

CURRICULUM VITAE

ROBYN WING, MD, MPH, FAAP

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EDUCATION

Undergraduate	Providence College , Providence, RI Bachelor of Science, Biology Summa Cum Laude	2001 - 2005
<i>Honors:</i>	CRC Press Chemistry Achievement Award, 2002 Stephen J. Ryan, M.D., '30 Distinguished Student Award, 2005	
Medical School	University of Massachusetts Medical School , Worcester, MA Doctor of Medicine	2005 - 2009
<i>Honors:</i>	American Medical Women's Association Award, 2009 Chancellor's Award. 2009 Alpha Omega Alpha Medical Honor Society, 2009	
Graduate School	Brown University School of Public Health , Providence, RI Master of Public Health	2013 - 2016

POSTGRADUATE TRAINING

Residency	University of Massachusetts Medical School , Worcester, MA Resident, Pediatrics	2009 - 2012
Chief Residency	University of Massachusetts Medical School , Worcester, MA Chief Resident, Pediatrics	2012 - 2013
Fellowship	Alpert Medical School of Brown University , Providence, RI Hasbro Children's Hospital Fellow, Pediatric Emergency Medicine	2013 - 2016
Certificate Courses	American Academy of Medical Colleges (AAMC) Medical Education Research Certificate (MERC) Program Program to improve medical education research skills	2015 - 2020

POSTGRADUATE HONORS AND AWARDS (Select)

2014	PEM Fellow Medical Student Educator Award Pediatric Emergency Medicine Division, Brown University
2014	Lifespan Research Symposium Honorable Mention in Clinical Science Research Lifespan Hospitals, Providence, RI
2016	PEM Medical Student Fellow Educator of the Year Award Pediatric Emergency Medicine Division, Brown University

2017	Innovation in Education Award Department of Emergency Medicine, Brown University “Recognizes the faculty member who has demonstrated innovative and effective new approaches to emergency medicine education”
2018	Clinical Excellence Award Department of Emergency Medicine, Brown University “Recognizes leadership, teamwork, great work on a particular case or in a particular clinical situation, clinical efficiency, and throughput, ethics, volunteerism and communication.”
2020	Brite Lite Nominee Hasbro Children’s Hospital “Brite Lites are selected as those who best exemplify “the four Cs” at Hasbro Children’s Hospital: caring, communication, cooperation and competence.”
2020	Excellence in Educational Leadership Award Department of Emergency Medicine, Brown University “Recognizes the faculty member who has demonstrated an outstanding commitment to educational programming advancement and/or innovative curricular development.”
2021	Best Research Award Brown Emergency Medicine Research Symposium For my fellow mentee’s research project entitled, “Use of a pedal-operated compressor is non-inferior to the use of a standard hand-compressed bag-valve-mask”
2021	Outstanding Didactic Presentation in Pediatric Emergency Medicine Brown Emergency Medicine, Brown University “Recognizes an exceptional didactic session, lecture, workshop or seminar that was delivered to emergency medicine residents or at a national meeting.” Specifically: “Outstanding state of the art didactic presentations during simulation trainings that advanced knowledge of pediatric skills to trainees, faculty, pre-hospital providers and were translated to curriculum at regional and national levels”
2022	American College of Emergency Physician’s (ACEP) National Emergency Medicine Junior Faculty Teaching Award “Given to an outstanding educator who demonstrates superior clinical teaching.”

PROFESSIONAL LICENSES AND BOARD CERTIFICATIONS

2011 – 2022	Massachusetts Medical License #248913
2013 – 2014	Limited Rhode Island Medical License
2012 – Present	American Board of Pediatrics, General Pediatrics
2013 – Present	Pediatric Advanced Life Support (PALS) Instructor
2014 – Present	Rhode Island Medical License #MD14618
2017 – Present	American Board of Pediatrics, Pediatric Emergency Medicine
2019 – Present	Pediatric Education for Prehospital Professionals (PEPP) Course Coordinator

Active Certifications:	Basic Life Support (BLS) Pediatric Advanced Life Support (PALS) Neonatal Resuscitation Program (NRP) Pediatric Education for Prehospital Professionals (PEPP)
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2015 – Present	Credentialed in Emergency Point of Care Ultrasound: FAST and Cardiac
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Rhode Island Hospital, Providence, RI

ACADEMIC APPOINTMENTS

2012 – 2013	Chief Resident, Pediatrics University of Massachusetts Medical School	Worcester, MA
2012 – 2013	Instructor of Pediatrics University of Massachusetts Medical School	Worcester, MA
2013 – 2016	Instructor of Pediatric Emergency Medicine Alpert Medical School of Brown University Division of Pediatric Emergency Medicine	Providence, RI
2016 – 2022	Assistant Professor, Teaching Scholar Track Alpert Medical School of Brown University Department of Emergency Medicine & Pediatrics Division of Pediatric Emergency Medicine	Providence, RI
2022 – present	Associate Professor, Teaching Scholar Track Alpert Medical School of Brown University Department of Emergency Medicine & Pediatrics Division of Pediatric Emergency Medicine	Providence, RI

HOSPITAL APPOINTMENTS

2011 – 2016	Attending Pediatrician ED Pediatric Consultant & Pediatric Hospitalist Department of Pediatrics St. Vincent's Hospital	Worcester, MA
2011 – 2021	Attending Pediatrician Attend high-risk deliveries & cover newborn nursery Department of Pediatrics St. Vincent's Hospital	Worcester, MA
2012 – 2013	Urgent Care Pediatrician Department of Pediatrics Reliant Medical Group	Worcester, MA
2014 – 2016	Fast Track Pediatrician Division of Pediatric Emergency Medicine Hasbro Children's Hospital	Providence, RI
2015 – 2016	Pediatric Emergency Medicine Physician Division of Pediatric Emergency Medicine University of Massachusetts Children's Medical Center	Worcester, MA
2016 – Present	Pediatric Emergency Medicine Attending Division of Pediatric Emergency Medicine Hasbro Children's Hospital	Providence, RI

DEPARTMENTAL LEADERSHIP APPOINTMENTS

2017 – 2019	Clinical Director , Hasbro Emergency Department Rotation for EM Residents
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	Alpert Medical School of Brown University	Providence, RI
2020 – Present	Director , PEM Fellowship Scholarly Concentration in Medical Simulation Alpert Medical School of Brown University	Providence, RI

AREA OF FOCUS LEADERSHIP APPOINTMENTS

2017 – Present	Director of Pediatric Simulation Lifespan Medical Simulation Center	Providence, RI
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OTHER APPOINTMENTS/CONSULTANT

HOSPITAL COMMITTEES

2008 – 2010	Department of Quality and Patient Safety University of Massachusetts Medical Center Member Organized and implemented quality improvement projects	Worcester, MA
2009 – 2013	PICU Multidisciplinary Committee University of Massachusetts Children's Medical Center Member Met monthly to discuss clinical and quality issues in PICU	Worcester, MA
2012 – 2013	Patient Flow Committee University of Massachusetts Children's Medical Center Member Met monthly to discuss patient flow from emergency department to pediatric ward and PICU	Worcester, MA
2014 – 2017	Quality & Safety Committee Hasbro Children's Hospital, Emergency Department, Member Met monthly to discuss pediatric quality and safety issues in the Pediatric Emergency Medicine Department	Providence, RI
2015 – 2016	OpX/Quality Project Team Committee Hasbro Children's Hospital, Member Met weekly to discuss improvements in patient flow through the emergency department	Providence, RI
2015 – 2016	Pediatric Performance Improvement/Patient Safety Committee Hasbro Children's Hospital, Member Met monthly to discuss pediatric quality and safety issues	Providence, RI
2015 – 2017	Clinical Pathways Committee Hasbro Children's Hospital Met regularly to develop clinical pathways for common pediatric complaints (ex. Infant with fever, sickle cell crisis)	Providence, RI
2016 – 2020	Lifespan Medical Simulation Center Operations Committee Lifespan Medical Group, Member Meets monthly to discuss operations of simulation center	Providence, RI
2015 – Present	Pediatric Cardiac Arrest Committee Hasbro Children's Hospital	Providence, RI

	Meets monthly and as needed to discuss pediatric cardiac arrests Member: 2015 – 2019, 2023 - Present <u>Co-Chair:</u> 2020 - 2023	
2023 – Present	Health Care Traffic Safety Media Team Lifespan Injury Prevention Center Team member working to disseminate motor vehicle related prevention messages multiple media platforms	Providence, RI
2023 – Present	Core Simulation Faculty, Pediatrics Lifespan Medical Simulation Center	Providence, RI

UNIVERSITY COMMITTEES

2009 – 2013	Residency Selection Committee Department of Pediatrics, Member University of Massachusetts Medical School	Worcester, MA
2010 – 2012	Liaison Committee on Medical Education Self-Study Task Force (LCME) Sub-committee Co-leader University of Massachusetts Medical School	Worcester, MA
2011 – 2013	Residency Advisory Committee Department of Pediatrics, Member University of Massachusetts Medical School	Worcester, MA
2015 – Present	Office of Women in Medicine & Science Advisory Board Alpert Medical School of Brown University, Member Lactation Support Subcommittee, 2020 - Present Parental Support Subcommittee, 2021 – Present	Providence, RI
2017 – Present	Brown Emergency Medicine Simulation Fellowship Core Faculty Department of Emergency Medicine Alpert Medical School of Brown University	Providence, RI
2017 – Present	Clinical Competency Committee Department of Emergency Medicine, Member Alpert Medical School of Brown University	Providence, RI
2018 – Present	Emergency Medicine Education Section Department of Emergency Medicine, Member Alpert Medical School of Brown University	Providence, RI
2020 – Present	Pediatric Emergency Medicine Education Committee Department of Emergency Medicine, Member Alpert Medical School of Brown University	Providence, RI
2021 – Present	PEM Faculty Interactive Training on Necessary Emergency Skills & Simulation (PEM FITNESS) Task Force/Committee Co-Leader Department of Emergency Medicine Alpert Medical School of Brown University	Providence, RI
2023 – Present	Scheduling Task Force Department of Emergency Medicine, Member Alpert Medical School of Brown University	Providence, RI

2023 – Present	Emergency Medicine New Faculty Ambassador Program Department of Emergency Medicine, New Faculty Ambassador Alpert Medical School of Brown University	Providence, RI
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MEMBERSHIP and ROLES IN SOCIETIES

