

Revised 9/2023

CURRICULUM VITAE
Frank Lamond Overly

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EDUCATION:

Undergraduate: **Bucknell University**, Lewisburg, PA. 1987-1991
Degree: Bachelor of Science in Electrical Engineering
University of Pennsylvania, Philadelphia, PA. 1991-1993
Program: Post Baccalaureate Pre-Health
Medical School: **University of Rochester School of Medicine and Dentistry**
Rochester, NY. 1993-1997

POSTGRADUATE TRAINING:

Residency: Pediatrics 1997-2000
University of Pittsburgh Medical Center, Children's Hospital of Pittsburgh, Pittsburgh, PA.
Fellowship: Pediatric Emergency Medicine Fellowship 2000-2003
Alpert Medical School of Brown University, Hasbro Children's Hospital, Providence, RI.

POSTGRADUATE HONORS AND AWARDS:

Student Marshal for medical school graduation: 1997
Two students were elected by the graduating class based on work ethic, morals and personal attributes.
Award for Outstanding Performance in Neonatal Intensive Care
Children's Hospital of Pittsburgh *during residency* 2000
Award for Outstanding Performance in Primary Care
Children's Hospital of Pittsburgh *during residency* 2000
Outstanding Physician Award 2008
University Emergency Medicine Foundation, Providence Rhode Island
Int'l Meeting on Simulation in Healthcare, 1st Place Research Abstract 2009

Lifespan Fain Award

2017

(to recognize outstanding efforts by teams or individuals to improve the quality of care provided by Lifespan’s partner hospitals).

Lead an interdisciplinary group to implement a project titled “Expedite to Excellence Enhancing and Maximizing the Experience of Patients and Families in the Hasbro Children’s Hospital ED”. Demonstrated a reduction in time for patients to be seen and reduction in number of patients leaving without being seen.

Rhode Island Top Doctors

2022

Rhode Island Top Doctors

2023

BOARDS/ CERTIFICATIONS:

Pediatrics

Oct, 2000

Pediatric Emergency Medicine

Nov, 2004

PALS – provider

PALS - Instructor

2009-present

ATLS – provider

1998, 2010

LICENSURE:

Rhode Island - Active

Exp Jun, 2020

DEA - Active

Exp Jun, 2020

Rhode Island Controlled Substance - Active

Exp Jun, 2020

Pennsylvania - Inactive

ACADEMIC APPOINTMENTS:

Clinical Instructor in Medicine – Brown University

2000-2003

Assistant Professor in Emergency Medicine and Pediatrics- Brown University

2003-2011

Associate Professor in Emergency Medicine and Pediatrics- Brown University

2011-2018

Professor in Emergency Medicine and Pediatrics- Brown University

2019-present

HOSPITAL APPOINTMENTS:

Procurement Specialist-Tissue and Bone Bank: The Hospital of the University of Pennsylvania. Philadelphia, PA.

1992-1993

Resident Physician-Department of Pediatrics: University of Pittsburgh, Children’s Hospital of Pittsburgh, PA

1997-2000

Transport Physician: Hasbro Children's Hospital and Children's Hospital of Pittsburgh. 1999-2003

Urgent Care Attending Physician: Hasbro Children's Hospital, Providence, RI. 2000-2003

Fellow in Pediatric Emergency Medicine: Department of Emergency Medicine and Pediatrics: Brown University and Hasbro Children's Hospital 2000-2003

House Physician: Landmark Medical Center. Woonsocket, RI. 2000-2006

Attending Physician: Pediatric Emergency Medicine
Hasbro Children's Hospital 2003-present

Trauma Liaison for PEM 2005-2016,
2017-2019

Co-Director of Pediatric Simulation 2003-2008
Rhode Island Hospital Medical Simulation Center

Operational Co-Director 2005-2006
Rhode Island Hospital Medical Simulation Center

Co-Director Rhode Island Hospital Medical Simulation Center 2006-2013

Director of Pediatric Simulation 2008-2016
Rhode Island Hospital Medical Simulation Center

Co-Director Medical Simulation Fellowship 2008-2014
Rhode Island Hospital Medical Simulation Center

Director Lifespan Medical Simulation Center 2014-2016

Associate Medical Director Pediatric Emergency Department 2014-2016
Hasbro Children's Hospital

Medical Director Pediatric Emergency Department 2016-present
Hasbro Children's Hospital

Pediatric Service Line Triad Leadership Representative 2020-2022
Hasbro Children's Hospital

OTHER APPOINTMENTS:

Facilitator - Rhode Island Hospital Medical Simulation Center 2002-present
Utilize simulation enhanced sessions with a wide variety of learners, ranging from high school students, medical students, resident physicians, fellows, attending, nurses and pre-hospital personnel

Team Member - Newport Hospital TeamSTEPPS Program 2006-2007
(non-SIM project completed)

Planning of phased hospital-wide simulation-enhanced Team Strategies and Tools to Enhance Performance and Safety (TeamSTEPPS) educational program.

Co-Investigator- Resuscitation Bay Research Initiative 2006-2007
Collaboration between EM clinicians, industrial designers + hospital system to identify opportunities for ED Resuscitation Bay improvement.

Reviewer - Simulation in Healthcare 2006-present
Peer review of submitted academic manuscripts for simulation specialty journal.

Reviewer – Pediatric Emergency Care 2010-present

Reviewer – Pediatrics 2015-present

Reviewer - International Journal for Quality in Healthcare 2007,2012, 2013

Reviewer – Academic Emergency Medicine 2012-2013

Simulation Advisor - Community College of Rhode Island 2008-2009
(consultation completed)
Simulation expert consultative role in nursing school simulation lab development.

Video Review Expert – EXPRESS/INSPIRE 2008-2016
EXamining **P**ediatric **R**esuscitation **E**ducation using **S**imulation and **S**cripting: an International Pediatric Simulation Research Collaborative. Assist in reviewing and scoring videos of simulated resuscitations to examine various aspects of pediatric care and to assess the effectiveness of different teaching modalities.

Pediatric Emergency Medicine Representative for Rhode Island American College of Emergency Physicians (RIACEP) 2010-2016

Member of Executive and Leadership Committee- New England Simulation Education and Research Consortium. 2012-2019

UEMF Board Member 2013-2019

BPI HR Workgroup 2017-2019

BPI Board of Directors (at large member) 2020-2021

BPI Finance Committee Member 2020-2021

INSPIRE (International Network for Simulation-based Pediatric Innovation, Research and Education) **Research Committee**.
Member of the research committee to help oversee, project submissions for annual meetings in addition to providing mentoring for junior investigators. 2016-present

COMMITTEES:

Rhode Island Hospital/Hasbro Children's Hospital/Lifespan

HCH Flow Steering Committee	2019-present
Pediatric Executive Committee	2014-2021
RIH Ebola Preparedness Committee	2014-present
RIH Disaster Preparedness Committee	2014-present
Hasbro Throughput Committee	2013-2017
Hasbro ED Operations Committee	2013-present
Hasbro ED Quality Committee	2014-2021
Ped Emergency Med Collaborative Care Comm	2011-2019
Lead, Lifespan Simulation Advisory Committee	2009-2016
Chair, Lifespan Simulation Steering Committee	2008- 2009
Member, Trauma Committee	2005-present
Member, Pediatric Trauma Committee	2005-present
Co-Chair, RIH Medical Simulation Center Academics+Research Committee	2006-2013
RIH Medical Simulation Center Academics+Research Committee	2013-2014
Co-Chair, RIH Medical Simulation Center Operations Committee	2005-2016
Member, Lifespan Risk Management committee	2003-2004
<u>Department of Emergency Medicine</u>	
Education Committee	2001-2003
Negotiations Committee	2003-2005
Pediatric Emergency Med Curriculum Committee	2005-present
Compliance Committee UEMF/Brown EM	2013-present
Chair, Benefits Committee UEMF	2013-2016
Brown EM Executive Committee	2013-present
Member, Benefits Committee UEMF/Brown EM	2017-2021

401K Planning Committee UEMF	2013-2018
PEM Attending Search Committee	2017-present
PEM Vice Chair Search Committee	2017-2018
Expedite to Excellence Committee Pediatric Emergency Medicine. Interprofessional committee of clinical leaders for the Hasbro ED aimed at improving patient flow and clinical care.	2016-2018
Brown EM Staff Optimization Task Force/Committee	2018-present
Brown PEM Salary and Equity Task Force	2018
Brown EM Promotion and Clinical Hours Task Force	2018

Brown University

Member, Clinical Curriculum Redesign: Working Group 4: Optimizing the Clinical Learning Environment Alpert Medical School	2009-2011
Member, Evaluation Committee member for Scholarly Concentration in Medical Technology and Innovation Alpert Medical School	2010

Society for Simulation in Healthcare

Member, Roundtable Planning Committee International Meeting of Simulation in healthcare, New Orleans, LA	2010-2011
Chair, Section for Pediatric Content for International Meeting of Simulation in Healthcare 2011: Lead a group to oversee content of annual meeting (pre conference, expert panels, workshops, etc) New Orleans, LA	2010-2011
Abstract Referee International Meeting of Simulation in Healthcare Orlando, FL	1/2009
Abstract Referee International Meeting of Simulation in Healthcare Phoenix, AZ	1/2010
Abstract Referee International Meeting of Simulation in Healthcare New Orleans, LA	1/2011
Abstract Referee International Meeting of Simulation in Healthcare San Diego, CA	1/2012
Abstract Referee International Meeting of Simulation in Healthcare	

Orlando, FL	1/2013
Abstract Referee International Meeting of Simulation in Healthcare San Fran, CA	1/2014
Abstract Referee International Meeting of Simulation in Healthcare New Orlean, LA	1/2015
Abstract Referee International Meeting of Simulation in Healthcare San Diego, CA	1/2016

Pediatric Academic Societies

Workshop Reviewer of submissions for Pediatric Academic Societies Annual Meeting 2012 Boston, MA	2011-2012
Workshop Reviewer of submissions for Pediatric Academic Societies Annual Meeting 2013 Washington, DC	2012-2013
Workshop Reviewer of submissions for Pediatric Academic Societies Annual Meeting 2014 Vancouver, BC	2013-2014

PROFESSIONAL MEMBERSHIPS:

Fellow of the American Academy of Pediatrics	1997-present
Ambulatory Pediatric Association	2001-present
American Medical Association	2003-2005
American College of Emergency Physicians	2009-present
Society of Academic Emergency Medicine	2007-2019
Society for Simulation in Healthcare	2004-present
Member International Pediatric Simulation Symposium	2013-2014
Member Pediatric Trauma Society	2013-2014

PUBLICATIONS:

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 1) **Overly FL**, Wright RO, Conner F, Fontaine B, Jay G, Linakis J: Bispectral Analysis in the Pediatric Patients During Procedural Sedation. *Pediatric Emergency Care*. (2005)
- 2) **Overly FL**, Wright RO, Conner, Jay G, Linakis J: Bispectral analysis during deep sedation of pediatric oral surgery patients. *Journal of Oral and Maxillofacial Surgery*. (2005)

- 3) Kobayashi L, Suner S, Shapiro MJ, Jay G, Sullivan F, **Overly FL**, Seekell C, Hill A, Williams KA: Multi-patient disaster scenario design using mixed modality medical simulation for the evaluation civilian pre-hospital medical response: a “dirty bomb” case study. *Simulation in Healthcare* (Feb 2006)
- 4) **Overly FL**, Sudikoff S, Shapiro M: High fidelity medical simulation as an assessment tool for pediatric residents' airway management skills. *Pediatric Emergency Care* (2007)
- 5) Kobayashi L, Patterson M, **Overly F**, Shapiro M, Williams K, Jay G: Educational and Research Implications of Portable Human Patient Simulation in Acute Care Medicine. *Academic Emergency Medicine* (Nov 2008)
- 6) Cole SL, Kuppermann N, Andrada E, **Overly FL**, Valente JH, Romano PS, Marcin JP: Quality of Care Provided to Acutely Ill Children in Emergency Departments by Hospital Setting and Physician Training. *Journal of Pediatrics* (December 2008)
- 7) Kobayashi L, **Overly FL**, Fairbanks RJ, Patterson M, Kaji AH, Bruno EC, Kirchhoff MA, Strother CG, Sucov A, Wears RL. Advanced medical simulation applications for Emergency Medicine microsystems evaluation and training. *Academic Emergency Medicine* (Nov 2008).
- 8) **Overly F**, Sudikoff S, Duffy S, Anderson A, Kobayashi L: The Utilization of Medical Simulation to Teach Difficult Discussions in Pediatric Emergency Medicine. *Simulation in Healthcare* (Summer 2009)
- 9) Sudikoff S, **Overly FL**, Shapiro M.: High-Fidelity Medical Simulation as a Technique to Improve Pediatric Residents' Emergency Airway Management and Teamwork: A Pilot Study. *Pediatric Emergency Care* (October 2009)
- 10) Shapiro M, Kobayashi L, **Overly FL**, Lindquist D, Croskerry P, Beach C, Behara R, Eisenberg E, Murphy L, Perry S, Vanderhoef M, Wears R, Hobgood C, Babu K: CMS Transportable Simulation-Based Training Curriculum in Patient Safety. *American Association of Medical Colleges (AAMC) MedEdPortal* (December 2009)
- 11) Kobayashi L, Lindquist D, Jenouri I, Dushay K, Haze D, Sutton E, Smith J, Tubbs R, **Overly F**, Foggie J, Dunbar-Viveiros J, Jones M, Marcotte S, Werner D; Cooper M, Martin P, Tammara D, Jay G: Comparison of Sudden Cardiac Arrest Resuscitation Performance Data Obtained from In-Hospital Incident Chart Review and In Situ High-fidelity Medical Simulation. *Resuscitation* (April 2010)
- 12) Bakhos L, **Overly F**, Valente J: Procedural Sedation and Analgesia (PSA): A Primer for Outpatient Procedure. *Hospital Physician*. (Jan 2009)
- 13) Cheng, A, Hunt EA, Donoghue A, Nelson K, Leflore J, Anderson J, Eppich W, Simon R, Rudolph J, Nadkarni V: Research Collaborative Nishisaki A, Moyer M, Brett-Fleegler M, Kleinman M, Braga M, Kost S, Stryiewski G, Min S, Podraza J, Lopreiato J, Fiedor Hamilton M, Duff J, Hopkins J, Stone K, Reid J, Leonard D,

Ventre K, Corbin L, Boyle K, Festa M, **Overly F**, Sudikoff S, Ikeyama T, Halamek L, Schexnayder S, Boulet J, Gosbee J, Gosbee L: **E.X.P.R.E.S.S. – EX**amining **P**ediatric **R**esuscitation **E**ducation using **S**imulation and **S**cripting: The Birth of an International Pediatric Simulation Research Collaborative – From Concept to Reality. *Simulation in Healthcare* (Feb 2011)

- 14) Donaghue A, Ventre K, Boulet J, Brett-Fleegler M, Nishisaki A, **Overly F**, Cheng A: Design, Implementation, and Psychometric Analysis of a Scoring Instrument for Simulated Pediatric Resuscitation. *Simulation in Healthcare*. (April 2011)
- 15) Cheng A, Nadkarni V, Hunt EA, Qayumi K; EXPRESS Investigators; Nelson K, Eppich W, Rudolph J, Simon R, Anderson J, Donoghue A, Nishisaki A, Moyer M, Brett-Fleegler M, Kleinman M, Leflore J, Braga M, Kost S, Stryjewski G, Min S, Podraza J, Lopreiato J, Fiedor Hamilton M, Duff J, Hopkins J, Stone K, Reid J, Leonard D, Ventre K, Corbin L, Boyle K, Festa M, **Overly F**, Sudikoff S, Ikeyama T, Halamek L, Schexnayder S, Boulet J, Kappus L, Gosbee J, Gosbee L, Manos J, Richard M.: A Multifunctional Online Research Portal for Facilitation of Simulation-based Research: a Report from the EXPRESS Pediatric Simulation Research Collaborative. *Simulation in Healthcare* (August 2011)
- 16) Kobayashi L, **Overly F**, Gosbee J. Emergency Department Procedural Sedation *In Situ* Simulation Materials (SLIPSTREAM SD-R Study Scenarios A + B). MedEdPortal, 2012. Available from: <http://www.aamc.org/mededportal>, ID = 8220.
- 17) Van Ness-Otunnu R, Kobayashi L, Ford S, **Overly F**. 28-day-old Male with Non-Obstructing Supracardiac Total Anomalous Pulmonary Venous Connection and Atrial Septal Defect Presenting with Pulmonary Overcirculation . a simulation based teaching module published in MedEdPORTAL; 2012. Available from: www.mededportal.org/publication/9155
- 18) Lee MO, Brown LL, Bender J, Machan JT, **Overly FL**. A Medical Simulation-based Educational Intervention for Emergency Medicine Residents in Neonatal Resuscitation *Academic Emergency Medicine*. (May, 2012)
- 19) Kobayashi L, Dunbar-Viveiros J, Devine J, Jones M, **Overly F**, Gosbee J, Jay G: Pilot Phase Findings from High-fidelity In Situ Medical Simulation Investigation of Emergency Department Procedural Sedation. *Simulation in Healthcare*. (April 2012)

- 20) Duff J, Chen A, Bahry L, Hopkins J, Richard M, Schexnayder S, Carbonaro M, EXPRESS investigators: Hunt E, Nadkarni V, Nelson-McMillan K, Donoghue A, Nishisaki A, Leflore J, Eppich W, Adler M, Moyer M, Brett-Fleegler M, Kleinman M, Anderson J, Simon R, Anderson J, Braga M, Kost S, Stryjewski G, Min S, Podraza J, Lopreiato J, Fiedor Hamilton M, Stone K, Reid J, Manos J, Kappus L, Leonard D, Ventre K, Corbin L, Boyle K, Festa M, **Overly F**, Sudikoff S, Takanarikeyama, Rudolph J, Simon R, Boulet J, Halamek L, Gosbee J, Gosbee L. Development and Validation of a Multiple Choice Examination Assessing Cognitive and Behavioral Knowledge of Pediatric Resuscitation: A report from the Express collaborative. *Resuscitation*. (2013)
- 21) Cheng A, Hunt E, Donoghue A, Nelson-McMillan K, Nishisaki A, LeFlore J, Eppich W, Moyer M, Brett-Fleegler M, Kleinman M, Anderson J, Adler M, Braga M, Kost S, Stryjewski G, Min S, Podraza J, Lopreiato J, Fiedor Hamilton M, Stone K, Reid J, Hopkins J, Manos J, Duff J, Richard M, Nadkarni V, for the EXPRESS Investigators:, Boyle K, Boulet J, Corbin L, Festa M, Gosbee J, Gosbee L, Halamek L, Ikeyama T, Kappus L, Leonard D, **Overly F**, Rudolph J, Schexnayder S, Simon R, Sudikoff S, Vente K. Examining Pediatric Resuscitation Education Using Simulation and Scripted Debriefing (EXPRESS): A Multicenter, Randomized-Controlled Trial . *JAMA Pediatrics*, (April 2013)
- 22) Roszko P, **Overly F**. "18 month old male with Incomplete Kawasaki Disease" a simulation based teaching module published in *MedEdPortal*, 2013. Publications. ID is MEP-2012-0277.
- 23) **Overly, F. L.**, Wills, H., Valente, J. H. 'Not just little adults' - a pediatric trauma primer. *Rhode Island Medical Journal Trauma*, (Jan 2014)
- 24) Zajano E, Brown L, Steele D, Baird J, **Overly F**, 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*, (Mar 2014)
- 25) Cicero, M. Brown L, **Overly F**, Yarzebski J, Meckler G, Fuchs S, Tomassoni A, Aghababian R, Chung S, Garrett A, Fagbuyi D, Adalgais K, Goldman R, Parker J, Auerbach M, Riera A, Cone D, Baum CR. Creation and Delphi-Method Refinement of Pediatric Disaster Triage Simulations. *Prehospital Emergency Care*, (April 2014)
- 26) Merrit, C, **Overly F**. "An adolescent boy with systemic toxicity due to smoke inhalation" published in *MedEdPortal* August 2014
Manuscript ID MEP-2014-0045.R2
- 27) Bender J, Kennally K, Shields R, **Overly F**. Does simulation booster impact retention of resuscitation procedural skills and teamwork? *Journal of Perinatology*, (Sept 2014)
- 28) Cheng A, **Overly F**, Kessler D, Nadkarni VM, Lin Y, Doan Q, Duff J, Tofil NM, Bhanji F, Adler M, Charnovich A, Hunt EA, Brown LL. for the International Network for Simulation-based Pediatric Innovation, Research and Education (INSPIRE) CPR Investigators* Perception of CPR Quality: Influence of CPR

Feedback, Justin-Time CPR Training and Provider Role. *Resuscitation*. (Feb, 2015)

- 29) Cheng A, Brown LL, Duff JP, Davidson J, **Overly F**, Tofil NM, MD, Taylor Peterson D, White ML, Bhanji F, Bank I, Gottesman R, Adler M, Zhong J, Grant V, Grant D, Sudikoff S, Marohn K, Charnovich A, Hunt EA, Kessler D, Wong H, Robertson N, Lin Y, Doan Q, Duval-Arnould J, Nadkarni VM, for the International Network for Simulation-based Pediatric Innovation, Research and Education (INSPIRE) CPR Investigators*. Improving CardioPulmonary Resuscitation with a CPR Feedback Device And Refresher Simulations (CPR CARES Study): A Multicenter, Randomized Trial. *Jama Pediatrics* (Feb, 2015)
- 30) Seigel NA, Kobayashi L, Dunbar-Viveiros J, Devine J, Al-Rasheed R, Gardiner F, Ollson K, Lai S, Jones MS, Dannecker M, **Overly FL**, Gosbee JW, Portelli D, Jay GD. In Situ Medical Simulation Investigation of Emergency Department Procedural Sedation with Randomized Trial of Experimental Bedside Clinical Process Guidance Intervention. *Simulation in Healthcare*. (June, 2015)
- 31) Cicero M, **Overly F**, Brown L, Yarzebski J, Walsh B, Shabanova V, Auerbach M, Riera A, Adelgais K, Meckler G, Cone D, Baum CR. Comparing the Accuracy of Three Pediatric Disaster Triage Strategies: A Simulation-Based Investigation. *Disaster Medicine and Public Health Preparedness*, (Jan, 2016)
- 32) Adler M, **Overly F**, Nadkarni VM, Davidson J, Gottesman R, Bank I, Marohn K, Sudikoff S, Grant V, Cheng A. for the International Network for Simulation-based Pediatric Innovation, Research and Education (INSPIRE) CPR Investigators*. An Approach to Confederate Training within the Context of Simulation-Based Research. *Simulation in Healthcare*. 2016 Oct PMID: 27388861
- 33) Cicero MX, Whitfill T, **Overly F**, Baird J, Walsh B, Yarzebski J, Riera A, Adelgais K, Meckler G, Cone DC, Baum CR, Auerbach M. "Pediatric Disaster Triage: A Multiple Simulation Curriculum Improves Prehospital Care Providers' Assessment Skills". *Prehospital Emergency Care*. 2016 Oct 17:1-8. PMID: 27749145
- 34) Hunt EA, Duval-Arnould J, O Chime N, Auerbach M, Kessler D, Duff JP, Shilkofski N, Brett-Fleegler M, Nadkarni V, Cheng A. **International Network for Simulation-based Pediatric Innovation, Research and Education (INSPIRE) Investigators**. (Alqahtani A, Anderson J, de Armendi AJ, Arnold J, Bennett M, Bould D, Brown L, Chang TP, Eppich WJ, Everett T, Grant VJ, Halamek LP, Haubner L, Ikeyama T, Kennedy C, Mackinnon R, Mehta R, Meyer E, Nishisaki A, **Overly F**...) "Building consensus for the future of paediatric simulation: a novel 'KJ Reverse-Merlin' methodology. *BMJ Simulation and Technology Enhanced Learning*. (April 2016) doi:10.1136
- 35) 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**. (**Overly F**, Brown L, Duff JP, Peiris NR, ...) Workload of Team Leaders and Team Members During a Simulated Sepsis Scenario. *Pediatric Crit Med* (June, 2017)

- 36) Kessler DO, Peterson DT, Bragg A, Lin Y, Zhong J, Duff J, Adler M, Brown L, Bhanji F, Davidson J, Grant D, Cheng A: **International Network for Simulation-Based Pediatric Innovation, Research and Education CPR investigators.** (Nadkarni V, Hunt E, Tofil N, Grant V, Bank I, White ML, **Overly F...**) Causes for Pauses During Simulated Cardiac Arrest. *Pediatr Crit Care Med* (Aug, 2017)
- 37) Franco M, Brown L, Baird J, **Overly F.** EMR in the ED: A cross-sectional survey of resuscitation documentation practices and perceptions among emergency department clinicians. *Pediatric Emergency Care*, 2018 Mar 28. doi: 10.1097/PEC.0000000000001441.
- 38) Brown L, Lin Y, Tofil NM, **Overly F**, Duff JP, Bhanji F, Nadkarni V, Hunt EA, Bragg A, Kessler D, Bank I. Impact of a CPR Feedback Device on Healthcare Provider Workload During Simulated Cardiac Arrest. *Resuscitation* Article accepted for publication 27 Jun 2018
- 39) Wing R, Baird J, Duffy S, Brown L, **Overly F**, Nocera Kelley M, Merritt C. Pediatric Airway Assessment Tool (PAAT): a rating tool to assess resident proficiency in simulated pediatric airway skills performance. *MedEdPORTAL*. 2020 Oct;16:10997. https://doi.org/10.15766/mep_2374-8265.10997 [doi.org]
- 40) Rideout J, Ozawa E, Bourgeois D, Chipman M, **Overly F**, Can hospital adult code-teams and individual members perform high-quality CPR? A multicenter simulation-based study incorporating an educational intervention with CPR feedback. *Resuscitation Plus*. Volume 7, September 2021, doi.org/10.1016/j.resplu.2021.100126

OTHER PEER-REVIEWED PUBLICATIONS

- 1) **Overly FL**, Steele DW: Common Pediatric Fractures. *Clinical Pediatric Emergency Medicine*. (2002)
- 2) Cicero M, **Overly F**, Brown L, Yarzebski J, Auerbach M, Riera A, Cone D, Baum C. Small Victims, Big Challenges: Pediatric Disaster Triage in the Prehospital Setting. *Available from the Emergency Medical Services for Children National Resource Center*. (2013)
- 3) Brown L, **Overly F**: Simulation-Based Interprofessional Team Training. *Simulation for Pediatric Emergency Medicine. Clinical Pediatric Emergency Medicine*. (September, 2016)

BOOKS AND BOOK CHAPTERS

- 1) **Overly FL.** *Respiratory Distress: Asthma, Pediatric Resuscitation: a Practical Approach*. Edited by Mark Roback and Stephen Teach. (2005)

- 2) **Overly FL**, Ching K, Meckler G. "*Pediatric Emergency Medicine and Trauma (including PALS)*" *Comprehensive Healthcare Simulation: Pediatric Edition*, edited by Adam Cheng and Vincent Grant. (2016)
- 3) **Overly FL**, Franco M, Brown LL. "*Pediatric Emergency Medicine*" *Comprehensive Health Simulation Series: Emergency Medicine Edition*, edited by Drs. Christopher Strother, Yasuharu Okuda, Nelson Wong, Steven McLaughlin(2021)

OTHER NON-PEER-REVIEWED PUBLICATIONS

- 1) **Overly F**. High-Fidelity Medical Simulation in the World of Pediatric Emergency Medicine. *ACEP Newsletter* (May 2008)
- 2) Chapman J, **Overly F**. "Saving a Child's Life" *The Fast Track, An Emergency Medicine Publication. The Summer Issue* (2017)

ABSTRACTS:

- 1) **Overly FL**, "Bispectral Analysis in the Pediatric Emergency Department During Conscious Sedation."
Platform presentation at APA/SPR, Baltimore, MD. 5/2002
Poster presentation at SAEM, St Louis, MO. 5/2002
- 2) **Overly FL** "Bispectral Analysis in Pediatric Patients Undergoing Oral Surgery"
Poster presentation at APA/SPR, Seattle, WA. 5/2003
- 3) **Overly FL**, Sudikoff S, Shapiro, M, "High Fidelity Medical Simulation as an Assessment Tool for Pediatric Resident Airway Management Skills"
Platform Presentation at PAS, Washington, DC. 5/2005
Poster presentation at IMMS, Miami, FL. 1/2004
- 4) Rocholl CW, **Overly FL**, Linakis JG, Steele, DW "A Prospective Observational Study of the Utility of Anorexia, Ketosis and other Clinical Variables to Predict Appendicitis"
Poster presentation at PAS, Washington, DC. 5/2005
- 5) Cole SL, Kupperman N, Andrada E, **Overly FL**, Valente JH, Romana PS, Marcin JP, "Quality of Care Provided to Acutely Ill Children in Emergency Departments by Hospital Setting and Physician Training"
Poster presentation at PAS, Washington, DC. 5/2005
- 6) Sudikoff SN, **Overly F**, Shapiro M. "Pediatric Airway Management via Medical Simulation."
Platform Presentation, SPR/PAS, Washington, DC. 5/2005

- 7) **Overly FL**, Sudikoff S, Shapiro M, "Simulation Based Intervention as an Effective Teaching Tool for Teamwork and Pediatric Airway Skills." Poster presentation at Poster Presentation, IMMS, San Diego, CA 1/2006
- 8) Shapiro M, Kobayashi L, Lindquist D, **Overly FL**, "Development of Transportable Modular Simulation Based Patient Safety Curriculum for General Medical Education." Poster presentation at IMMS, San Diego, CA 1/2006
- 9) Shapiro M, Kobayashi L, **Overly FL**, "Civilian Medical Simulation Centers as A Regional Resource for Training and Skill Sustainment of Reserve Component Medical Personnel In Combat Casualty Care." Poster presentation at IMMS, San Diego, CA 1/2006
- 10) Sudikoff SN, **Overly FL**, Shapiro MJ. "Teaching Pediatric Residents. Emergency Management via Medical Simulation." Poster presentation at the 16th Annual Pediatric Critical Care Colloquium Snowbird, UT. 2/2006
- 11) Kobayashi L, **Overly FL**, Shapiro MJ, Jay, G, "Simulation Proportional Effort Contribution Tracking (SPECTra) system for data-driven determination of individual personnel time and effort contribution to simulation center activity." Poster presentation at IMMS, Orlando, FL 1/2007
- 12) **Overly, FL**, Sudikoff, SN, "Pediatric Simulation Based Didactics for the Delivery of Difficult News." