown Physicians, Inc.  
Providence, RI (2022-present)  
Lifespan  
Providence, RI (2023-present)

### **HOSPITAL COMMITTEES**

Member, Graduate Medical Education Committee  
Member, Pediatric Emergency Medicine/ Critical Care Medicine QI Committee  
Member, Pediatric Intern Selection Committee  
Member, Collaborative Care Committee  
Co-Chair, Pediatric Cardiac Arrest Committee  
Member, Pediatric EM Expedite to Excellence Committee  
Member, Pediatric Cardiac Arrest Committee  
Member, Rhode Island Hospital Quality Oversight Committee  
Member, Lifespan Quality Oversight Committee  
Member, Lifespan Physician Leadership Council  
Member, Lifespan Patient Flow, Throughput & Capacity Initiative Workgroup  
Member, Lifespan Risk Services Claims Committee  
Member, Lifespan Strategy & Planning Committee  
Member, Lifespan System Bed Planning Committee

Yale-New Haven Hospital,  
New Haven, CT (2006-2007)  
Yale-New Haven Hospital  
New Haven, CT (2006-2007)  
Yale-New Haven Children's Hospital  
New Haven, CT (2005-2007)  
Hasbro Children's Hospital  
Providence, RI (2007-present)  
Hasbro Children's Hospital  
Providence, RI (2009- 2020)  
Interprofessional committee of clinical leaders for the Hasbro ED aimed at improving patient flow and clinical care.  
Hasbro Children's Hospital  
Providence, RI (2017-2018)  
Hasbro Children's Hospital  
Providence, RI (2021 - present)  
Rhode Island Hospital/Hasbro Children's Hospital  
Providence, RI (2022 – present)  
Lifespan  
Providence, RI (2022 – present)  
Lifespan  
Providence, RI (2022 – present)  
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Providence, RI (2022 – present)  
Lifespan  
Providence, RI (2023 – present)  
Lifespan  
Providence, RI (2023 – present)  
Lifespan  
Providence, RI (2023 – present)

### **UNIVERSITY COMMITTEES:**

Member, Department of Emergency Medicine Chair Search Committee  
Member, Pediatric Emergency Medicine Faculty Search Committee – Academic Track

Alpert Medical School, Brown University  
Providence, RI (2017-2018)  
Alpert Medical School, Brown University  
Providence, RI (2017)

Member, Pediatric Surgery Faculty Search Committee	Alpert Medical School, Brown University Providence, RI (2018)
Member, Chief of Pediatric Intensive Care Search Committee	Alpert Medical School, Brown University Providence, RI (2021-2022)
Member, Chief of Pediatric Surgery Search Committee	Alpert Medical School, Brown University Providence, RI (2021)
Member, Chief of Pediatric Hospitalist Medicine Search Committee	Alpert Medical School, Brown University Providence, RI (2021-2023)
Member, Council of Clinical Chairs	Medicine & Biological Sciences, Alpert Medical School, Brown University, Providence, RI (2022-present)
Member, Joint Council of Chairs	Medicine & Biological Sciences, Alpert Medical School, Brown University, Providence, RI (2022-present)

### **OTHER COMMITTEES:**

Member, Emergency Medicine Resident Advisory Committee	Department of EM, Rhode Island Hospital Providence, RI (2008-present)
Member, Resident Selection Committee	Department of EM, Rhode Island Hospital Providence, RI (2011-2020)
Member, Resident Clinical Competency Committee	Department of EM, Rhode Island Hospital Providence, RI (2013-2020)
Member, Brown EM Salary Equity Task Force	Brown Emergency Medicine Providence, RI (2018)
Member, Brown EM Pediatric EM Salary Equity Task Force	Brown Emergency Medicine Providence, RI (2018)
Member, Brown EM Promotions & Clinical Hours Reduction Task Force	Brown Emergency Medicine Providence, RI (2018)
Member, Brown EM Promotions Committee	Brown Emergency Medicine Providence, RI (2018)
Member, Brown EM Compensation Committee	Brown Emergency Medicine Providence, RI (2018 – 2019)
Member, BPI Benefits Committee	Brown Physicians, Incorporated (BPI) Providence, RI (2019-2020)
Member, Brown EM Bias Reduction in EM Committee	Brown Emergency Medicine Providence, RI (2019 – present)
Chair, Brown EM Benefits Committee	Brown Emergency Medicine, Providence, RI (2019-2020)
Member, Brown EM Nominating & Governance Committee	Brown Emergency Medicine Providence, RI (2019– present)
Member, Brown EM Investment & Retirement Sub-Committee	Brown Emergency Medicine Providence, RI (2020 – present)
Member, Brown EM Revenue Enhancement Team	Brown Emergency Medicine Providence, RI (2020 – present)
Chair, Brown EM Finance Committee	Brown Emergency Medicine Providence, RI (2020-2021)

Member, Brown EM Finance Committee	Brown Emergency Medicine Providence, RI (2020-present)
Co-Chair, Brown EM Compensation Plan Steering Committee	Brown Emergency Medicine Providence, RI (2021-present)
Member, Brown EM Compensation Plan Steering Committee Core Workgroup	Brown Emergency Medicine Providence, RI (2021 – present)
Chair, Brown EM Nominating & Governance Committee	Brown Emergency Medicine Providence, RI (2022)
Member, Department of Emergency Medicine Executive Committee	Department of Emergency Medicine Providence, RI (2020-present)
Member, Department of Emergency Medicine Clinical Operations Committee	Department of Emergency Medicine Providence, RI (2020-present)
Member, Department of Emergency Medicine Lifespan Emergency Services Executive Committee	Department of Emergency Medicine Providence, RI (2020-present)
Member, Department of Emergency Medicine Promotions Committee	Department of Emergency Medicine Providence, RI (2020-present)
PEM Faculty Interactive Training on Necessary Emergency Skills & Simulation PEM FITNESS) Task Force/Committee	Department of Emergency Medicine Providence, RI (2021-present)
Member, Department of Emergency Medicine Evaluation Committee	Department of Emergency Medicine Providence, RI (2021-present)
Member, Department of Emergency Medicine Vice Chair Leadership Group	Department of Emergency Medicine Providence, RI (2021-present)
Member, Rhode Island Trauma System Advisory Committee	State of Rhode Island, Providence, RI (2022-present)
Faculty Development Award Review & Selection Committee	Brown Emergency Medicine Providence, RI (2022- present)
Interim Chair, Department of Emergency Medicine Executive Committee	Department of Emergency Medicine Providence, RI (2022-present)
Interim Chair, Department of Emergency Medicine Evaluation Committee	Department of Emergency Medicine Providence, RI (2022-present)
Member, Brown EM Clinical Staffing & Optimization Committee	Department of Emergency Medicine Providence, RI (2022-present)
Interim Chair, Department of Emergency Medicine Vice Chair Leadership Group	Department of Emergency Medicine Providence, RI (2022-present)

## **MEMBERSHIP and ROLES IN SOCIETIES**

American Academy of Pediatrics	Member, 2001-present Liaison, American Heart Association Emergency Cardiovascular Committee (2014-2016)
Society for Academic Emergency Medicine (SAEM)	Member, 2008-present
Academy for Women in Academic Emergency Medicine	Member, 2008- present

Simulation Interest Group/ Simulation Academy	Member, 2008-present
Pediatric EM Interest Group	Member, 2008-present
Educational Research Interest Group	Member, 2018-present
Society for Simulation in Healthcare	Member, 2008-present
Association of Academic Chairs in Emergency Medicine (AACEM)	Member – 2023 - present
Research Committee	Member, 2020-present
INSPIRE (International Network for Simulation-based Pediatric Innovation and Education)	Member, 2015-present
Scientific Review Committee	Member, 2015-present
Grant/Award Review Committee	Co-Chair, 2018-2019 Member, 2019-present
INSPIRE Meeting at IPSSW, Toronto	Co-Chair, 2019
American Heart Association	Get with the Guidelines-Resuscitation, Pediatric Research Task Force (2015-2017,2020-present)
	Get with the Guidelines-Resuscitation,Quality Task Force (2017-2020)
IPSS (International Pediatric Sim. Society)	Executive Committee (2018-2019)
International Sim Data Registry, Society for Simulation in Healthcare	Member (2017-present)Chair (2019-present)
Improving Pediatrics Acute Care Through Simulation	Executive Committee (2018-present)
NEAR4Kids Registry	Pediatric ED QI Committee (2021-present)
National Emergency Airway Registry for Pediatric Emergency Medicine (NEAR4PEM)	Member (2021-present)

### **ORIGINAL PUBLICATIONS IN PEER-REVIEWED PUBLICATIONS**

1. **Brown LL**, Osterhoudt KC. The use of anti-emetic drugs to treat vomiting caused by gastroenteritis. *Pediatric Case Reviews* (2002) 2:248-251.
2. Herliczek T, **Brown LL**. 8-year-old male with bilateral lower extremity pain and weakness. *Pediatric Emergency Care* (2011); 27(9):872-873.
3. Lee M, **Brown LL**, Bender G, Machan J, Overly FL. A medical simulation-based educational intervention for emergency medicine residents in neonatal resuscitation. *Academic Emergency Medicine* (2012);19(5):577-585.
4. Zajano, E, **Brown LL**, Overly FO, Steele D, Baird J, Duffy S. Development of The Survey of Teamwork and Task Load among Medical Providers (STTaMP): A Measure of Provider Perceptions of Teamwork When Caring for Critical Pediatric Patients. *Pediatric Emergency Care*. (2014);30(3):157-60.
5. Cicero M, **Brown LL**, Overly F, Yarzebski J, Meckler G, Fuchs S, Tomassoni A, Aghababian R, Chung S, Garrett A, Fagbuy D, Adalgais K, Goldman R, Parker J, Auerbach M, Riera A, Cone D, Baum C. Creation and Delphi-Method Refinement of Pediatric Disaster Triage Simulations. *Prehospital Emergency Care*

(2014); 18(2):282-9.

6. **Brown LL** and Chapman L. Pediatric Resuscitation: Lessons Learned and Future Directions. *Rhode Island Medical Journal* (January 2014); 19-22.
7. Koziel J, Meckler G, **Brown LL**, Acker D, Torino M, Walsh B, Cicero MX. Barriers to Pediatric Disaster Triage: A Qualitative Investigation. *Prehospital Emergency Care*, 2015 Apr-Jun; 19(2):272-86.
8. Cheng A, **Brown LL**, Duff J, Davidson J, Overly F, Tofil N, Peterson D, White M, Bhanji F, Bank I, Gottesman R, Adler M, Zhong J, Grant V, Grant D, Sudikoff S, Marohn K, Charnovich A, Hunt E, Kessler D, Wong H, Robertson N, Lin Y, Doan Q, Duval-Arnould J, Nadkarni V for the INSPIRE CPR Investigators. Improving CardioPulmonary Resuscitation with a CPR Feedback Device and Refresher Simulations (CPR CARES Study): A Multicenter, Randomized Trial. *JAMA Pediatrics*. 2015; 169(2):1-9.
9. Cheng A, Overly F, Kessler D, Nadkarni V, Lin Y, Doan Q, Duff J, Tofil N, Bhanji F, Adler M, Charnovich A, Hunt E, **Brown LL**, for the INSPIRE CPR Investigators. Perception of CPR Quality: Influence of CPR Feedback, Just-in-Time Training and Provider Role. *Resuscitation*. (2015); 87: 44-50.
10. Canares C, **Brown LL**, Garro A. Treating Children at Urgent Care Centers: A Qualitative Study to Determine How Providers Perceive Managing Pediatric Patients. *Rhode Island Medical Journal* (January 2015); (98) 1:48-53.
11. Cheng A, et al for the **QCPR Investigators**. Variability in quality of chest compressions provided during simulated cardiac arrest across nine pediatric institutions. *Resuscitation* (December 2015); 97:13-19.
12. Kessler D, Walsh B, Whitfill T, Gangadharan S, Gawel M, **Brown LL**, Auerbach M. Disparities in Adherence to Pediatric Sepsis Guidelines Across a Spectrum of Emergency Departments: a Multicenter, Cross-Sectional Observational Study, *J Emerg Med* (2016); (51)2:233
13. Hunt EA, et al for the **International Network for Simulation-Based Innovation, Research and Education Investigators**. Building Consensus for the future of pediatric simulation: a novel "KJ Reverse-Merlin" methodology. *BMJ Stel* (2016); 0:1-7.
14. Cheng A, Kessler D, Mackinnon R, Chang T, Nadkarni V, Hunt EA, Duval-Arnould J, Lin Y, Cook D, Pusic M, Hui J, Moher D, Egger M, Auerbach M for the **INSPIRE Reporting Guidelines Investigators**. Reporting Guidelines for Health Care Simulation Research: Extensions to the CONSORT and STROBE Statements. *Simulation in Healthcare* (2016); 11(4):238-248.
15. Adler M, Overly F, Nadkarni V, Davidson J, Gottesman R, Bank I, Marohn K, Sudikoff S, Grant V, Cheng A for the **INSPIRE CPR Investigators**. An Approach to Confederate Training within the Context of Simulation-based Research. *Simulation in Healthcare*. (2016); 11(5):357-362.
16. Auerbach M, Whitfill T, Gawel M, Kessler D, Walsh B, Gangadharan S, Hamilton MF, Schultz B, Nishisaki A, Tay KY, Lavoie M, Katznelson J, Dudas R, Baird J, Nadkarni V, **Brown LL**. Differences in the Quality of Pediatric Resuscitative Care Across a Spectrum of Emergency Departments. *JAMA Pediatrics* (2016); (170) 10:987-994.
17. Chime N, Katznelson J, Gangadharan S, Walsh B, Lobner, K, **Brown LL**, Gawel M, Auerbach, M. Comparing Practice Patterns Between Pediatric and General Emergency Medicine Physicians: A Scoping Review. *Pediatric Emergency Care*, (April 2017); 33(4):278-86.
18. Cheng A, Lin Y, Nadkarni V, Wan B, Duff J, **Brown LL**, Bhanji F, Kessler D, Tofil N, Hecker K, Hunt EA. The effect of step stool use and provider height on CPR quality during pediatric cardiac arrest: A simulation-based multicentre study. *CJEM* (April 3, 2017); 1-9.

19. Kessler DO, Peterson DT, Bragg A, Lin Y, Zhong J, Duff J, Adler M, **Brown LL**, Bhanji F, Davidson J, Grant D, Cheng A. Causes for Pauses During Simulated Cardiac Arrest. *Pediatric Critical Care Med* 2017 Aug;18(8):e311-e317.
20. Tofil NM, Lin Y, Peterson DT, White ML, Grant V, Grant DJ, Gottesman R, Sudikoff SN, Adler M, Marohn K, Davidson J, Cheng A: **International Network for Simulation-Based Pediatric Innovation, Research and Education CPR investigators**. Workload of Team Leaders and Team Members During a Simulated Sepsis Scenario. *Pediatric Crit Med* 2017 Sep;18(9):e423-427.
21. Andersen LW, Vognsen M, Topjian A, **Brown LL**, Berg R, Nadkarni V, Kirkegaard H, Donnino MW. Pediatric In-Hospital Acute Respiratory Compromise: A Report from the American Heart Association's Get with the Guidelines-Resuscitation Registry. *Pediatric Crit Care Med* (September 2017);18(9):838-849.
22. Walsh BM, Gangadharan S, Whitfill T, Gawel M, Kessler D, Dudas RA, Katznelson J, Lavoie M, Tay KY, Hamilton M, **Brown LL**, Nadkarni V, Auerbach M; INSPIRE ImPACT investigators. Safety Threats During the Care of Infants with Hypoglycemic Seizures in the Emergency Department: A Multicenter, Simulation-Based Prospective Cohort Study. *J Emerg Med* 2017 Oct;53(4):467-474 e7.
23. Franco M, Baird J, **Brown LL**, Overly F. EMR in the ED: A cross-sectional survey of resuscitation documentation practices and perceptions among emergency department clinicians. *Pediatr Emerg Care*. 2018 May;34(5):303-309
24. Gangadharan S, Tiyyagura G, Gawel M, Walsh BM, **Brown LL**, Lavoie M, Tay KY, Auerbach MA. A Grounded Theory Qualitative Analysis of Inter-professional Providers' Perceptions on Caring for Critically Ill Infants and Children in Pediatric and General Emergency Departments. *Pediatr Emergency Care*, 2018, Aug;34 (8):578-583.
25. **Brown LL**, Lin Y, Tofil N, Overly F, Duff J, Bhanji F, Nadkarni V, Hunt EA, Bragg A, Kessler D, Bank I, Cheng A. for the International Network for Simulation-based Pediatric Innovation, Research and Education (INSPIRE) CPR Investigators. Impact of a CPR Feedback Device on Healthcare Provider Workload During Simulated Cardiac Arrest. *Resuscitation*. (September 2018); 130:111-117.
26. Cheng A, Duff, JP, Kessler D, Tofil NM, Davidson J, Lin Y, Chatfield J, **Brown LL**, Hunt EA, for the International Network for Simulation-Based Pediatric Innovation Research and Education (INSPIRE) CPR Investigators. Optimizing CPR Performance with CPR Coaching for Pediatric Cardiac Arrest: A randomized simulation-based clinical trial. *Resuscitation* (November 2018); 132:33-40.
27. Auerbach M, **Brown L**, Whitfill T, Baird J, Abulebda K, Bhatnagar A, Lutfi R, Gawel M, Walsh B, Tay KY, Lavoie M, Nadkarni V, Dudas R, Kessler D, Katznelson J, Gangadharan S, Hamilton MF. Adherence to Pediatric Cardiac Arrest Guidelines Across a Spectrum of Fifty Emergency Departments: A Prospective, In Situ, Simulation-Based Study. *Acad Emerg Med*. 2018 Dec;25(12):1396-1408.
28. Goldman M, Wong A, Bhatnagar A, Emerson B, **Brown LL**, Auerbach M. Providers' perceptions of caring for pediatric patients in community hospital emergency departments: a mixed methods analysis. *Acad Emerg Med* 2018 Dec;25(12):1385-1395..
29. Mello MJ, Bromberg J, Rougas S, Chun T, **Brown LL**, Parnagian C, Baird J. Substance use screening, brief intervention, and referral to treatment training for emergency medicine trainees. *Adv Med Educ Pract*. (February 14, 2019); 10:71-76.
30. Sutcliffe T, Asselin N, **Brown LL**. Pediatric Out-of-Hospital Cardiac Arrest in Rhode Island: Concepts and Controversies. *Rhode Island Medical Journal*. 2019 May 1;102(4):36-39.

31. Rougas S, Bromberg J, Namaja E, **Brown LL**, Chun T, Baird J. Reliability of the ClinicalSBIRT proficiency checklist for medical students *Med.Sci.Educ.* (2019). <https://doi.org/10.1007/s40670-019-00795-1>
32. Walsh B, Auerbach A, Gawel M, **Brown LL**, Byrne B, Calhoun A. Community-based Distributed In-Situ Simulation: Bringing Simulation to the Masses *AdvSimul* (Lond) 2019 Dec 21;4:30.
33. Musits A, Wing R, Simoes M, Styles M, Petrone G, Musisca N, **Brown LL**. Obstetric Emergencies for Emergency Medicine: Interdepartmental collaboration for simulation-based education *RI Med J* 2020 May 1;103(4):42-45.
34. Slingsby B, Moore J, Wing R, **Brown LL**. When Parents Hit: Teaching Physician Trainees How to Intervene. *Pediatr Emerg Care.* 2020 Jun 11. doi: 10.1097/PEC.0000000000002131. Online ahead of print.
35. Wing R, Tsao H, Toomey V, Mercurio L, Carillo M, Nocera M, **Brown LL**. EXCEL First Five Minutes Workshop for Pediatric Residents. *MedEdPortal* (9.2020) [https://doi.org/10.15766/mep\\_2374-8265.10980](https://doi.org/10.15766/mep_2374-8265.10980)
36. Wing R, Baird J, Duffy S, **Brown LL**, Overly F, Nocera M, Merritt C. Pediatric airway assessment tool (PAAT): A rating tool to assess resident proficiency in simulated pediatric airway skills performance. *MedEdPortal.* 10/2020
37. Cicero M, **Brown LL**, Auerbach M, Baird J, Adalgais K. Modified delphi method derivation of the FAMILY (Family Assessment of Medical Interventions & Liaisons with the Young) EMS instrument. *Prehosp Emerg Care.* 2021 Sep-Oct;25(5):689-696. doi: 10.1080/10903127.2020.1824052. Epub 2020 Oct 28. PMID: 32940539 DOI: 10.1080/10903127.2020.1824052.
38. Nocera K, Mercurio L, Toomey V, Carillo M, Tsao H, **Brown LL**, Wing R. Excellence in communication and emergency leadership (ExCEL): Pediatric primary and secondary survey in trauma workshop for residents. *MedEdPORTAL.* 2021 Jan 22;17:11079. doi: 10.15766/mep\_2374-8265.11079. PMID: 33501375, PMCID: PMC7821439.
39. Slingsby B, Moore J, Wing R, Garro A, **Brown LL**. Teaching trainees to address corporal punishment and effective discipline using simulation and semi-structured debriefing. *Pediatr Emerg Care.* 2022 Jul 1;38(7):312-316. doi: 10.1097/PEC.0000000000002769. Epub 2022 Jun 10.
40. Duff JP, Bhanji F, Lin Y, Overly F, **Brown LL**, Bragg A, Kessler D, Tofil N, Bank I, Hunt E, Nadkarni V, Cheng A. For the INSPIRE CPR Investigators. Change in cardiopulmonary resuscitation performance over time during simulated pediatric cardiac arrest and the effect of just-in-time training and feedback. *Pediatric Emergency Care* 2021 Mar 1;37(3):133-137. PMID: 33651758 DOI: 10.1097/PEC.0000000000002359.
41. Petrone G, **Brown LL**, Binder W, Naganathan S, Pasichow S, Rybasack-Smith H, Duquette C, Palka D, Musits A. The calm before the storm: Utilizing in situ simulation to evaluate for preparedness of and alternative care hospital during COVID-19 pandemic. *Disaster Medicine and Public Health Preparedness Journal.* 2021 Mar 25:1-5. Pub online ahead of print 2021 Mar 25. doi: 10.1017/dmp.2021.80 PMCID: PMC8111202, PMID: 33762048.
42. Clyne, B, Barber-Doucet H, **Brown LL**, Musits A, Jacobs E, Merritt C, Merritt R, Allister L, Petrone G, Musisca N, Smith JL, Baird J, Mello MJ. Maintaining procedural skills for academic emergency medicine faculty: A needs assessment. *AEC Educ Train First* published: 09 July 2021 <https://doi.org/10.1002/aet2.10648>
43. Abulebda K, Yuknis ML, Whitfill T, Montgomery EE, Pearson KJ, Rousseau R, Diaz MCG, **Brown LL**, Wing R, Tay KY, Good GL, Malik RN, Garrow AL, Zaveri PP, Thomas E, Makharashvili A, Burns RA, Lavoie M, Auerbach MA; Improving Pediatric Acute Care Through Simulation (ImPACTS). Preparedness for Pediatric Office Emergencies: A Multicenter, Simulation-Based Study. *Pediatrics.* 2021 Sep;148(3):e2020038463.

doi: 10.1542/peds.2020-038463. PMID: 34433688

44. Musits A, Merritt C, Petrone G, **Brown LL**, Wing R, Smith J, Tubb B, & Clyne B. FacultySupport Bundle for Simulation Teaching. Accepted to *The Clinical Teacher* December 2021
45. Cicero MX, Baird J, Adelgais K, **Brown L**, Auerbach M. Emergency Medical Services Provider Acceptance of and Attitudes About Pediatric SimBox Simulations. *Pediatr Emerg Care*. 2022 Mar 29. doi: 10.1097/PEC.0000000000002678. Epub ahead of print. PMID: 35353772.
46. Wing R, Carillo M, Tsao H, Mercurio L, Toomey V, **Brown LL**, Nocera M. Excellence in Communication and Emergency Leadership (ExCEL): Pediatric Critical Care Resource Utilization Workshop for Residents. Accepted to MedEd Portal 6.2022
47. Aquino M, Wing R, DeCerbo P, Tanzer J, **Brown LL**. Outcomes of simulation-based anaphylaxis education in a diverse group of participants. *Ann Allergy Asthma Immunol*. 2022 Nov;129(5):638-640. doi: 10.1016/j.anai.2022.07.032. Epub 2022 Aug 2. PMID: 35931344 DOI: 10.1016/j.anai.2022.07.032
48. Auerbach M, Whitfill T, Montgomery E, Leung J, Kessler D, Gross I, Walsh B, **Brown LL**, et al. Factors Associated with Improved Pediatric Resuscitative Care in General Emergency Departments. *Pediatrics*. May 2023 <https://doi.org/10.1542/peds.2022-060790> 2023 July 7

#### **MANUSCRIPTS IN PREPARATION. SUBMITTED OR ACCEPTED**

1. Vrablik L, Rosen R, Lantini R, Overly F, **Brown LL**, Wing R. *Evaluating the Impact of Personal Protective Equipment on Emergency Department Communication*.
2. Musisca NJ, Rybasack-Smith H, Mustis A, Petrone G, Wightman R, Smith JL, Brown LL, Foggie JL. Multiple Hospital In-Situ Mass Casualty Incident Training Simulation for Emergency Medicine Residents: A Sarin Bomb Scenario. *RI Med J*. In press 09/2023

#### **BOOKS AND BOOK CHAPTERS**

1. **Brown LL**, Scarfone R. Methemoglobinemia in Baren J, Alpern ER (eds). *Emergency Medicine Pearls*, Hanley & Belfus, Inc., Philadelphia, PA
2. **Brown LL**, Scarfore R. Intussusception in Baren J, Alpern ER (eds). *Emergency Medicine Pearls*, Hanley & Belfus, Inc., Philadelphia, PA
3. **Brown LL**. Dental Disorders in Baren, Brennan, Brown, Rothrock (eds) *Pediatric Emergency Medicine*, Elsevier, Philadelphia, PA
4. Alessandrini E, **Brown LL**. Pediatric Dental Injuries in Selbst and Cronan (eds) *Pediatric Emergency Medicine Secrets*, Mosby Elsevier, Philadelphia (2008)
5. **Brown LL**, Edema in Fleisher and Ludwig (eds) *Pediatric Emergency Medicine*, Lippincott, Wilkins and Williams, Philadelphia PA (2010)
6. **Brown LL**, Edema in Fleisher and Ludwig (eds) *Pediatric Emergency Medicine*, Lippincott, Wilkins and Williams, Philadelphia PA (2014)
7. **Brown LL**, MacKinnon R, Simulation for Rural Communities in *Comprehensive Healthcare Simulation: Pediatric Edition*, Adam Cheng and Vincent Grant (eds), Springer International, Switzerland (2016)

8. Overly FO, **Brown LL**, Franco M, Chapter, Pediatric Emergency Medicine. in *Comprehensive Health Simulation Series: Emergency Medicine Edition*, Drs. Christopher Strother, Steven McLaughlin, and Yasuharu Okuda (eds), 2021. Pp 197-204.

#### **OTHER NON-PEER REVIEWED PUBLICATIONS**

1. Cicero M, Overly F, **Brown LL**, Yarzbski J, Auerbach M, Riera A, Cone D, Baum C. Small Victims, Big Challenges: Pediatric Disaster Triage in the Prehospital Setting. Available from the Emergency Medicine for Children National Resource Center. (2013)
2. Kirkpatrick AJ, Palaganas J, Ahmed R, Bajwa M, Kutzin J, Kou M, Walsh B, Clapper T, Calhoun A, Eller S, Duff J, Adler M, Lopez C, Riggall V, Bajaj K, Elkin R, Kardong-Edgren S, Sanko J, Sanseau E, Good G, Thomas A, Ramachandra G, & Gross IT. (2022). 2021 Healthcare Distance Simulation Summit Proceedings - Looking into the Distance: Paving the Way Toward a Sustainable Future. The Healthcare Distance Simulation Collaboration.

#### **ABSTRACTS**

1. **Brown LL**, et al. Diagnostic Accuracy of C-Reactive Protein in Children with Suspected Appendicitis, Pediatric Academic Societies' Meeting. Platform Presentation, San Francisco, CA (May 2004)
2. Lee M, Overly FL, **Brown LL**, Teaching neonatal resuscitation to emergency medicine residents: Does a simulation-enhanced intervention improve knowledge and skills. Poster presentation at IMSH, Phoenix, AZ (January 2010)
3. Zajano E, **Brown LL**, Steele D, Baird J, Overly F, Duffy S. Measuring provider perceptions of teamwork and stress during pediatric emergency department resuscitations. Poster Presentation at PAS, Denver CO (May 2011) Platform Presentation SAEM, Boston MA, (June 2011)
4. Overly FL, **Brown LL**, Freelove S, Duffy SJ, "A Quality Initiative Utilizing Simulation Uncovers Latent Safety Hazards in a Pediatric Emergency Department. Poster Presentation at PAS, Boston, MA (April 2012)
5. **Brown LL**, Overly FL, Freelove S, Duffy S, "Medical Simulation as a Tool to Teach and Assess Fluid Resuscitation in Pediatric Shock Management". Poster Presentation at PAS, Boston, MA (April 2012)
6. Cicero M, **Brown LL**, Overly F, et al. Creation and Delphi-Method Refinement of Prehospital Pediatric Disaster Triage Simulations. Poster Presentation at PAS, Boston, MA (April 2012)
7. **Brown LL**, Cicero M, Overly F, Riera A, Northrup V, Auerbach M, and Baum C. A Simulation-Based Curriculum for Paramedics Improves Pediatric Disaster Triage (PDT) Performance. Poster Presentation at PAS, Boston, MA (May 2012)
8. Duffy S, **Brown LL**, Overly FL, Development of a Simulation (SIM) Enhanced Multidisciplinary Teamwork Training Program in a Pediatric Emergency Department (PED) Poster Presentation at PAS, Boston, MA (April 2012). Lightning Oral Presentation at SAEM, Chicago, IL (May 2012)
9. Kim JW, Kessler D, Auerbach M, Danzinger C, Shah N, Overly F, **Brown LL**, Falk M, Weinberg E, Santiago K, Ching K. Base Camp: Pediatric Emergency Medicine Fellow Simulation-Based Multi-Disciplinary Teamwork Training. Poster Presentation International Pediatric Simulation Symposium and Workshops. New York, New York, (April 2013)
10. Cicero MX, Overly F, **Brown L**, Yarzebski J, Walsh B, Shabanova V, Auerbach M, Riera A, Meckler G, Baum BR. Simulated Disasters to Assess the Accuracy of Three Pediatric Disaster Triage Strategies.

Poster Presentation Pediatric Academic Societies Annual Meeting, Washington DC (May 2013). Platform Presentation Eastern SPR Annual Meeting, Washington DC (May 2013)

11. Overly F, **Brown LL**, Frelove S, Duffy S, "Trends in Latent Safety Threats Discovered during a Team Training Program in a Pediatric Emergency Department. Poster Presentation Pediatric Academic Societies Annual Meeting, Washington DC (May 2013)
12. Kim JW, Kessler D, Auerbach M, Danzinger C, Shah N, Overly F, **Brown L**, Falk M, Weinberg E, Santiago K, Ching K. Base Camp: Pediatric Emergency Medicine Fellow Simulation-Based Procedural Skills Training. Poster Presentation International Pediatric Simulation Symposium and Workshops, New York, New York (April 2013)
13. Kim JW, Kessler D, Auerbach M, Danzinger C, Shah N, Overly F, **Brown L**, Falk M, Weinberg E, Santiago K, Ching K. Base Camp: Pediatric Emergency Medicine Fellow Simulation-Based Procedural Skills Training. Poster Presentation Pediatric Academic Societies Annual Meeting, Washington DC (May 2013)
14. **Brown LL** et al. Standardized Simulation Assessment of the Quality of Pediatric Cardiopulmonary Resuscitation Across a Spectrum of Emergency Departments, Pediatric Academic Societies Meeting. Platform Presentation, Vancouver, Canada (May 2014)
15. Auerbach M... **Brown LL**. Standardized Simulation Assessment Reveals Disparities in Pediatric Sepsis Quality of Care Indicators Across a Spectrum of Emergency Departments, Pediatric Academic Societies Meeting. Platform Presentation, Vancouver, Canada (May 2014)
16. Auerbach M... **Brown LL**. Assessing Differences in Experiences with Management of Critically Ill Children in Pediatric Emergency Departments (PED) and General Emergency Departments (GED) Pediatric Academic Societies Meeting. Poster Presentation, Vancouver, Canada (May 2014)
17. **Brown LL**, Zajano E, Overly F, Duffy S, Steele D. STTaMP (Survey of Teamwork and Task Load among Medical Providers) identifies improvements in provider perceptions of pediatric resuscitations after a teamwork training intervention. Pediatric Academic Societies Meeting. Poster Presentation, Vancouver, Canada (May 2014)
18. Auerbach M, Whithill T... **Brown LL**. Comparing the Quality of Pediatric Acute Resuscitation Care Across a Spectrum of Emergency Departments: a Multicenter, Prospective Cohort Study. Poster at Pediatric Academic Societies Meeting. Poster Presentation, San Diego, CA (April 2015)
19. **Brown LL**, et al. The effect of a CPR feedback device on provider workload during a simulated pediatric cardiac arrest. Platform presentation at IPSSW (7th International Pediatric Simulation Symposiums and Workshops) (May 2015)
20. Donoghue A, **Brown LL**, et al. Quantitative Performance Assessment of Simulated Pediatric Cardiopulmonary Resuscitation. Platform presentation at IPSSW (7th International Pediatric Simulation Symposiums and Workshops) (May 2015)
21. Tofil NM, Lin Y, Peterson DT, White ML, Grant V, Grant DJ, Gottesman R, Sudikoff SN, Adler M, Marohn K, Davidson J, Cheng A: International Network for Simulation-Based Pediatric Innovation, Research and Education CPR investigators. Workload of Team Leaders and Team Members During a Simulated Sepsis Scenario. Poster at IMSH (2017)
22. Wing R, Corbett K, **Brown L**. Pediatric Cardiopulmonary Resuscitation: Evaluation and Training in a Resource-Limited Setting. Poster IMSH (2017).
23. Wing R, Baird J, Duffy S, **Brown LL**, Overly F, Nocera M, Merritt C. Development and validation of a

simulation-based tool to assess residency competency in pediatric airway management. Poster Presentation, SAEM, Orlando, FL (June 2017)

24. Wing R, Baird J, Duffy S, **Brown LL**, Overly F, Nocera M, Merritt C. Development and validation of a simulation-based tool to assess residency competency in pediatric airway management. Poster Presentation, International Conference on Residency Education (ICRE), Quebec City, Canada (October 2017)
25. Mello M, Parnagian C, Bromberg J, Baird J, **Brown L**, Chun T, Rougas S, Sutton E. An Alcohol Screening, Brief Intervention, and Referral to Treatment (SBIRT) Curriculum for Emergency Medicine Faculty, Residents, and Medical Students. Poster Presentation, American Medical Association Accelerating Change in Medical Education Spring Consortium Meeting, Providence, RI (April 2018)
26. Rougas S, Bromberg J, Nimaja E, **Brown LL**, Chun T, Baird J. Reliability of a Screening, Brief Intervention, and Referral to Treatment tool to assess first year medical students. Alpert Medical School Program in Educational Faculty Development's Medical Education Scholarship (May 2019)
27. Slingsby B, Moore J, Wing R, **Brown LL**. When Parents Hit: Teaching Physician Trainees How to Intervene. Poster Presentation, Pediatric Academic Societies Annual Meeting (May 2019)
28. Musits A, Petrone G, Merritt C, Merritt R, **Brown LL**, Wing R, Smith J, Tubbs R, Clyne B. Faculty Engagement in Resident Simulation: Barriers and Proposed Solutions. NERDS20 (New England Regional Meeting of the Society for Academic Emergency Medicine), March 2020. (cancelled due to pandemic)
29. Rougas S, Bromberg J, Nimaja E, **Brown LL**, Chun T, Baird J. Reliability of a Screening, Brief Intervention, and Referral to Treatment tool to assess first year medical students. Poster Presentation, NEGEA Annual Conference (April 2020) (Cancelled due to pandemic)
30. Tsao HS, Sutcliffe T, Wang C, Vargas SE, **Brown LL**. A Cry for Help – An Assessment of Pre-Hospital Pediatric Pain Assessment, Analgesic Administration and Barriers to Analgesia in Rhode Island. Poster accepted for presentation at 2020 Brown EM Research Symposium. (April 2020) (Canceled due to the pandemic)
31. Cicero MX, **Brown LL**, Auerbach M, Baird J, Adegkai K. Modified Delphi Method Derivation of the FAMILY (Family Assessment of Medical Interventions and Liaisons with the Young) EMS Instrument. Accepted for Poster Presentation, Pediatric Academic Societies Annual Meeting (May 2020) (Cancelled due to the pandemic)
32. Yuknis M, Auerbach M, Abulebda K, Wing R, **Brown LL**, et al. Improving Emergency Readiness and Quality of Care in Pediatric Primary Care Offices. Oral presentation at the 2020 American Academy of Pediatrics National Conference & Exhibition, San Diego, CA October 2020.
33. Clyne B, Barber-Doucet H, **Brown LL**, Musits A, Jacobs E, Merritt C, Merritt R, Allister L, Petrone G, Musisca N, Smith JL, Baird J, Mello MJ. Assessing Content Validity of a Faculty Procedural Skills Survey. SAEM Annual Meeting, May 2021; New England Research Directors Meeting 2021 Virtual.
34. Clyne B, Barber-Doucet H, **Brown LL**, Musits A, Jacobs E, Merritt C, Merritt R, Allister L, Petrone G, Musisca N, Smith JL, Baird J, Mello MJ. Procedural Skills Maintenance Needs Among Academic Emergency Physicians. SAEM Annual Meeting, May 2021; New England Research Directors Meeting 2021 Virtual.
35. Wing R, Franco M, Musits A, Overly F, Decerbo P, Vrablik L, **Brown LL**. Mock Mock, Who's There? Developing a Robust Mock Code Program. Workshop for International Meeting on Simulation in Healthcare (IMSH) Conference. LA, California. [Accepted, not presented due to COVID]. January 2021

36. Vrablik L, Rosen R, Lantini R, Overly F, **Brown LL**, Wing, R. Evaluating Impacts of Personal Protective Equipment on Emergency Department Communication and Strategies to Mitigate Them. Lightning Oral Presentation. New England Regional Meeting of SAEM. April 2022
37. Vrablik L, Rosen R, Lantini R, Overly F, **Brown LL**, Wing R. Evaluating Impacts of Personal Protective Equipment on Emergency Department Communication and Strategies to Mitigate Them. Lightning Oral Presentation. Society for Academic Emergency Medicine (SAEM). New Orleans, LA. May 2022
38. Cicero M, Baird J, **Brown LL**, Auerbach M, Adelgais K. Frequency, Type, and Degree of Potential Harm of Adverse Safety Events among Pediatric Emergency Medical Services Encounters. Poster Presentation. Pediatric Academic Societies Meeting, May 2022 Denver Colorado
39. Yuknis M, Abulebda K, Diaz MC, Wing R, **Brown LL**, Tay Y, Leeper K, Montgomery E, Auerbach M. Improving Emergency Prep in Pediatric Primary Care Offices: A Simulation-Based Multicenter Study. Poster. Pediatric Academic Societies (PAS) 2023 Meeting, Washington, DC. April 2023.
40. Yuknis M, Abulebda K, Diaz MC, Wing R, **Brown LL**, Tay Y, Leeper K, Montgomery E, Auerbach M. Improving Emergency Prep in Pediatric Primary Care Offices: A Simulation-Based Multicenter Study. Abstract. International Pediatric Simulation Society IPSSW 2023 Conference, Lisbon, Portugal. May 2023.

## **INVITED PRESENTATIONS**

### **Regional**

1. St. Mary's Hospital, Pediatric Grand Rounds  
Pediatric Abdominal Pain  
Waterbury, CT (January 2005)
2. Hospital of St. Raphael's, Pediatric Grand Rounds  
Pediatric Abdominal Pain  
New Haven, CT (February 2005)
3. Bridgeport Hospital, Pediatric Grand Rounds Pediatric  
Abdominal Pain  
Bridgeport, CT (March 2005)
4. PALS plus,  
Yale-New Haven Children's Hospital (October 2005)
5. Pediatric Grand Rounds (February 2006)  
St. Mary's Hospital, Waterbury, CT
6. Rhode Island EMS providers  
*Pediatric Abdominal Pain*  
Providence, RI (April 2010)
7. Emergency Medicine Grand Rounds  
*Pediatric Airway Management*  
St. Anne's Hospital, Fall River, MA (August 2011)
8. Hasbro Children's Hospital Pediatric Grand Rounds  
*Appendicitis 2012: Evaluation, Imaging and Treatment*  
Providence, RI (October 2011)

9. Kiwanis Pediatric Trauma Conference  
*PALS update 2011*  
Hasbro Children's Hospital, Providence, RI (November 2011)
10. Our Lady of Fatima Hospital, Emergency Medicine Grand Rounds  
*The A, B, Cs of Pediatric Emergencies*  
North Providence, RI (September 2013)
11. Alpert School of Brown University Faculty Development Course  
*Simulation for Medical Education: Tips for Incorporating Simulation Across Clinical Settings*  
Providence, RI (September 2014)
12. Hasbro Children's Hospital, Pediatric Grand Rounds  
*The ABC's of C-A-B: Pediatric Resuscitation (2018)*  
Providence, RI (September 2018)
13. 4<sup>th</sup> Annual CSF Disorders Symposium  
*The Art and Science of Medical Simulation,*  
Alpert Medical School, Brown University, Providence, RI (June 2019)
14. Pediatric Emergency Medicine Fellows Conference, Core Series Webinar  
What Is Your Dream Job?, Panelist  
Alpert Medical School, Brown University, Providence, RI May 2022
15. 25<sup>th</sup> New England Research Directors Annual Meeting (NERDs – Regional)  
Moderator, Lightning Orals Innovations  
Holy Cross College, Worcester, MA April 2022
16. Faculty Promotions Workshop (Academic)  
Guest Speaker  
Alpert Medical School, Brown University, Providence, RI November 2022
17. Junior Faculty Career Speed Mentoring Session  
Guest Speaker  
Alpert Medical School, Brown University, Providence, RI January 2023
18. Lightning Orals: Lessons Learned during the Pandemic/Tele-Health,  
Moderator, New England Regional Directors Meeting of SAEM (NERDs),  
Holy Cross, Worcester, MA, April, 2023

### **National**

1. Instructor, 18<sup>th</sup> Annual Intensive Course in Pediatric Emergency Medicine  
The Children's Hospital of Philadelphia (November 2001)
2. Instructor, 19<sup>th</sup> Annual Intensive Course in Pediatric Emergency Medicine  
The Children's Hospital of Philadelphia (November 2002)
3. Instructor, 20<sup>th</sup> Annual Intensive Course in Pediatric Emergency Medicine  
The Children's Hospital of Philadelphia (November 2003)
4. 21<sup>st</sup> Annual Intensive Course in Pediatric Emergency Medicine  
*Appendicitis: An Evidence-Based Approach*  
The Children's Hospital of Philadelphia (November 2004)

5. Workshop at SAEM national meeting, Washington, D.C.  
*Simulation to meet ACGME requirements in EM/PEM* (May 2008)
6. Planning committee member and Lecturer Pediatric EM fellow BASECAMP (Regional)  
New York, NY, (October 2010)
7. Basecamp for PEM fellows  
Taught airway management and simulations for 1<sup>st</sup> year PEM fellows  
New York, NY (October 2011)
8. Workshop PAS meeting (Pediatric Academic Societies)  
*Is there a doctor in the stands?*  
Boston, MA (May 2012)
9. Workshop PAS meeting (Pediatric Academic Societies)  
*Two Wrongs Don't Make a Right: Disclosing Medical Errors*  
Boston, MA (May 2012)
10. Basecamp for PEM fellows  
Taught airway management and simulations for 1<sup>st</sup> year PEM fellows (regional course)  
New York, NY (October 2013)
11. PREP:EM An Intensive Review and Update of Pediatric Emergency Medicine  
*Psychiatric Emergencies*  
Philadelphia, PA (July 2018)
12. PREP:EM An Intensive Review and Update of Pediatric Emergency Medicine  
*Rheumatologic Emergencies*  
Philadelphia, PA (July 2018)
13. PREP:EM An Intensive Review and Update of Pediatric Emergency Medicine  
*Neurologic Emergencies*  
Philadelphia, PA (July 2018)
14. Speaker/Expert Panel Member, Modeling & Simulation Congressional Caucus Leadership Summit  
Jacksonville, FL (February 2020)
15. Society for Simulation in Healthcare Webinar/Expert Panel  
*Keeping your scholarship movingforward: A SSH Research Guide* (August 2020)
16. Expert Panel, SAEM Simulation Academy Virtual Mentoring/Faculty Development Hour,  
"Simulation Promotions: Pearls, Pitfalls, and Pathways" (November 16, 2020)
17. Expert Panel, Pediatric Emergency Medicine Landscape Course Series, American Academy  
of Pediatrics, online. Updates in PALS & NRP (October 2022)

### **International**

1. Workshop at IPSSW (International Pediatric Simulation Symposia and Workshops)  
*Debriefing the difficult discussion*  
Florence, Italy (April 2009)
2. Directed Workshop at IMSH (10<sup>Th</sup> International Meeting on Simulation in Healthcare)

*TEST PILOT: Advanced Medical Simulation as a Tool to Assess New Clinical Settings and Systems*  
Phoenix, AZ (January 2010)

3. Taught at Pre-Conference Course at the International Meeting on Simulation in Healthcare  
*Multi-disciplinary Teamwork Training Utilizing Simulation*  
Phoenix, AZ (January 2010)
4. Directed and taught at PAS (Pediatric Academic Society National Meeting). *Safety First: A Curriculum to Teach Pediatric Procedural Sedation.*  
Vancouver, B.C. (May 2010)
5. Taught at Pre-Conference Course at the International Meeting on Simulation in Healthcare.  
*Multi-disciplinary Teamwork Training Utilizing Simulation.*  
New Orleans, LA (January 2011)
6. Directed and taught workshop at the International Meeting on Simulation in Healthcare.  
*Safety First: A Curriculum to teach pediatric procedural sedation.*  
New Orleans, LA (January 2011)
7. Directed and taught workshop at the International Meeting on Simulation in Healthcare.  
*Medical Errors: The art (and science) of apology.*  
New Orleans, LA (January 2011)
8. Directed and taught workshop the International Meeting on Simulation in Healthcare  
*Safety First Then What? Teaching Procedural Sedation outside of the OR: Education and Assessment*  
(January 2012)
9. Podium Presentation at the International Meeting on Simulation in Healthcare  
*Lessons learned from a multidisciplinary team training program in a PEM setting*  
(January 2012)
10. Workshop at the International Meeting on Simulation in Healthcare  
*Pearls and Pitfalls: The development of an in-situ simulation enhanced program to assess clinical settings and systems* (January 2012)
11. Podium Presentation the International Meeting on Simulation in Healthcare  
*Lessons learned from a multidisciplinary team training program in a PEM setting: Airing Dirty Laundry Part 2* (January 2013)
12. KidSim Grand Rounds: *Pediatric Preparedness*  
Alberta Children's Hospital, Calgary, Alberta Canada (March 2013)
13. Pediatric Simulation: Trauma  
Cayman Islands Hospital, Grand Cayman, Cayman Islands (May 2013)
14. Pediatric Simulation: Shock  
Cayman Islands Hospital, Grand Cayman, Cayman Islands (May 2013)
15. Pediatric Simulation: PALS  
Cayman Islands Hospital, Grand Cayman, Cayman Islands (May 2013)
16. Pre-conference Course at the International Meeting on Simulation in Healthcare.  
*Small Victims, Big Challenges: Train the trainer workshop.*  
San Francisco, CA (January 2014)

17. Expert Panel at the International Meeting on Simulation in Healthcare.  
*Mobile Outreach Simulation.*  
San Francisco, CA (January 2014)
18. Workshop at the International Meeting on Simulation in Healthcare.  
*Mock, Mock. Who's There? Developing Faculty for a Robust Mock Code Program.*  
New Orleans, LA (January 2015)
19. Workshop at the International Meeting on Simulation in Healthcare.  
*Designing and Conducting Simulation-Based Education Research.*  
New Orleans, LA (January 2015)
20. Workshop at the International Meeting on Simulation in Healthcare.  
*Mock, Mock. Who's There? Developing Faculty for a Robust Mock Code Program.*  
San Diego, CA (January 2016)
21. Workshop at the International Meeting on Simulation in Healthcare.  
*Competency Skills Assessment for Today's Trainees.*  
Orlando, FL (January 2017)
22. Workshop at the International Meeting on Simulation in Healthcare.  
*Competency Skills Assessment for Today's Trainees.*  
Los Angeles, CA (January 2018)
23. Expert Panel at the International Meeting on Simulation in Healthcare.  
*Measuring the impact of a simulation-based quality improvement program.*  
Los Angeles, CA (January 2018)
24. Expert/Mentor for small group/research discussion.  
INSPIRE meeting at the International Meeting on Simulation in Healthcare.  
San Diego, CA (January 2020)
25. Facilitator, small group/research discussion on publication/project development  
INSPIRE meeting at the International Meeting on Simulation in Healthcare.  
San Diego, CA (January 2020)
26. Professor, Professor Rounds, Patient Safety and Quality, International Meeting on Simulation in Healthcare.  
San Diego, CA (January 2020)
27. Professor/Moderator, Developmental Research Projects, Procedural Skills, International Meeting on Simulation in Healthcare.  
San Diego, CA (January 2020)
28. Mentor, Speed Mentoring Event, International Meeting on Simulation in Healthcare.  
San Diego, CA (January 2020)
29. Facilitator, Healthcare Distance Simulation Summit, IPSS and INSPIRE, (August 2020)
30. Expert/Mentor for small group/research discussion, INSPIRE meeting at the International Meeting on Simulation in Healthcare,  
Held online due to pandemic (January 2021)

31. Professor, Professor Rounds, International Meeting on Simulation in Healthcare.  
Held online due to pandemic (January 2021)
32. Professor/Moderator, Research Abstracts, COVID-19, International Meeting on Simulation in Healthcare  
Held online due to pandemic (January 2021)
33. Professor/Moderator, Developmental Research Projects, Resuscitation, Clinical Outcomes, Cultural Fluency, International Meeting on Simulation in Healthcare  
Held online due to pandemic (January 2021)
34. Moderator, INSPIRE ALERT Presentations, International Meeting on Simulation in Healthcare  
Virtual meeting, September 2022
35. Wing R, Franco M, Musits A, Overly F, Decerbo P, Vrablik L, **Brown LL**. Mock Mock, Who's There? Developing a Robust Mock Code Program. Workshop for 23rd Annual International Meeting on Simulation in Healthcare (IMSH) Conference. Orlando, FL. January 2023

## **EDITORIAL ACTIVITIES**

### ***Ad hoc Reviewer***

*Academic Emergency Medicine  
Simulation in Healthcare Pediatric  
Emergency Care Pediatrics  
BMJ Simulation & Tech Enhanced Learning  
Pediatrics  
Pediatric Emergency Medicine*

## **GRANT SUPPORT**

1. **Rhode Island Risk Management Foundation**  
Co-Investigator: Integrating a Multidisciplinary Teamwork Training Program into the Pediatric Emergency Department (\$58,000), 2009-2010
2. **University Emergency Medicine Foundation Junior Faculty Development Grant**  
PI: Improving Pediatric Resuscitation in the Community ED: a Needs Assessment, 2010
3. **AHRQ (Agency for Healthcare Research and Quality)**  
PI: Improving pediatric resuscitation in the community ED, a simulation needs analysis and intervention (approx. \$300,000/year), 2011-2014
4. **EMSC Targeted Issues Grant (Emergency Medical Services for Children)**  
Co-investigator: Small Victims, Big Challenges: Refining Pediatric Disaster Triage Algorithms and Education in the Pre-Hospital Setting (\$300,000/year), 2010-2013
5. **Canadian Heart and Stroke Association**  
Co-investigator as part of EXPRESS collaborative, Assessing and Improving the Quality of Cardiopulmonary Resuscitation (CPR) Delivered During Pediatric Cardiac Arrest Using a Novel Pediatric CPR Feedback Device. (approx. \$150,000/year), 2011-2014
6. **Rhode Island Risk Management Foundation**  
Co-investigator, Vital signs: a quality improvement project to improve patient outcomes and return visits in the PED (\$18,000), 2012-2013
7. **RBaby Foundation**  
Co-investigator, Improving pediatric acute care through simulation (ImPACTS) (\$300,000), 2013-2014

**8. RBaby Foundation**

Co-investigator, Mobile Pediatric Simulation (ImPACTS) (\$150,000) , 2014-2015

**9. SAMSHA**

Co-investigator, SBIRT Training for EM residents and Fourth Year Medical Students (\$778,403), 2015-2018

**10. RISE**

Co-investigator, Airway skills for Hospitalists (Newport Hospital, Newport, RI) (\$10,000), 2017-2018

**11. MCHB-HRSA-18-127**

Co-investigator, Pediatric Emergency Care Coordinator (PECC) Learning Collaborative Demonstration Project (\$100,000), 2018-2019

**12. Brown EM Innovation Grant**

Co-investigator, Pediatric Prehospital Provider Quality Feedback Project (\$8,000), 2018-2019

**13. Brown EM Innovation Grant**

Co-investigator, Be Prepared: Caring for Acute Behavioral Health Crises in the Pediatric Emergency Department (\$8,000), 2018-2019

**14. Brown EM Innovation Grant**

Co-investigator, Looking Glass Project (\$2500), 2018-2019

**15. EMSC (Emergency Medical Services for Children) Targeted Issues Grant**

Co-Investigator, Pediatric Emergency Care Coordinators: Measuring the Effect, Magnifying the Impact (\$325,000/year), 2019-2023

**16. Brown EM Innovation Grant**

Co-Investigator, pEMBARK Program: Early Career PEM Faculty Mentoring Pilot (\$2500), 2019-2020

**17. HRSA EMSC-EIIC Telehealth Learning Collaborative**

Co-investigator, RI-TLC: Emergency De-escalation and Safe Transport of Pediatric Patients with Behavioral Health Crisis (\$42,949), 2021

**18. Brown Physicians, Inc. Academic Assessment Grant**

Co-investigator, Developing an Emergency Medicine Faculty Interactive Training on Necessary Emergency Skills & Simulation (EMFITNESS) Program (\$12,412), 2022

**19. Brown EM, Faculty Development Grant**

Mentor, (Robyn Wing PI) NEAR4PEM Pediatric Airway Management Checklist (\$40,000), 2022

**20. R21-R33 Combined Mechanism Johns Hopkins University Grant**

Site Co-Investigator, Kleinman K & Jeffers J, Principal Investigators, AR-CPR: Refinement and Large-Scale Simulation-Based Testing of a Novel Augmented Reality Point of Care Chest Compression Feedback System.

\$1,024,000 April 2023-March 2028

**UNIVERSITY TEACHING, ADVISING AND MENTORING ROLES**

1. Introduction to Pediatrics and The Pediatric History and Physical Exam: Tutorials for second year medical students,

Yale University School of Medicine, New Haven, CT (2004-2007), average class size 5

2. Preceptor for longitudinal in Pediatric Emergency Medicine (IS 750) Warren Alpert Medical School of Brown University, Providence, RI (2009-2010)
3. Group Discussion leader, Introduction to Epidemiology for Warren Alpert Medical School of Brown University, Providence, RI (BIOL 3662, BIOL 3664)  
(Fall 2010, Spring 2014, Fall 2014, Fall 2015, Fall 2017) average class size 15-20
4. Preceptor for Advanced Clinical Mentorship in Pediatrics for Warren Alpert Medical School of Brown University, Providence, RI (ACM-3576): Joseph Schmidhofer (2014-2015)
5. Guest Faculty, Leadership in Healthcare: Managing Crises: High Stakes Clinical Teamwork, Warren Alpert School of Medicine of Brown University, Providence, RI (2017, 2018)
6. Guest Faculty, Communication in High Stakes Clinical Situations, Gateways to Medicine, Healthcare and Research Program, Warren Alpert Medical School of Brown University, Providence, RI (2017, 2018)
7. Faculty Research Mentor, Olivia Sehlhorst, MPH Candidate, Brown University School of Public Health (2019-2020)

#### **HOSPITAL TEACHING, ADVISING AND MENTORING ROLES**

1. Co-Director, Pediatric Emergency Medicine Fellow Curriculum in Medical Simulation - Directed and taught monthly simulation session for Pediatric Emergency Medicine Fellows  
Lifespan Medical Simulation Center, Providence, RI (2007-2017)
2. Director, Emergency Resident Pediatric Simulation Curriculum - Directed and taught 10 simulation sessions/year for Emergency Medicine Residents  
Lifespan Medical Simulation Center, Providence, RI (2007-2017)
3. Instructor, Journal Club for Pediatric Emergency Medicine Fellows - yearly,  
Hasbro Children's Hospital, Providence, RI (2007-2017)
4. Instructor, High School Career Exploration Simulation Sessions for National Youth Leadership Forum -  
"A sim day in the life of an ED physician", Taught simulation sessions for 50-150 students/year  
Lifespan Medical Simulation Center, Providence RI (2007-2011)
5. Instructor, Pediatric Sims for EM Physicians - Lectured, led discussions and facilitated simulations for CME course for EM physicians (yearly)  
Lifespan Medical Simulation Center, Providence, RI (2007-2010)
6. Instructor, Pediatric Sims for Office Emergencies - Lectured, led discussions and facilitated simulations for CME course for pediatricians and office staff (yearly)  
Lifespan Medical Simulation Center, Providence, RI (2007-2010)
7. Instructor, EM Resident Intern Orientation - Taught Pediatric sessions once yearly for 12 EM residents  
Hasbro Children's Hospital, Providence, RI (2008-2010, 2016)
8. Co-Director, Pediatric Procedural Sedation Course - Directed and taught course on procedural sedation for pediatric and emergency medicine residents and pediatric emergency medicine fellows (avg 3-4 year)  
Lifespan Medical Simulation Center, Providence, RI (2008-2011)
9. Director and Instructor, Pediatric Advanced Airway course - Directed and taught course on basic and

advanced airway techniques for Pediatric and Emergency Medicine residents and PEM Fellows, (avg 3-4 sessions/year)

Lifespan Medical Simulation Center, Providence, RI (2008-2017)

- 10.** Director, Pediatric Mock Code Program - Directed and facilitated monthly mock codes on the pediatric inpatient wards for interprofessional teams  
Hasbro Children's Hospital, Providence, RI (2009-2017)
- 11.** Co-Director and Instructor, Team Training for Pediatric Emergency Department Staff - Lectured and assisted with simulations for all MDs, RNs, CNAs  
Lifespan Medical Simulation Center/Hasbro Children's Hospital, Providence, RI (2010-2011)
- 12.** Director, Simulation Enhanced PALS - Directed and taught PALS for EM and pediatric residents yearly  
Lifespan Medical Simulation Center, Providence, RI (2011-present)
- 13.** Instructor, Pediatric Procedural Sedation Course - Taught course on procedural sedation for pediatric and emergency medicine residents and pediatric emergency medicine fellows (avg 3-4/year)  
Lifespan Medical Simulation Center, Providence, RI (2011-present)
- 14.** Instructor, Pediatric Resident Curriculum in Medical Simulation, Difficult Discussions - Taught simulation sessions for pediatric residents (twice yearly)  
Lifespan Medical Simulation Center, Providence, RI (2011-2014, 2017)
- 15.** Instructor, Difficult Airway Course - Taught Pediatric airway station for EM residents and PEM fellows  
Lifespan Medical Simulation Center, Providence, RI (2011-2013, 2016)
- 16.** Instructor, Pediatric Resident Curriculum in Medical Simulation, Cardiac Simulations - Taught simulation sessions for pediatric residents (twice yearly)  
Lifespan Medical Simulation Center, Providence, RI (2011-2014)
- 17.** Co-Director and Instructor, Mock Mock Code Course  
Taught Pediatric and Internal Medicine Chief Residents and PEM fellows Techniques for facilitating and debriefing in-situ simulations, (yearly) Lifespan Medical Simulation Center, Providence, RI (2012-present)
- 18.** Instructor, RI ACEP Pediatric Simulation Workshop Lectured and facilitated skills stations on pediatric emergencies  
Lifespan Medical Simulation Center, Providence, RI (2014)
- 19.** Co-Director and Instructor, Office Emergencies for Oral Surgeons - Lectured, Facilitated Simulations  
Lifespan Medical Simulation Center, Providence, RI (2014,2016,2018,2021)
- 20.** Director, First Five-Minute Curriculum for pediatric residents and nurses; worked with interprofessional team to develop and implement curriculum for pediatric in-hospital cardiac arrest response  
Hasbro Children's Hospital, Providence, RI (2015-2017)
- 21.** Director, EXCEL Curriculum (Excellence in Communication and Emergency Leadership) for pediatric residents. Worked with pediatric chief residents and PEM fellows to develop and implement curriculum for twice monthly conferences focused on improving emergency management and leadership skills  
Hasbro Children's Hospital, Providence, RI (2015-2017)
- 22.** Instructor, Kent Emergency Medicine Resident Pediatric Simulation Program - Taught quarterly simulation session for EM residents (and faculty) in pediatric emergencies (30-40 people per session)  
Lifespan Medical Simulation Center, Providence, RI (2015-present)

23. Instructor, Pediatric Emergency Medicine Morbidity and Mortality Conference - Led quarterly discussions of PEM faculty and fellows around pediatric cases  
Hasbro Children's Hospital, Providence RI (2015-present)
24. Instructor, RI ACEP Difficult Airway Workshop - Lectured and facilitated skills stations on pediatric airway management  
Lifespan Medical Simulation Center, Providence, RI (2017)
25. Instructor, Pediatric Emergency Medicine Fellow Curriculum in Medical Simulation - Taught monthly simulation session for Pediatric Emergency Medicine Fellows  
Lifespan Medical Simulation Center, Providence, RI (2017-present)
26. Instructor, Emergency Resident Pediatric Simulation Curriculum - Taught 10 simulation sessions/year for Emergency Medicine Residents  
Lifespan Medical Simulation Center, Providence, RI (2017-present)
27. Instructor, Pediatric Advanced Airway Course - Directed and taught course on basic and advanced airway techniques for Pediatric and Emergency Medicine residents and PEM Fellows (avg 3-4/year)  
Lifespan Medical Simulation Center, Providence, RI (2017-present)
28. Co-Director and Instructor, RI AAP Office Emergencies CME Course - Lectured and facilitated skills stations on pediatric emergencies  
Lifespan Medical Simulation Center, Providence, RI (November 2018)
29. Instructor, EXPLO, Career Exploration for High School Students - Lectured on Skills in Emergency Medicine  
Lifespan Medical Simulation Center, Providence RI (Spring 2019)
30. Instructor, PALS for EMS providers/Pediatric Emergency Care Coordinators - Lectured and facilitated simulations and skills stations  
Lifespan Medical Simulation Center, Providence RI (Spring 2019)
31. Instructor, PALS instructor course for EMS providers/Pediatric Emergency Care Coordinators - Lectured and facilitated simulations and skills stations  
Lifespan Medical Simulation Center, Providence RI (Spring 2019)
32. Instructor, PEPP (Pediatric Education for Prehospital Professionals) coordinator course for EMS providers/Pediatric Emergency Care Coordinators - Lectured and facilitated simulations and skills stations  
Lifespan Medical Simulation Center, Providence RI (Spring 2019)
33. Director and Instructor, Pediatric Emergencies course for EMS providers/Pediatric Emergency Care Coordinators - Lectured and facilitated simulations and skills stations  
Lifespan Medical Simulation Center, Providence RI (Spring 2019)

#### **MENTORING ROLES OF STUDENTS, TRAINEES, AND FACULTY:**

1. **Moon Lee, MD/** Faculty Research Mentor  
Hasbro Children's Hospital PEM Fellowship, Providence, RI, 2007-2010
2. **Emily Zajano, MD/** Faculty Research Mentor  
Hasbro Children's Hospital PEM Fellowship, Providence, RI, 2008-2011
3. **Therese Canares, MD/** Faculty Research Mentor  
Hasbro Children's Hospital PEM Fellowship, Providence, RI, 2011-2014

4. **Marleny Franco, MD/** Faculty Research Mentor  
Hasbro Children's Hospital PEM Fellowship, Providence, RI, 2012-2015
5. **Marianne Nocera, MD /**Faculty Research Mentor  
Hasbro Children's Hospital PEM Fellowship, Providence, RI, 2013-2016
6. **Robyn Wing, MD/** Faculty Research Mentor  
Hasbro Children's Hospital PEM Fellowship, Providence, RI, 2014-2016
7. **Hoi See Tsao, MD/** Faculty Research Mentor  
Hasbro Children's Hospital PEM Fellowship, Providence, RI, 2018-2020
8. **Lauren Vrablik, MD/** Faculty Research Mentor  
Hasbro Children's Hospital PEM Fellowship, Providence, RI, 2020-present
9. **Carli Haasbroek, MD/** Faculty Research Mentor  
Hasbro Children's Hospital PEM Fellowship, Providence, RI, 2022-present