2006 – 2013	Massachusetts Medical Society (MMS) • MMS House of Delegates Member, 2011-2013
2006 – 2013	Worcester District Medical Society
2009 – Present	American Academy of Pediatrics • Section on Pediatric Trainees, 2008 – 2015 • Section on International Child Health, 2012 – 2015 • Section on Early Career Physicians, 2013 - 2021 • Section on Emergency Medicine (SOEM), 2013 – Present ○ SOEM Education Subcommittee, 2021 – Present ○ Women in PEM SIG, 2021 - Present • Rhode Island Chapter, 2013 - Present
2013 – Present	Rhode Island Medical Society
2016 – Present	Society for Simulation in Healthcare (SSH) ▪ International Simulation Data Registry (ISDR) Committee, 2018-Present
2016 – 2018	Society of Academic Emergency Medicine (SAEM)
2017 – Present	American College of Emergency Physicians (ACEP) • ACEP Simulation Peer Review Committee, Chair of Pediatric Trauma Section, 2019 – Present
2017 – Present	MomDocFamily (MDF) , Office of Women in Medicine & Science, Alpert Medical School Brown University
2017 – Present	International Pediatric Simulation Society (IPSS)
2017 – Present	International Network for Simulation-based Pediatric Innovation, Research & Education (INSPIRE) • INSPIRE Awards and Funding Committee, 2020 – Present
2020 – Present	National Emergency Airway Registry for Kids (NEAR4KIDS) • Quality Improvement Committee, PEM Representative, 2020 - Present
2021 – Present	National Emergency Airway Registry for Pediatric Emergency Medicine (NEAR4PEM) • Co-Founder • NEAR4PEM Executive Committee, Co-Chair, 2021 – Present • NEAR4PEM Airway Bundle Committee, Co-Chair, 2021 - Present

PUBLICATIONS

Original Publications in Peer-Reviewed Journals

1. **Wing R**, James C, and Armsby CC, Early Use of High-Flow Nasal Cannula Support Reduces the Need for Intubation in Pediatric Acute Respiratory Insufficiency. *Pediatric Emergency Care* 2012; 28(11): 1117-23.
2. **Wing R**, Dor MR, and McQuilkin PA. Fever in the Pediatric Patient. *Emerg Med Clin N Am*, 2013 Nov;31(4): 1073-1096.
3. **Wing R**, and James C, Pediatric Head Injury and Concussion. *Emerg Med Clin N Am*, 2013 Aug;31(3): 653-675.
4. **Wing R**, Manno M. Gone but Not Forgotten – A Case of Respiratory Distress. *Clinical Pediatrics* 2015; 54(7) 697-699.
5. **Wing R** & Armsby C. Non-invasive Ventilation in Pediatric Acute Respiratory Illness. *Clinical Pediatric Emergency Medicine*. 2015 Oct;16(3): 154- 161.
6. **Wing R**, Gjelsvik A, Nocera M, McQuaid EL. Association Between Adverse Childhood Experiences in the Home and Pediatric Asthma. *Ann of Allergy Asthma and Immunol*, 2015; 114:379-384.
7. **Wing R**, Jacobs E, Amanullah S, Clark M, Merritt C. Heads Up: Communication is Key in School Nurses' Preparedness for Facilitating "Return To Learn" Following Concussion. *Clinical Pediatrics*, 2016; 55(3): 228-235.
8. Nocera M, Gjelsvik A, **Wing R**, & Amanullah S. The Association of Parental Coping and Childhood Injury. *Maternal Child Health J*, 2016; 20(11): 2357-2366.
9. Tensing M, Scherzer D, Hunt E, **Wing R**, and other PEAK Investigators of the International Network for Simulation-based Pediatric Innovation, Research and Education (INSPIRE). Prevalence of Errors in Anaphylaxis in Kids (PEAK): A Multicenter Simulation-Based Study. *The Journal of Allergy and Clinical Immunology: In Practice*, 2020 Apr; 8(4): 1239-1246.
10. Musits A, **Wing R**, Petrone G, & Brown L, et al. Interdepartmental Collaboration for Simulation-based Education: Obstetric Emergencies for Emergency Medicine. *Rhode Island Medical Journal*, 2020; 103 (4): 42-45.
11. **Wing R**, Tsao HS, Toomey V, Mercurio L, Kelley M & Brown L, et al. Excellence in Communication and Emergency Leadership (ExCEL): Pediatric First 5 Minutes Workshop for Residents. *MedEdPORTAL*. 2020;16:10980. https://doi.org/10.15766/mep_2374-8265.10980
12. Leviter J, Sojar S, Ayala NK and **Wing R**. Thyrotoxicosis in a postpartum adolescent: a simulation case for emergency medicine providers. *MedEdPORTAL*. 2020; 16: 10967. https://doi.org/10.15766/mep_2374-8265.10967
13. **Wing R**, Baird J, Duffy S, Brown L, Overly F, Kelley M & Merritt C. Pediatric Airway Assessment Tool (PAAT): a rating tool to assess resident proficiency in simulated pediatric airway skills performance. *MedEdPORTAL*.2020;16:10997. https://doi.org/10.15766/mep_2374-8265.10997
14. Slingsby B, Moore J, **Wing R**, and Brown L. When Parents Hit: Providing Education to Physician Trainees About Corporal Punishment Through a Pilot Simulation and Debriefing. *Pediatric Emergency Care*. 2021 May 1;37(5):269-272. doi: 10.1097/PEC.0000000000002131. PMID: 32530835.
15. Kelley M, Mercurio L, Toomey V, Carillo M, Tsao H, Brown L, & **Wing R**. Excellence in Communication and Emergency Leadership (ExCEL): Pediatric Primary and Secondary Survey in Trauma Workshop for Residents. *MedEdPORTAL*. 2021;17:11079. https://doi.org/10.15766/mep_2374-8265.11079

16. Zhang XC, Matson AM, Gil JA, Chiou D, **Wing R**, Kobayashi L, Cruz AI Jr. "Wrist reduction instruction with simulation technology (WRIST) interdisciplinary emergency medicine and orthopedic surgery study." *SSH IMSH2021 Technical Proceedings*, March 21, 2021, available at SSRN: <http://dx.doi.org/10.2139/ssrn.3808897> doi.: 10.21389/ssrn.3808897
17. Abulebda A, Yuknis M, Whitfill T, **Wing R**, Brown L, Auerbach M, et al. Preparedness for Pediatric Office Emergencies: A Multicenter, Simulation-Based Study. *Pediatrics*. 2021 Sept ; 148(3)_e2020038463. doi: 10.1542/peds.2020-038463. PMID: 34433688.
18. Tsao HS, Kelley MN, Allister L & **Wing R**. COVID-19 Pneumonia and Status Asthmaticus with Respiratory Failure in a Pediatric Patient: A Simulation for Emergency Medicine Providers. *MedEdPORTAL*. 2022; 18:11214. https://doi.org/10.15766/mep_2374-8265.11214
19. Musits A, Merritt C, Petrone G, Brown L, **Wing R**, Smith J, Tubb B, & Clyne B. Faculty support bundle for simulation education. *The Clinical Teacher*. 2022 Jan; 1-6. <https://doi.org/10.1111/tct.13460>
20. Sojar S, Neronha Z, Vuong B, Puzone JR, Decerbo PC & **Wing R**. Use of a pedal-operated compressor is non-inferior to the use of a standard hand-compressed bag-valve-mask. *Journal of American College of Emergency Physicians (JACEP)*, 2022 Feb. <https://doi.org/10.1002/emp2.12668>
21. Slingsby B, Moore J, **Wing R**, Garro A, and Brown L. Identifying Barriers to Trainees Addressing Corporal Punishment and Effective Discipline using Simulation and Semi-Structured Debriefing. *Pediatric Emergency Care*. 2022 Jul 1;38(7):312-316. doi: 10.1097/PEC.0000000000002769. Online ahead of print. PMID: 35696301
22. **Wing R**, Tsao HS, Carillo M, Beucher M, Mercurio L, Brown L, & Kelley M. Excellence in Communication and Emergency Leadership (ExCEL): Pediatric Critical Care Resource Utilization Workshop for Pediatric Residents. *MedEdPORTAL*. 2022; 18: 11268. https://doi.org/10.15766/mep_2374-8265.11268 PMID: 36033915
23. Kelly J, Schmidt C, **Wing R**, Jacobs E, & Duffy S. Cardiopulmonary Resuscitation Training in Select Rhode Island High Schools: A Descriptive Study. *Rhode Island Medical Journal*, Nov 2022, 105(9):42-46. PMID: 36300965
24. Miller K, Dechnick A, Miller A, D'Ambrosi G, Monuteaux M, Thomas P, Kerrey B, Neubrand T, Goldman M, Prieto M, **Wing R**, Breuer R, D'Mello J, Jakubowicz A, Nishisaki A, Nagler J. See One, See One, Teach One – Decisions on Allocating Intubation Opportunities in Pediatric Emergency Medicine. *Academic Emergency Medicine – Education and Training*. 2022 Dec; 6:e10830. <https://doi.org/10.1002/aet2.10830> PMID: 36562026
25. Aquino M, **Wing R**, Decerbo P, Tanzer J, and Brown L. Outcomes of simulation-based anaphylaxis education in a diverse group of participants. *Annals of Asthma, Allergy and Immunology*, 2022 Nov;129(5):638-640. DOI: [10.1016/j.anai.2022.07.032](https://doi.org/10.1016/j.anai.2022.07.032) PMID: 35931344
26. Miller K, Dechnick A, Miller A D'Ambrosi G, Monuteaux M, Thomas P, Kerrey B, Neubrand T, Goldman M, Prieto M, **Wing R**, Breuer R, D'Mello J, Jakubowicz A, Nishisaki A, Nagler J. Video-assisted Laryngoscopy for Pediatric Tracheal Intubation in the Emergency Department: A Multicenter Study of Clinical Outcomes. *Annals of Emergency Medicine*, 2023 Feb; 81(2): 113 – 122. doi: 10.1016/j.annemergmed.2022.08.021. PMID: 36253297
27. Miller K, Prieto M, **Wing R**, Goldman M, Polikoff L, Nishisaki A, & Nagler J. Pediatric Airway Management Checklist for the Emergency Department: A Modified Delphi Approach. *Emergency Medicine Journal*, 2023 Feb. <https://doi.org/10.1136/emergmed-2022-212758> PMID: 36788006
28. Tan YT, Shin CKJ, Park B, Bharath A, **Wing R**, Monteilh C, Sanseau E, Boswell B, Pearce J, Luetje M, Enriquez B, Cicero M, Thomas A. Pediatric Emergency Medicine Didactics and Simulation (PEMDAS): JumpSTART Secondary Triage for Mass Casualty Incident. *Cureus* 15(6): e4009. June 2023. DOI: 10.7759/cureus.40009

29. Jackson J & **Wing R**. The Boarding Boiling Point. *Pediatrics*. 2023;152(2):e2022060783. PMID: 37431611. DOI: [10.1542/peds.2022-060783](https://doi.org/10.1542/peds.2022-060783)
30. Barber Doucette H, Wilson T, Vrablik L, & **Wing R**. Implicit Bias & Patient Care: Mitigating Bias, Preventing Harm. *MedEdPORTAL*. 2023;19:11343. https://doi.org/10.15766/mep_2374-8265.11343

Other Peer-Reviewed Publications

1. **Wing R**. Things That Go “Ouch” in the Ocean. *Toxic Natter* Issue 12, Summer 2014. Newsletter for the Division of Medical Toxicology at Rhode Island Hospital.

Book Chapters

1. **Wing R** and McQuilkin T. Hemophilia. In Domino JF (19th Edition) *The 5-Minute Clinical Consult* 2011. Philadelphia, PA: Lippincott Williams and Wilkins; 570-571, 2011. Print and online.
2. **Wing R** and McQuilkin T. Hemophilia. In Domino JF (20th Edition) *The 5-Minute Clinical Consult* 2012. Philadelphia, PA: Lippincott Williams and Wilkins; 568-569, 2012. Print and online.
3. **Wing R**, Durbin W, and Manno M. Fever in the First 3 Months of Life Algorithm. In Domino FJ (24th Edition) *The 5-Minute Clinical Consult* 2015. Philadelphia, PA: Lippincott Williams and Wilkins; A-50, 2015. Print and online.
4. **Wing R** and Durbin W. Fever in the First 3 Months of Life Algorithm. In Domino FJ (25th Edition) *The 5-Minute Clinical Consult* 2016. Philadelphia, PA: Lippincott Williams and Wilkins; A-50, 2016. Print and online.
5. **Wing R** and McCarthy M. Fever in the First 3 Months of Life Algorithm. In Domino FJ (27th Edition) *The 5-Minute Clinical Consult* 2019. Philadelphia, PA: Lippincott Williams and Wilkins; A-46, 2019. Print and online.
6. **Wing R**. Munchausen by Proxy. In Fleisher and Ludwig (2nd Edition) *The 5-Minute Pediatric Emergency Medicine Consult* 2018. Philadelphia, PA: Wolters Kluwer Health; 562-563, 2019. Print and online.
7. **Wing R** and McCarthy M. Fever in the First 3 Months of Life Algorithm. In Domino FJ (28th Edition) *The 5-Minute Clinical Consult* 2020. Philadelphia, PA: Lippincott Williams and Wilkins; A-46, 2020. Print and online.
8. Mercurio LY and **Wing R**. Fever in the First 3 Months of Life Algorithm. In Domino FJ (29th Edition) *The 5-Minute Clinical Consult* 2021. Philadelphia, PA: Lippincott Williams and Wilkins; A-46, 2021. Print and online.
9. Tsao HS and **Wing R**. The Rocking Pelvis. In Pediatric Traumatic Emergencies (Dietrich A, ed). New York, NY: Oxford University Press; 2020. Print and online. Available at: <https://oxfordmedicine.com/view/10.1093/med/9780190946623.001.0001/med-9780190946623-chapter-8>
10. Mercurio LY and **Wing R**. Fever in the First 90 Days of Life Algorithm. In Domino FJ (30th Edition) *The 5-Minute Clinical Consult* 2022. Philadelphia, PA: Lippincott Williams and Wilkins; A-47, 2022. Print and online.
11. **Wing R** and Amanullah S. Coccidioides immitis Attack (Coccidioidomycosis). In Ciotto G (2nd Edition) *Disaster Medicine*. New York, NY: Elsevier; Chapter 154; 844-848, 2023.

12. Mercurio L and **Wing R**. Fever in the First 60 Days of Life Algorithm. In Domino FJ (31st Edition) *The 5-Minute Clinical Consult* 2023. Philadelphia, PA: Wolters Kulwer; A-47, 2023. Print and online.

Other Non-Peer Reviewed Publications

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

Peer-Reviewed

1. **Wing R**. “Emergent Umbilical Venous Catheter (UVC) Placement”, *Brown Emergency Medicine Blog*, October 2015. Available at: <http://blogs.brown.edu/emergency-medicine-residency/emergent-umbilical-venous-catheter-uvc-placement/>
2. Prabhu E & **Wing R**. “The Neonate in Shock: When to Think Cardiac”, *Brown Emergency Medicine Blog*, November 2015. Available at: <http://blogs.brown.edu/emergency-medicine-residency/the-neonate-in-shock-when-to-think-cardiac/>
3. Dessie A, **Wing R**, Merritt C & Jacobs E. “Overly Traumatic: A Teenager Elbowed in the Stomach”, *Brown Emergency Medicine Blog*, December 2015. Available at: <http://blogs.brown.edu/emergency-medicine-residency/overly-traumatic-a-teenager-elbowed-in-the-stomach/#more-1642>
4. Ruest S & **Wing R**. “What a Pain in the Neck: C Spine Management in Pediatric Trauma”, *Brown Emergency Medicine Blog*, April 2016. Available at: <http://brownemblog.com/blog-1/2016/4/19/what-a-pain-in-the-neck-c-spine-management-in-pediatric-trauma>
5. Leviter J, **Wing R**, Rubinstein M & Constantine E. “A Fast Diagnosis”, *Brown Emergency Medicine Blog*, January 2017. Available at: <http://brownemblog.com/blog-1/2017/1/16/a-fast-diagnosis>
6. Miller L & **Wing R**. “Kawa-Shocky “ *Brown Emergency Medicine Blog*, September 2020. Available at: <http://brownemblog.com/blog-1/2020/8/20/kawa-shocky?rq=wing>

Non-Peer Reviewed

1. **Wing R**. “Sports Injuries to the Mouth: What to Do”, Author and Narrator in educational video for the Rhode Island Hospital Injury Prevention Center 4-Safety Program. October 2014. Available at: <https://www.lifespan.org/centers-services/pediatric-trauma-center/injury-prevention-videos>
2. **Wing R**. “What to do when a Child Has a Tooth Knocked Out”, Author and Narrator in educational video for the Rhode Island Hospital Injury Prevention Center 4-Safety Program, October 2014. Available at: <https://www.lifespan.org/centers-services/pediatric-trauma-center/injury-prevention-videos>
3. **Wing R** and Graham K. “Case-Based Learning Curriculum for Pediatric Residents & Medical Students”. November 2014. St. Damien’s Hospital, Port-au-Prince, Haiti (not available via a weblink)
4. “Kids Living in Dysfunctional Homes More Likely to Have Asthma”, *Allergic Living* magazine, April 15, 2015. Available at: <http://allergicliving.com/2015/04/16/dysfunctional-childhood-linked-to-higher-risk-of-asthma/>
5. “Association Between Adverse Childhood Experiences in the Home and Pediatric Asthma” Interview, Pulmonology Show on Sirius XM Radio’s “Doctor Radio” channel, hosted by Dr. Frank Adams, a lung specialist at NYU Medical Center, Aired May 12, 2015. (not available via a weblink)
6. “Five Questions with: Dr. Robyn Wing”, regarding manuscript: “Association Between Adverse Childhood Experiences in the Home and Pediatric Asthma”, *Providence Business News*, June 8, 2015. Available at: <https://pbn.com/five-questions-with-dr-robyn-wing106279/>

7. Decerbo P, **Wing R**, et al. "LifePACT Pediatric Critical Care Transport Team Guidelines", Hasbro Children's Hospital/Rhode Island Hospital, Providence, RI. June 2015. (not available via a weblink)
8. **Wing R**. "Pool and Beach Safety", Author and Narrator in educational video for the Rhode Island Hospital Injury Prevention Center 4-Safety Program, June 2015. Available at: <https://www.lifespan.org/centers-services/4-safety-program/safety-topics/water-safety>

PUBLICATIONS ACCEPTED

1. Schoppel K, **Wing R**, Brown L, Walsh B, et al. Comparing Leadership Skills of Senior Emergency Medicine Residents in 3-year vs 4-year Programs During Simulated Pediatric Resuscitation: A Pilot Study. *Pediatric Emergency Care*. Accepted 9/28/23.

PUBLICATIONS SUBMITTED

2. Tsao HS, **Wing R**. Pediatric Motor Vehicle Collision with a Liver Laceration, Splenic Laceration and Femur Fracture. American College of Emergency Physicians (ACEP) Simulation-Based Immersive Medical Training Course; Core Competency: Patient Care. Submitted Sept 2019 for May 2020 Course. (Publication on Hold due to COVID pandemic.)
3. Schoppel K, **Wing R**. Pediatric Gunshot Wound to the Chest. American College of Emergency Physicians (ACEP) Simulation-Based Immersive Medical Training Course; Core Competency: Patient Care. Submitted Sept 2019 for May 2020 Course. (Publication on Hold due to COVID pandemic.)
4. Barber Doucet H, **Wing R**. Non-Accidental Trauma. American College of Emergency Physicians (ACEP) Simulation-Based Immersive Medical Training Course; Core Competency: Patient Care. Submitted Sept 2019 for May 2020 Course. (Publication on Hold due to COVID pandemic.)
5. Kronish A, Alanko D, Quinn V, Stone E, & **Wing R**. De-Escalation of the Agitated Pediatric Patient: A Simulation Case for Pediatric Trainees. Submitted to *MedEdPORTAL* August 2022, revisions submitted May 2023.
6. Vrablik L, Rosen R, Lantini R, Brown L, Overly F & **Wing R**. Survey of health care workers involved in resuscitations in trauma bays to assess impact to patient care by PPE use. Manuscript submitted the Journal of Occupational Health and Hygiene March 2023.
7. Sojar S & **Wing R**. Tinnitus. In Fleisher and Ludwig (3rd Edition) *The 5-Minute Pediatric Emergency Medicine Consult 2023*. Philadelphia, PA: Wolters Kluwer Health. Submitted Nov 2022.
8. Vrablik L & **Wing R**. Tick-Borne Illnesses. In Fleisher and Ludwig (3rd Edition) *The 5-Minute Pediatric Emergency Medicine Consult 2023*. Philadelphia, PA: Wolters Kluwer Health. Submitted Dec 2022.
9. Jackson J & **Wing R**. Dizziness/Vertigo. In Fleisher and Ludwig (3rd Edition) *The 5-Minute Pediatric Emergency Medicine Consult 2023*. Philadelphia, PA: Wolters Kluwer Health. Submitted Dec 2022.
10. **Wing R** & Ruest S. Medical Child Abuse (Munchausen by Proxy or Factitious Illness by Proxy). In Fleisher and Ludwig (3rd Edition) *The 5-Minute Pediatric Emergency Medicine Consult 2023*. Philadelphia, PA: Wolters Kluwer Health. Submitted Jan 2023.
11. Vrablik L & **Wing R**. Pediatric Polytrauma Fire Victim Simulation. Submitted to *MedEdPORTAL* Feb 2023.
12. Meyer J, Jacobs E, Dessie A & **Wing R**. Pericarditis with Cardiac Tamponade: A Simulation Case of Respiratory Distress in an Infant. Submitted to *MedEdPORTAL* June 2023.

ABSTRACTS

1. **Wing R** and Armsby C. Early Use of High-Flow Nasal Cannula Support Reduces the Need for Intubation in Pediatric Acute Respiratory Insufficiency. Poster session presented at the meeting of the Pediatric Academic Society, Denver, CO, May 2011.**
2. Gunn M, **Wing R** & Lewandowski L. Pediatric Ward Safety Checklist and Medication Errors. Poster session presented at University of Massachusetts Pediatric Poster Session, Worcester, MA, June 2011.
3. **Wing R**, von Oettingen J, McQuilkin P, et al. Providing a Medical Home for Children with Chronic Illness in Liberia: Re-introducing Primary Care to Liberia. Poster session presented at the 2011 Global Health Conference, Montreal, Canada, Nov 2011.**
4. Baldwin K, **Wing R** & McQuilken P, et al. CPGs in Resource-Limited Settings: Adapting and Expanding WHO Standards to a Tertiary Referral Center. Poster session presented at the 2013 Consortium of Colleges of Global Health; Washington, DC, March 2013.**
5. **Wing R**, Gjelsvik A, Nocera M, & McQuaid EL. The Association Between Adverse Childhood Experiences in the Home and Pediatric Asthma. Poster session presented at the 2014 American Academy of Pediatrics National Conference and Exhibition, San Diego, CA, Oct 2014.
6. Nocera M, Gjelsvik A, **Wing R**, & Amanullah S. The Association of Parental Coping and Childhood Injury. Poster session presented at the 2014 American Academy of Pediatrics National Conference and Exhibition, San Diego, CA, Oct 2014.
7. **Wing R**. Case-Based Learning Curriculum for Pediatric Residents & Medical Students. St. Damien's Hospital, Port-au-Prince, Haiti, 2014.
8. Decerbo P, **Wing R**, et al. LifePACT Pediatric Critical Care Transport Team Guidelines, Hasbro Children's Hospital/Rhode Island Hospital, Providence, RI, 2015
9. **Wing R**, Graham K, & Koster M, et al. Development Of A Case-Based Learning Pediatric Curriculum For Haitian Medical Trainees. Poster session presented at Brown University's Medical Education Seminar, Program in Educational Faculty Development, Core Series in Medical Education, Providence, RI, April 2015.
10. **Wing R**, Jacobs E, Amanullah S, Clark M, & Merritt C. New England School Nurses' Preparedness for Facilitating "Return To Learn" Following Concussion. Poster session presented at the 2015 Pediatric Academic Societies (PAS) Annual Meeting, San Diego, CA, April 2015.**
11. **Wing R**, Steele D, Duffy S, & Chapman L. Triage Administration of Ondansetron for Pediatric Vomiting is Associated with Improved Outcomes. Oral Presentation at the 2015 American Academy of Pediatrics (AAP) National Conference and Exhibition, Washington, DC, Oct 2015.
12. Nocera M, Hand V, **Wing R** & Brown L, et al. Excellence in Communication and Emergency Leadership (ExCEL): A Simulation-Based Curriculum for Pediatric Residents. Poster presented at the 2016 Northeast Group on Educational Affairs Annual Meeting, Providence, RI, April 2016.
13. **Wing R**, Corbett K, Goldstein G, & Brown L. Pediatric Cardiopulmonary Resuscitation: Evaluation and Training in a Resource-Limited Setting. Poster presented at the 2017 International Meeting on Simulation in Healthcare (IMSH) Conference, Orlando, FL, Jan 2017.**
14. **Wing R**, Baird J, Duffy S, Brown L, Overly F, Nocera M & Merritt C. Development and Validation of a Simulator-Based Tool to Assess Resident Competency in Pediatric Airway Management. Poster presented at the 2017 New England Regional Society of Academic Emergency Medicine (SAEM) Meeting, Worcester, MA, March 2017.

15. **Wing R**, Baird J, Duffy S, Brown L, Overly F, Nocera M & Merritt C. Development and Validation of a Simulator-Based Tool to Assess Resident Competency in Pediatric Airway Management. Poster presented at the 2017 International Conference on Residency Education (ICRE), Quebec City, Canada, October 2017.**
16. Matson A, Zhang T, **Wing R**, Cruz A, et al. Preliminary Results from the Wrist Reduction Instruction with Simulation Technology (WRIST) Study. Poster presented at the 2018 Council of Emergency Medicine Residency Directors (CORD) Academic Assembly Advances in Education Research and Innovations Forum, San Antonio, TX, April 2018.
17. Matson A, Zhang T, **Wing R**, Cruz A, et al. Preliminary Results from the Wrist Reduction Instruction with Simulation Technology (WRIST) Interdisciplinary Emergency Medicine and Orthopedic Surgery Study. Oral Innovation Presentation presented at the 2018 Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 2018.
18. Gil J, Matson A, Zhang T, **Wing R**, Cruz A, et al. Wrist Reduction Instruction with Simulation Technology (WRIST) Interdisciplinary Emergency Medicine and Orthopedic Surgery Experimental Study. Scientific Paper and iPoster presented at the 2018 American Society for Surgery of the Hand (ASSH) Annual Meeting, Boston, MA, September 2018.
19. Halwani M, Brown L, Kobayashi L, **Wing R**. Pilot-phase Findings from the Simulation-based Performance and cOmpliance Testing for Age-appropriate Chest Compression in Kids (SPOTCheCK) Study. Poster presented at the 2019 International Meeting on Simulation in Healthcare (IMSH) Conference, San Antonio, TX, Jan 2019.**
20. Tensing M, Scherzer D, Hunt E, **Wing R**, et al. In-Situ Simulation to Examine Prevalence of Errors in Anaphylaxis Management in Kids. Poster presented at the 2019 International Meeting on Simulation in Healthcare (IMSH) Conference, San Antonio, TX, Jan 2019.**
21. Moore J, **Wing R**, Brown L, & Slingsby B. When Parents Hit: Teaching Physician Trainees How to Intervene. Poster presented at Pediatric Academic Societies (PAS) Annual Meeting, Baltimore, MD, April 2019.**
22. Musits A, Petrone G, **Wing R**, Clyne B, et al. Faculty Engagement in Resident Simulation: Barriers and Proposed Solutions. Poster at NERDS 2020, the New England Regional Meeting of the Society for Academic Emergency Medicine (SAEM), Worcester, MA, March 2020.
23. Merritt C, Musits A, **Wing R**, Clyne B, et al. We Got Engaged! A Faculty Support Bundle to Increase Engagement in Simulation Teaching. Virtual visual abstract at the 2020 International Conference on Residency Education (ICRE), Nominee for 2020 Top What Works Paper Session, Vancouver, Canada, September 2020.** Abstract also published in Canadian Medical Education Journal.
24. Yuknis M, Auerbach M, Abulebda K, **Wing R**, Brown L, et al. Improving Emergency Readiness and Quality of Care in Pediatric Primary Care Offices. Oral presentation at 2020 American Academy of Pediatrics National Conference & Exhibition, San Diego, CA, October 2020.
25. Zhang T, Matson A, **Wing R**, Cruz A, et al. Wrist Reduction Instruction with Simulation Technology (WRIST) for Emergency Medicine Residents. Oral presentation at 2021 International Meeting on Simulation in Healthcare (IMSH) Conference, Virtual, January 2021.**
26. Sojar S, Neronha Z, Vuong B, Puzone JR, Decerbo PC & **Wing R**. Use of a pedal-operated compressor is non-inferior to the use of a standard hand-compressed bag-valve-mask. Oral Presentation at NERDS 2021, the New England Regional Meeting of the Society for Academic Emergency Medicine (SAEM) Virtual Meeting, April 2021.

27. Sojar S, Neronha Z, Vuong B, Puzone JR, Decerbo PC & **Wing R**. Use of a pedal-operated compressor is non-inferior to the use of a standard hand-compressed bag-valve-mask. Oral Presentation at the Brown Emergency Medicine Research Symposium, Brown University, Providence, RI, April 2021.
28. Alanko D, Kronish A & **Wing R**. Needs Assessment for an Inpatient-Based Simulation Curriculum for Pediatric Residents. Virtual Poster at the Program in Educational Faculty Development's Medical Education Scholarship Poster Session, Brown University, Providence, RI, May 2021.
29. Sojar S, Neronha Z, Vuong B, Puzone JR, Decerbo PC & **Wing R** Use of a pedal-operated compressor is non-inferior to the use of a standard hand-compressed bag-valve-mask. Oral Presentation at the 2021 Society for Academic Emergency Medicine (SAEM) Virtual Meeting, May 2021.
30. Merrit C, Musits A, **Wing R**, Smith J, Petrone G & Clyne B. A National Survey of EM Residencies' Early Remote Learning in Response to COVID-19 Distancing Mandates. Presentation at the 2021 Society for Academic Emergency Medicine (SAEM) Virtual Meeting, May 2021.
31. Kelly J, Schmidt C, **Wing R**, Jacobs E, & Duffy S. Cardiac arrest training and preparedness in high schools: A descriptive study. Poster presentation at the American Academy of Pediatrics (AAP) Annual Leadership Conference, Virtual Meeting, August 2021.
32. Kelly J, Schmidt C, **Wing R**, Jacobs E, Duffy S. Cardiac arrest training and preparedness in high schools: A descriptive study. Poster presentation at the American Academy of Pediatrics (AAP) National Conference & Exhibition, September 2021.
33. Barber Doucette H, Wilson T, Vrablik L, & **Wing R**. Emergency Department Management of the Racist Patient: A Simulation Exercise. Poster Presentation at NERDS 2022, the New England Regional Meeting for the Society for Academic Emergency Medicine (NERDS) Meeting, Worcester, MA, April 6, 2022.
34. Vrablik L, Rosen R, Lantini R, Overly F, Brown L & **Wing R**. Evaluating Impacts of PPE on Emergency Department Communication and Strategies to Mitigate Them. Poster Presentation at NERDS 2022, the New England Regional Meeting for the Society for Academic Emergency Medicine (NERDS) Meeting, Worcester, MA, April 6, 2022.
35. Miller K, **Wing R**, Prieto M, Goldman G, Nishisaki A, Polikoff L & Nagler J. Airway Alignment: Consensus-Based Development of a Pre-Intubation Checklist for the Pediatric Emergency Department. Poster Presentation at the Pediatric Academic Society (PAS) Meeting. Denver, CO, April 24, 2022. **
36. Barber Doucette H, Wilson T, Vrablik L, & **Wing R**. Mitigating Bias & Preventing Harm: A Pediatric Emergency Medicine Simulation Case. Poster Presentation at the Pediatric Academic Society (PAS) Meeting. Denver, CO, April 23, 2022. **
37. Vrablik L, Rosen R, Lantini R, Overly F, Brown L & **Wing R**. Evaluating Impacts of PPE on Emergency Department Communication and Strategies to Mitigate Them. Poster Presentation at the Society for Academic Emergency Medicine (SAEM) Meeting, New Orleans, LA. May 13, 2022.
38. Quinn V, Kronish A, Alanko D, Stone E, Wolff C & **Wing R**. Acute Agitation on the Pediatric Wards: A Simulation Case. Poster Presentation at the Brown Department of Pediatrics Celebration of Scholarship, Providence, RI. October 24, 2022.
39. Schoppel K, **Wing R**, Keilman A, Diaz M, Padlipsky P, Fayyaz J, Franco M, Pearson K, Swinger N, Whitfill T & Walsh B. Does Length of Emergency Medicine Training Matter for Leadership Skills in Pediatric Resuscitation. Poster Presentation at the New England Regional Meeting for the Society for Academic Emergency Medicine (NERDS) Meeting, Worcester, MA, April 5, 2023.
40. Schoppel K, **Wing R**, Keilman A, Diaz M, Padlipsky P, Fayyaz J, Franco M, Pearson K, Swinger N, Whitfill T & Walsh B. Does Length of Emergency Medicine Training Matter for Leadership Skills in Pediatric

Resuscitation. Poster Presentation at the 4th Annual Indiana University School of Medicine Education Day, Indianapolis, IN, April 28, 2023.

41. Rozenfeld R, Anderson I, Arteaga G, Gleich S, Hulfish E, Kaur S, Kennedy C, Maloney L, Manga A, McKissic D, Montgomery E, Pearson K, Scherzer D, Umoren R, Wall J, **Wing R** & Abulebda K. Pediatric Critical Care Transport Teams Performance Across a National Cohort: A Multi-center, In situ, Simulation-Based Study. Poster Presentation at the Pediatric Academic Society (PAS) Meeting. Washington, DC, April 28, 2023. **
42. Yuknis M, Abulebda A, Whitfill T, **Wing R**, Diaz M, Khoon-Yen T, Pearson K, Brown L, & Auerbach M. Improving Emergency Prep in Pediatric Primary Care Offices: A Simulation-Based Multicenter Study. Poster Presentation at the Pediatric Academic Society (PAS) Meeting. Washington, DC, April 29, 2023. **
43. Schoppel K, **Wing R**, Keilman A, Diaz M, Padlipsky P, Fayyaz J, Franco M, Pearson K, Swinger N, Whitfill T & Walsh B. Does Length of Emergency Medicine Training Matter for Leadership Skills in Pediatric Resuscitation. Poster Presentation at the International Pediatric Simulation Society meeting (IPSSW), Lisbon, Portugal, May 18, 2023. **
44. Yuknis M, Abulebda A, Whitfill T, **Wing R**, Diaz M, Khoon-Yen T, Pearson K, Brown L, & Auerbach M. Improving Emergency Prep in Pediatric Primary Care Offices: A Simulation-Based Multicenter Study. Oral Presentation at the International Pediatric Simulation Society meeting (IPSSW), Lisbon, Portugal, May 18, 2023. **
45. Rozenfeld R, Anderson I, Arteaga G, Gleich S, Hulfish E, Kaur S, Kennedy C, Maloney L, Manga A, McKissic D, Montgomery E, Pearson K, Scherzer D, Umoren R, Wall J, **Wing R** & Abulebda K. Pediatric Critical Care Transport Teams Performance Across a National Cohort: A Multi-center, In situ, Simulation-Based Study. Poster Presentation at the International Pediatric Simulation Society meeting (IPSSW), Lisbon, Portugal, May 18, 2023. **
46. Arteaga GM, Umoren RA, Abulebda K, Montgomery E, Scherzer DJ, Gleich S, Kaur S, **Wing R**, Pearson K, Rosenfeld R, Carreiro P, Manga A, Kennedy C, Maloney L, McKissic D, Anger D, Hulfish E, Anderson I. Standardized Practice Guideline Application in the Assessment of Multi-Center Pediatric Critical Care Transport Performance. Oral Presentation at the 2023 American Academy of Pediatrics (AAP) National Conference and Exhibition, October 21, 2023.***
47. **Wing R**, Goldman M, Prieto M, Tay K, Bharath A, Baluyot M, Patel D, Miller K, Greenwald E, Polikoff L, Nishisaki A, Nagler J. Utilizing Simulation for Usability Testing of the NEAR4PEM Pre-Intubation. Oral Presentation at the 2024 International Meeting on Simulation in Healthcare (IMSH) Conference, San Diego, CA, January 23, 2024.**
48. Napolitano N, Harwaye-Gidansky I, Polikoff L, Sanders R, Prieto M, **Wing R**, Branca A, Romer A, McGovern E, Shults J, Nadkarni V, Nishisaki A. Impact of apneic oxygenation on tracheal intubation outcomes in the PICU, CICU, and ED. Abstract submitted to Society of Critical Care Medicine 2024 Congress, Phoenix, AZ, January 21-24, 2024.**
49. Ducharme-Crevier L, Thibault C, Emeriaud G, Napolitano N, **Wing R**, Prieto M, Branca A, Romer A, Shults J, Nadkarni V, Nishisaki A. Use and safety of etomidate for intubation of critically ill children. Abstract submitted to Society of Critical Care Medicine 2024 Congress, Phoenix, AZ, January 21-24, 2024.**

** International Abstract Presentation

INVITED PRESENTATIONS

International

1. “Pediatric Metabolic Acidosis”, Pediatric Grand Rounds, St. Damien Hospital, Port-au-Prince, Haiti, 2013
2. “Competency Skills Assessment for Today’s Trainees”, International Meeting on Simulation in Healthcare (IMSH) Conference, Orlando, FL, January 31, 2017.
3. “Competency Skills Assessment for Today’s Trainees”, International Meeting on Simulation in Healthcare (IMSH) Conference, Los Angeles, CA, January 16, 2018.
4. “Mock Mock, Who’s There? Developing a Robust Mock Code Program”, International Meeting on Simulation in Healthcare (IMSH) Conference, Los Angeles, CA, January 16, 2022 (Cancelled due to COVID-19 pandemic).
5. “NEAR4PEM Update”, Pediatric Acute Lung Injury & Sepsis Investigators (PALISI) Network Annual Meeting, Indianapolis, IN (Virtual), September 21, 2022. *Approx. 60 in attendance.*
6. “Analysis of Data and Presentation of Results”, Department of Emergency Medicine, Research Curriculum Lecture Series. Alpert Medical School of Brown University Rhode Island Hospital, Providence, RI (Virtual), November 7, 2022. *Approx 33 in attendance.*
7. “Mock Mock. Who’s There? Developing a Robust Mock Code Program”, In person, live-streamed and recorded workshop, International Meeting on Simulation in Healthcare (IMSH) Conference, Orlando, FL, January 23, 2023. *Approx 300 in attendance.*
8. “Advanced Look Exploratory Research Template (ALERT) Presentations” Moderator, International Network for Simulation-Based Pediatric Innovation, Research and Education (INSPIRE), International Meeting on Simulation in Healthcare (IMSH) Conference, Orlando, FL, January 22, 2023. *Approx. 60 in attendance.*
9. “Leveraging Human Factors Principles to Improve Clinical Care”, Pediatric Academic Societies (PAS) Annual Meeting, Washington, DC, April 29, 2023. *Approx 60 in attendance.*
10. “Analysis of Data and Presentation of Results”, EM Research Insights: A Collaborative International Research Course in Emergency Medicine; Centre of Excellence for Trauma and Emergencies, Aga Khan University, Brown Emergency Medicine & Cornell Weill Medicine, Virtual , DATE. *Approx X in attendance.*

National

1. “Is There a Doctor in the Stands?? An Interactive Curriculum to Teach Acute Sideline Treatment of Sports-Related Injuries”, American Academy of Pediatrics National Conference and Exhibition, Washington, DC, Oct 24, 2015. *Approx. 100 – 120 medical students, residents, fellows and faculty in attendance.*
2. Basecamp Instructor – Interprofessional Pediatric Emergency Medicine Simulation-Based Training. New York, NY, Nov 10, 2019. *Approx. 100 PEM fellows, nurses, child life specialists in attendance.*
3. “Pediatric Motor Vehicle Collision with a Liver Laceration, Splenic Laceration and Femur Fracture”, American College of Emergency Physicians (ACEP) Simulation-Based Immersive Medical Training Course, Tampa, FL, (Cancelled due to COVID-19 pandemic.) May 4, 2020.
4. “Pediatric Gunshot Wound to the Chest”, American College of Emergency Physicians (ACEP) Simulation-Based Immersive Medical Training Course, Tampa, FL, (Cancelled due to COVID-19 pandemic.) May 4, 2020.

5. “Non-Accidental Trauma”, American College of Emergency Physicians (ACEP) Simulation-Based Immersive Medical Training Course, Tampa, FL, (Cancelled due to COVID-19 pandemic.) May 4, 2020.
6. Basecamp Instructor – Interprofessional Pediatric Emergency Medicine Simulation-Based Training. New York, NY, Nov 6, 2021. *Approx. 100 PEM fellows, nurses, child life specialists in attendance.*
7. Brown Emergency Medicine Residency Virtual Open House, Panelist. February 1, 2022. *Approx. 60 emergency medicine residency applicant in attendance.*
8. Invited Faculty, American College of Emergency Physicians (ACEP) Simulation-Based Immersive Medical Training Course (SIM22), Tampa, FL, (Cancelled due to COVID-19 pandemic.) May 23-25, 2022.
9. Basecamp Instructor – Interprofessional Pediatric Emergency Medicine Simulation-Based Training. New York, NY, Nov 6, 2022. *Approx. 100 PEM fellows, nurses, child life specialists in attendance.*
10. “NEAR4PEM Airway Checklist Usability Testing Via Simulation”, Children’s Hospital of Philadelphia (CHOP) Center for Simulation Research Conference. April 4, 2023. *Approx. 25 in attendance.*

Regional and Local

1. “The Road to Medical School”, Providence College, Providence, RI, 2008
2. Workshop Collaborator and Instructor, “Interprofessional Team Training in Safety and Quality: Methods, Models and Partnerships”, Center for Experiential Learning and Simulation (CELS) Summit, University of Massachusetts Medical Center, Worcester, MA. *Approx 50 Emergency Medicine Physicians, Nurses, and Ancillary staff in attendance., 2011*
3. Annual Pediatric Resident Global Health Predeparture Retreat. Hasbro Children’s Hospital, Providence, RI. *Approx 12 residents from multiple institutions traveling to Port-au-Prince, Haiti in attendance, 2013*
4. “Introduction to Pediatric Emergency Medicine”. Emergency Medicine Interest Group Warren Alpert Medical School of Brown University. *Approx 50 medical students in attendance, 2014*
5. “Sport-Related Concussions: Safe Return to Work & Play”, New England School Nurse Conference, Newport, RI. May 3, 2014. *Approx 175 school nurses in attendance, 2014*
6. “Pediatric Concussions: Safe Return to Work & Play”, Grand Rounds, Pediatric & Family Medicine Departments, Sturdy Memorial Hospital, Attleboro, MA. Nov 19, 2014. *Approx 25 faculty in attendance.*
7. Annual Pediatric Resident Global Health Predeparture Retreat. Hasbro Children’s Hospital, Providence, RI. *Approx 12 residents from multiple institutions traveling to Port-au-Prince, Haiti in attendance., 2014*
8. “Minds Matter: Safe Return to Work & Play after Pediatric Concussion”, Grand Rounds, Department of Pediatrics, Hasbro Children’s Hospital/Brown University, Providence, RI. May 15, 2015. *Approx 75 medical students, residents, fellows and faculty in attendance, 2015*
9. “Pediatric Emergencies”, LifePACT Critical Care Transport Team Orientation Program Rhode Island Hospital/Hasbro Children’s Hospital, Providence, RI. May 22, 2015. *Approx. 15 paramedics in attendance.*
10. Panelist: “Women in Medicine Mentoring Night”, Office of Women in Medicine and Science (OWIMS), Brown University, Providence, RI. October 22, 2015. *Approx 35 medical students in attendance.*

11. Annual Pediatric Resident Global Health Predeparture Retreat. Hasbro Children's Hospital, Providence, RI. *Approx 12 residents from multiple institutions traveling to Port-au-Prince, Haiti in attendance, 2015*
12. Panelist: "Women in Medicine Specialty Night", Office of Women in Medicine and Science (OWIMS), Brown University, Providence, RI. April 20, 2016. *Approx 35 medical students in attendance.*
13. "Incorporating Technology as an Educational Strategy", Education Section, University Emergency Medicine Foundation, Providence, RI, June 1, 2016. *Approx. 20 faculty and fellows in attendance.*
14. "Apprenticeship to Independence: Facilitating Autonomy in Learners in Medicine", Faculty Development Workshop for the Program in Educational Faculty Development Core Series, Alpert Medical School of Brown University, Providence, RI, October 13, 2016. *Approx 12 faculty in attendance.*
15. Moderator: "I Know How She Does It – How Successful Women Make the Most of Their Time", Office of Women in Medicine and Science Book Club Discussion, Brown University, Providence, RI. March 30, 2017. *Approx 25 in attendance.*
16. Panelist: "Women in Medicine Mentoring Night", Office of Women in Medicine and Science (OWIMS), Brown University, Providence, RI. October 26, 2017. *Approx 35 medical students in attendance.*
17. "Analysis of Data and Presentation of Results", Department of Emergency Medicine, Research Curriculum Lecture Series 2017-2018. Alpert Medical School of Brown University Rhode Island Hospital, Providence, RI, February 6, 2018. *Approx 12 in attendance.*
18. Panelist: "Women in Medicine Mentoring Night", Office of Women in Medicine and Science (OWIMS), Brown University, Providence, RI. October 11, 2018. *Approx 35 medical students in attendance*
19. Panelist: "Women in Medicine Specialty Night", Office of Women in Medicine and Science (OWIMS), Brown University, Providence, RI. February 7, 2019. *Approx 35 medical students in attendance*
20. "Analysis of Data and Presentation of Results", Department of Emergency Medicine, Research Curriculum Lecture Series 2018-2019. Alpert Medical School of Brown University Rhode Island Hospital, Providence, RI. February 11, 2019. *Approx 12 in attendance.*
21. "Trauma and Medical Emergencies", "Emergency Delivery and Newborn Stabilization" and "Child and Family Interactions", Pediatric Education for Prehospital Professionals (PEPP) course, Lifespan Medical Simulation Center, Providence, RI. February 13, 2019. *Approx. 20 in attendance.*
22. Panelist: "Women in Medicine Mentoring Night", Office of Women in Medicine and Science (OWIMS), Brown University, Providence, RI. October 1, 2019. *Approx 45 medical students in attendance.*
23. "Teaching Procedural and Technical Skills: A Practical Workshop", Department of Emergency Medicine, Research Curriculum Lecture Series 2019-2020. Alpert Medical School of Brown University Rhode Island Hospital, Providence, RI. December 9, 2019. *Approx 4 in attendance.*
24. "Analysis of Data and Presentation of Results", Department of Emergency Medicine, Research Curriculum Lecture Series 2019-2020. Alpert Medical School of Brown University Rhode Island Hospital, Providence, RI. February 10, 2020. *Approx 12 in attendance*
25. "Teaching Procedural and Technical Skills: A Practical Workshop for Clinicians", Faculty Development Workshop for the Program in Educational Faculty Development Core Series, Alpert Medical School of Brown University, Providence, RI, February 4, 2020. *Approx. 25 faculty in attendance*

26. “Critical Debriefing Workshop”, Emergency Medical Services for Children (EMSC) Foundations of Pediatric Preparedness Forum, Waltham, MA, March 9, 2020. *Approx. 125 estimated attendance. Cancelled due to COVID-19 Pandemic.*
27. “The Nuts and Bolts of Data Presentation”, Department of Emergency Medicine, Research Curriculum Lecture Series 2020-2021. Alpert Medical School of Brown University Rhode Island Hospital, Providence, RI. January 25, 2021. *Approx 12 in attendance*
28. Panelist: “Women in Medicine Subspecialty Panel”, Office of Women in Medicine and Science (OWIMS), Brown University, Providence, RI. January 26, 2021. *Approx 25 medical students in attendance.*
29. “Pediatric Emergencies”, Pediatrics Longitudinal Integrated Clerkship (LIC), Primary Care-Population Medicine Program, Alpert Medical School of Brown University, Providence, RI. March 19, 2021. *24 medical students in attendance.*
30. “Pediatric Emergency Skills Stations and Simulations”, EMS-C Grant Series, Providence Fire Station, Providence, RI. March 29, 2021. *12 EMS providers in attendance.*
31. “Analysis of Data and Presentation of Results”, Department of Emergency Medicine, Research Curriculum Lecture Series. Alpert Medical School of Brown University Rhode Island Hospital, Providence, RI. December 6, 2021. *Approx 18 in attendance*
32. “Pediatric Emergencies”, Pediatrics Longitudinal Integrated Clerkship (LIC), Primary Care-Population Medicine Program, Alpert Medical School of Brown University, Providence, RI. February 11, 2022. *18 medical students in attendance.*
33. “CPR Coach and High Quality CPR”, PICU/PEM Joint Conference, Hasbro Children’s Hospital, Providence, RI. March 15th, 2022. *30 faculty, fellows and critical care transport staff in attendance.*
34. “Addressing Racial Bias in Patient Care: A Simulation-Based Workshop”, Faculty Development Workshop for the Program in Educational Faculty Development Core Series, Alpert Medical School of Brown University, Providence, RI, May 17, 2022. *Approx. 20 faculty in attendance.*
35. “Creating HeartSafe Schools in Rhode Island ” Regional School Nurse Conference, Warwick, RI. September 21st, 2022. *Approx. 130 School nurses in attendance.*
36. Panelist: “Women in Medicine Mentoring Power Hour”, Office of Women in Medicine and Science (OWIMS), Brown University, Providence, RI. October 12th, 2022. *Approx. 40 medical students in attendance.*
37. Panelist: “Women in Medicine Specialty Mentoring Night”, Office of Women in Medicine and Science (OWIMS), Brown University, Providence, RI. January 31, 2023. *Approx. 40 medical students in attendance.*
38. “Curriculum Development”, Brown Emergency Medicine Simulation Educational Conference, Lifespan Medical Simulation Center, Providence, RI. March 8, 2023. *Approx. 7 participants in attendance.*
39. “Hunting for Zebras – Pediatric Emergency Medicine”, Pediatrics Longitudinal Integrated Clerkship (LIC), Primary Care-Population Medicine Program, Alpert Medical School of Brown University, Providence, RI. March 17, 2023. *24 medical students in attendance.*

REVIEWER/EDITORIAL ACTIVITIES

2013 - Present Book reviewer for Lippincott Williams & Wilkins

2014 - Present Ad Hoc Reviewer:

Academic Emergency Medicine
Hospital Pediatrics
Journal of Intensive Care
Pediatrics
Journal of Medical Education and Curriculum Development
Emergency Medicine Journal

2016 – 2021

Editor for Brown Emergency Medicine Blog, Section on Pediatric Emergency Medicine

GRANTS

1. “Developing a Model Medical Home for Liberian Children” 2011 - 2014
 International Community Access to Child Health (I-CATCH) program
 American Academy of Pediatrics
 \$6,000
 Role: PI
2. “New England School Preparedness for “Return to Learn” Following Concussion” 2014
 University Emergency Medicine Foundation
 \$1000
 Role: Investigator
3. “Wrist Reduction Instruction with Simulation Technology (WRIST) study” 2016
 Resident Scholarly Development Awards Program (first author Tony Zhang)
 University Emergency Medicine Foundation
 \$2,000
 Role: Investigator
4. “Utilization of a foot pedal operated manual resuscitator for ventilatory support by a single rescuer” 2019
 Brown Physician’s Inc, Department of Emergency Medicine
 \$980
 Role: PI and Mentor
5. “Breastfeeding & Lactation Support for Medical Trainees” 2022
 American Academy of Pediatrics
 \$1000
 Role: Investigator
6. “Creating HeartSafe Schools in Rhode Island” 2022
 Community Access to Child Health (CATCH) program
 American Academy of Pediatrics
 \$10,000
 Role: Investigator
7. “Developing an Emergency Medicine Faculty Interactive Training on Necessary Emergency Skills & Simulation (EM FITNESS) Program” 2022
 Brown Physicians Incorporated
 \$12,500
 Role: PI
8. “NEAR4PEM Pediatric Airway Management Checklist” 2022

Brown Emergency Medicine
\$40,000
Role: PI

PROJECTS

1. **Are We Optimizing Pediatric Emergency Medicine Education for Emergency Medicine Trainees?** Site Principal Investigator. Schoppel K, Wing R, Brown L, Walsh B, et al. Multisite simulation curriculum to assess graduating EM resident competence in pediatric emergencies. Data Collection Phase. Submitting Abstract to IPSSW 2023 and SAEM 2023 and PAS 2023. “Does Length of Emergency Medicine Training Affect Leadership Skills in Pediatric Resuscitation? A Pilot Study.”
2. **ImPACTS (Improving Pediatric Acute Care Through Simulation) Outpatient**, Site Co-Principal Investigator, Simulation assessments at outpatient pediatric offices to assess emergency preparedness. Data Collection Phase.
3. **Prevention of Errors in Airway Management (PEAK) II**. Site Principal Investigator. Simulations on pediatric ward to assess preparedness for airway emergencies. Study Development Phase. Data Collection on hold due to COVID.
4. **Implementation of an Inpatient-based Simulation Curriculum for Pediatric Residents**. Principal Investigator & Mentor. Kronish A, Alanko D, Wing R. One case of curriculum submitted to MEP August 2022.
5. **SQUIRE-SIM** (Standards for Quality Improvement Reporting Excellence) – Collaborator. This project is a collaboration of simulation and quality improvement research experts who are working to develop simulation-based extensions to the existing SQUIRE 2.0 reporting guidelines. These will be used to guide simulation quality improvement research. Manuscript in process.
6. **National Emergency Airway Registry for Pediatric Emergency Medicine (NEAR4PEM) Checklist**. Site Principal Investigator. Multi-center project to develop intubation checklist for Pediatric Emergency Departments. Data Collection Phase and Manuscript writing phase.
7. **National Emergency Airway Registry for Pediatric Emergency Medicine (NEAR4PEM) Registry**. Site Principal Investigator. Multi-center, prospective registry for advanced airway management in pediatric emergency departments. Data Collection Phase.
8. **ImPACTS (Improving Pediatric Acute Care Through Simulation) Transport Project**, “Evaluating the Quality of Care Provided by Pediatric Transport Teams in Acute Care Scenarios in a Simulated Setting” Site Principal Investigator, Simulation assessments of pediatric transport teams. Data Collection Phase. Pediatric Critical Care Transport Teams Performance Across a National Cohort: A Multi-center, In situ, Simulation-Based Study – Manuscript writing phase.
9. **Discussing Anti-Racism and Equity in Emergency Medicine: Simulation Curriculum**. Principal Investigator. Barber Doucette H, Wilson T & Wing R. One sim published in MEP Sept 2023. May also write second manuscript.

COMMUNITY ENGAGEMENT/VOLUNTEER ACTIVITIES

2021 Volunteer, BeatCOVID Vaccine Clinic

2023 – Present Health Care Consultant, The Little Red Schoolhouse, Sheldonville, MA

UNIVERSITY TEACHING ROLES

Undergraduate Medical Education

2010 - 2011	Discussion Group Leader, Clinical Interprofessional Professionalism Curriculum , University of Massachusetts Medical School, Worcester, MA, average class size: 20. Sessions included: <i>“Effective Teamwork and Putting Patients’ Interest First”</i> <i>“Improving Advocacy for Patients Through a Culture of Teamwork”</i>
2014 - 2019	Faculty Instructor , Epidemiology & Biostatistics (Biol 3662 & Biol 3664), Alpert Medical School of Brown University, Providence, RI, average class size: 15. 2 hours/session, 2 times per year
2015 - 2016	Doctoring Course Faculty , Doctoring Course Year 1 (Biol 3660), Alpert Medical School of Brown University/Rhode Island Hospital, Providence, RI • Joseph Wawrzynski, MD '19 (2015 - 2016)
2016 - 2020	Doctoring Course Faculty , Doctoring Course Year 2 (Biol 3660), Alpert Medical School of Brown University/Rhode Island Hospital, Providence, RI • Ella Sorscher, MD '19 (2016 - 2017) • Nicholas Gabinet, MD '21 (2017 - 2018) • Logan Abel, MD '22 (2019 - 2020)
2016 - Present	Supervise and teach third and fourth year medical students during clinical shifts. 2021 average teaching evaluation = 100 on 100 point scale
2021 - Present	Lecturer (Annual) , Pediatrics Longitudinal Integrated Clerkship (LIC), Primary Care-Population Medicine Program, Alpert Medical School of Brown University, Providence, RI <i>Pediatric Emergencies</i>
2022 - Present	Advanced Clinical Mentorship Faculty , Alpert Medical School of Brown University/Rhode Island Hospital, Providence, RI • Jessica Moore, MD '24 (2022 - 2023)

Graduate Education: Resident Education

2009 - 2013	Lecturer, UMass Pediatric Residency Program Conference University of Massachusetts Children’s Medical Center Weekly Conference for 20 – 40 Pediatric Residents, Medical Students and Faculty <i>Autism and Prematurity</i> <i>Cardiovascular Safety of ADHD Medications</i> <i>Diabetic Ketoacidosis</i> <i>Diamond-Blackfan Anemia</i> <i>Neonatal Hypoglycemia</i> <i>Neonatal Dermatology</i> <i>Thrombotic Thrombocytopenic Purpura</i>
2013 - Present	Lecturer, Brown University Emergency Medicine Residency Program Rhode Island Hospital, Brown University Weekly Conference for 48 Emergency Medicine Residents, as well as Mid-Level

	Practitioners, Medical Students and Faculty <i>Abdominal Emergencies</i> <i>Household Ingestions</i> <i>Marine Envenomations</i> <i>Neonatal Resuscitation</i> <i>Pediatric Fever</i> <i>Pediatric Nephrology Cases</i> <i>Pediatric Respiratory Emergencies</i>
2013 – Present	Lecturer, Brown University Pediatric Residency Program Hasbro Children's Hospital, Brown University Morning Report & Noon Conference One-hour conference for 40 Pediatric Residents, Medical Students, and Faculty <i>Abdominal Emergencies</i> <i>Fever in Infants</i> <i>Global Health</i> <i>How to Rock the Mock: PALS Review</i> <i>Procedures in the Pediatric Emergency Department</i>
2014 – 2016	Lecturer and Faculty Mentor, Brown University Pediatric Residency Global Health Program, Providence, RI and St Damien Children's Hospital, Port-au-Prince, Haiti • Renee Kleris, MD (2014 – 2015) • Alison Labadie, MD (2014 – 2015) • Greg Goldstein, MD (2015 – 2016) • Kelly Corbett, MD (2015 – 2016)
2014 – 2017	Instructor, Sedation and Office Emergencies for Pediatric Dentists Lifespan Medical Simulation Center, Brown University Annual four-hour course for pediatric dental residents at St. Joseph Hospital, Providence, RI
2014 – 2019	Instructor, Pediatric Simulation Cases Lifespan Medical Simulation Center, Brown University Annual four-hour sessions for 6-10 senior Pediatric Residents (2-3 sessions/yr) <i>Difficult Discussions</i> <i>Pediatric Airway Management</i> <i>Pediatric Cardiac Emergencies</i>
2014 – Present	Facilitator & Instructor, Department of Emergency Medicine Simulation Cases Lifespan Medical Simulation Center, Brown University Monthly two-to four-hour sessions with 25-40 Emergency Medicine Residents and Mid Level Practitioners taught as part of the Emergency Medicine Residency Curriculum
2014 – Present	Instructor, Department of Pediatrics & Emergency Medicine Procedural Sedation Training Lifespan Medical Simulation Center, Brown University Annual four-hour course for 30-40 3 rd year Pediatric and Emergency Medicine Residents, taught 2 times/year
2015 – 2020	Pediatric Section Editor, Brown Emergency Medicine Residency Blog Rhode Island Hospital, Brown University Publicly-available educational blog with educational posts, discussion questions, journal reviews, procedural videos and/or images

2015 – Present	Facilitator & Instructor, Department of Emergency Medicine Pediatric Simulation Curriculum for Kent Hospital EM Residents Lifespan Medical Simulation Center, Brown University Quarterly four-hour sessions with 30-40 Emergency Medicine Residents and Attendings <i>PALS algorithms</i> <i>Pediatric Airway and Respiratory</i> <i>Pediatric Altered Mental Status</i> <i>Pediatric Seizures</i> <i>Pediatric Sepsis and Shock</i> <i>Pediatric Surgical Emergencies</i>
2015 – Present	Facilitator & Instructor, ExCEL Program (Excellence in Communication and Emergency Leadership) Brown University Pediatric Residency Program Hasbro Children's Hospital, Brown University Morning Reports, 1-2 times/month Conference for 40 Pediatric Residents, Medical Students, and Faculty focused on basic pediatric code and emergency communication skills <i>Basic Pediatric Airway Management</i> <i>Difficult case scenarios</i> <i>Difficult Pediatric Airway Skills</i> <i>First Five Minutes of Pediatric Code</i> <i>Leadership and Communication Skills</i> <i>Pediatric Procedures: IO, IV, Suture, NGT, LP</i> <i>Primary / Secondary Survey</i> <i>Review of pediatric code cart & airway/transport bag</i> <i>Rhythm recognition, CPR, defibrillation</i>
2016 - Present	Supervise and teach emergency medicine residents during each clinical shift. 2017 average teaching evaluation = 8.6 on 9 point scale (above departmental mean)
2016 - Present	Supervise and teach pediatric residents during each clinical shift. 2017 average teaching evaluation = 3.6 on 4 point scale (above departmental mean)
2016 – Present	Course Director, Pediatric Advanced Airway Course for Residents Lifespan Medical Simulation Center, Brown University Annual 4-5 hour course for pediatric and emergency medicine residents (4-5 sessions/yr)
2023 – Present	Facilitator & Instructor, Mass Casualty Incident (MCI) Simulation Day Brown University Emergency Medicine Residency Program Miriam Hospital, Brown University Conference for 25 Emergency Medicine Residents and Nurses focused on management of a critically ill pediatric patient presenting to a community hospital during a mass casualty incident

Graduate Education: Fellow Education

2013 – Present	Lecturer, Brown University Pediatric Emergency Medicine Fellowship Program Hasbro Children's Hospital, Brown University Weekly conference for 10-20 Pediatric Emergency Medicine Fellows and Faculty <i>Bedside Lung Ultrasound</i> <i>Eye Swelling: Case of Subgaleal Abscess</i> <i>Global Health: Pediatric Emergency Medicine Cases</i> <i>Incidence of UTI in Bronchiolitis</i>
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Maintenance IV Fluids: Isotonic vs. Hypotonic solutions
Pediatric Academic Society (PAS) Re-cap
Pediatric Appendicitis: Implications of WBC count
Seizure: Case of Posterior Reversible Encephalopathy Syndrome (PRES)
Supraventricular Tachycardia

- 2016 - Present **Supervise and teach** pediatric emergency medicine fellows during each clinical shift.
 2018 average teaching evaluation = 4.8 on 5 point scale (above departmental mean)
- 2017 – 2019 **Teaching Faculty, Medical Simulation Fellowship for Brown Advanced Emergency Medicine Academies (BAEMA) Fellows**
 Lifespan Medical Simulation Center, Brown University
- Designed to provide training in sophisticated, validated and innovative simulation, foster a knowledgeable simulation expert, and encourage the development of a healthcare education researcher
 - Manal Halwani, MD (emergency physician from Saudi Arabia)
- 2017 – Present **Teaching Faculty, Medical Simulation Fellowship**
 Lifespan Medical Simulation Center, Brown University
- Designed to provide training in sophisticated, validated and innovative simulation, foster a knowledgeable simulation expert, and encourage the development of a healthcare education researcher
 - Annual Lecture on “Curriculum Development”

HOSPITAL TEACHING ROLES

- 2012 – 2013 **Clinical Educator and Physician Volunteer**, Health Education and Relief Through Teaching (HEARTT)
 JFK Medical Center, Monrovia, Liberia
 Traveled to Liberia for one month each year to teach native housestaff, attendings, and medical students, care for patients and establish a chronic illness clinic
- 2013 – 2016 **Clinical Educator and Physician Volunteer**, Nos Petit Frères et Sœurs (NPFS)
 St Damien Children’s Hospital, Port-au-Prince, Haiti
 Traveled to Haiti for two weeks to one month each year to teach native housestaff, attendings, and medical students and to care for patients
- 2013 – Present **Director & Facilitator, Pediatric Mock Code Program**
 Hasbro Children’s Hospital, Providence, RI
 Coordinate Mock Code cases with Chief residents and Nursing Administration
 Monthly one-hour sessions with 15-20 Pediatric Residents, Nurses, Ancillary Staff
- Anaphylaxis*
Hypoglycemic Seizure
Pulseless Electrical Activity
Status Asthmaticus
Supraventricular Tachycardia
Ventricular Fibrillation
Ventricular Tachycardia
- 2014 **Facilitator & Instructor, Introduction to Medical Simulation Skills**
 Lifespan Medical Simulation Center, Brown University, Providence, RI

	Course for 40 Rhode Island Nurses Institute Middle College Charter High School students
2014	Facilitator & Instructor, Introduction to Medical Simulation Lifespan Medical Simulation Center, Brown University, Providence, RI Developed curriculum and taught course for 40 Cranston Area Career and Technical Center students at Cranston High School West
2014 - 2019	Instructor, Pediatric Simulation Cases Lifespan Medical Simulation Center, Brown University, Providence, RI Boys & Girls Club of Rhode Island (1-2 sessions/year) National Youth Leadership Forum (1-2 sessions/year) Rhode Island chapter of American College of Emergency Physicians (ACEP) CME meeting
2017	Course Instructor, Critical Care Transport Course Lifespan Medical Simulation Center, Brown University, Providence, RI Course for Army National Guard Flight Medics
2016 - Present	Lecturer, Pediatric Emergency Medicine Physician Extender (PEMPED) Program Hasbro Children's Hospital Emergency Department, Providence, RI Annual Lecture on Management of Febrile Infant for 2-3 PEMPEDS/year
2023	Instructor, How to Save A Life: Practical Skills for Medical Emergencies Program Lifespan Medical Simulation Center, Brown University, Providence, RI Moses Brown Immersion Course Taught course for 17 high school students
2023 – Present	Program Director and Instructor, Pediatric Emergency Medicine Faculty Interactive Training on Necessary Emergency Skills & Simulation (PEM FITNESS) Program Department of Emergency Medicine, Alpert Medical School of Brown University, Providence, RI
2023 – Present	Director and Facilitator, Pediatric Emergency Medicine (PEM) Mock Code Program Hasbro Children's Hospital, Providence, RI Coordinate multidisciplinary in-situ pediatric mock code cases twice monthly with nursing administration and clinical care teams Twice monthly half-hour sessions with 10-12 PEM faculty, EM residents, pediatric residents, PEM Nurses, and Ancillary Staff <i>Pulseless Electrical Activity</i> <i>Supraventricular Tachycardia</i> <i>Ventricular Fibrillation</i> <i>Ventricular Tachycardia</i>

UNIVERSITY ADVISING AND MENTORING ROLES

Medical Students

2015 – 2016	Elisa Wing, MD (AMS '18) Mentored for Women in Medicine Longitudinal Mentoring Program, Alpert Medical School of Brown University
2022 – Present	Jessica Moore, MD '24 (AMS '24)

- Faculty Mentor for Advanced Clinical Mentorship Program, Alpert Medical School of Brown University/Rhode Island Hospital, Providence, RI

Residents

2014 - 2015

Renee Kleris, MD (Brown Pediatric Residency Program)

- Faculty Mentor for Brown University Pediatric Residency Global Health Program, Providence, RI and St Damien Children's Hospital, Port-au-Prince, Haiti

2014 - 2015

Alison Labadie, MD (Brown Pediatric Residency Program)

- Faculty Mentor for Brown University Pediatric Residency Global Health Program, Providence, RI and St Damien Children's Hospital, Port-au-Prince, Haiti

2015 - 2016

Kelly Corbett, MD (Brown Pediatric Residency Program)

- Faculty Mentor for Brown University Pediatric Residency Global Health Program, Providence, RI and St Damien Children's Hospital, Port-au-Prince, Haiti
- "Pediatric Cardiopulmonary Resuscitation: Evaluation and Training in a Resource-Limited Setting"
- Poster presented at the 2017 International Meeting on Simulation in Healthcare (IMSH) Conference, Orlando, FL, Jan 2017.

2015 - 2016

Greg Goldstein, MD (Brown Pediatric Residency Program)

- Faculty Mentor for Brown University Pediatric Residency Global Health Program, Providence, RI and St Damien Children's Hospital, Port-au-Prince, Haiti
- "Pediatric Cardiopulmonary Resuscitation: Evaluation and Training in a Resource-Limited Setting"
- Poster presented at the 2017 International Meeting on Simulation in Healthcare (IMSH) Conference, Orlando, FL, Jan 2017.

2020 - 2021

Jessica Kelly, MD (Brown Pediatric Residency Program)

- Faculty Mentor for Brown University Pediatric Residency Research Project
- "Assessing Cardiac Arrest Preparedness in Schools"

2020 - 2022

Carly Schmidt, MD (Brown Pediatric Residency Program)

- Faculty Mentor for Brown University Pediatric Residency Research Project
- "Assessing Cardiac Arrest Preparedness in Schools"

2020 - 2022

Adam Kronish, MD (Brown Pediatric Residency Program)

- Faculty Mentor for Brown University Pediatric Residency Research Project
- "Needs Assessment for an Inpatient-Based Simulation Curriculum for Pediatric Residents"
- "Pediatric Residency Inpatient Simulation-Based Education (RISE) Curriculum"

2020 - 2022

Daniel Alanko, MD (Brown Pediatric Residency Program)

- Faculty Mentor for Brown University Pediatric Residency Research Project
- “Needs Assessment for an Inpatient-Based Simulation Curriculum for Pediatric Residents”
- “Pediatric Residency Inpatient Simulation-Based Education (RISE) Curriculum”

Fellows

2017 – 2019

Manal Halwani, MD (BAEMA Medical Simulation Fellowship '18)

- Fellowship Advisor, Medical Simulation Fellowship, Lifespan Medical Simulation Center, Brown University
- “Simulation-based Performance and cOmpliance Testing for Age-appropriate Chest Compression in Kids (SPOTCheCK) Study”
- Presented abstract at the 2019 International Meeting on Simulation in Healthcare (IMSH) Conference, San Antonio, TX, Jan 2019

2018 – 2021

Hoi See Tsao, MD (Brown Pediatric Emergency Medicine Fellowship Program)

- Fellowship Faculty Advisor
- “The Rocking Pelvis”, published in *Pediatric Traumatic Emergencies*, 2020
- “Excellence in Communication and Emergency Leadership (ExCEL): Pediatric First 5 Minutes Workshop for Residents”, published in *MedEdPORTAL*. 2020

2019 – 2021

Sakina Sojar, MD (Brown Pediatric Emergency Medicine Fellowship Program)

- Fellowship Research Mentor
- “Utilization of a Foot Pedal Operated Manual Resuscitator for Ventilatory Support by a Single Rescuer” Grant 2019 and published in *Journal of American College of Emergency Physicians (JACEP)*, 2022.

2020 – 2022

Hannah Barber-Doucette, MD (Brown Pediatric Emergency Medicine Fellowship Program)

- DARE-EM Program Simulation Mentor
- “Discussing Anti-Racism and Equity in Emergency Medicine: Simulation Curriculum”

2020 – 2023

Lauren Vrablik, MD (Brown Pediatric Emergency Medicine Fellowship Program)

- Scholarly Concentration Mentor
- “COVID PPE Communication Survey”

2022 – 2023

Josh Meyer, MD (Brown Pediatric Emergency Medicine Fellowship Program)

- “Pericarditis with Cardiac Tamponade: A Simulation Case of Respiratory Distress in an Infant”

Faculty

2023 - Present

Erica lafelice, MD

- New Faculty Ambassador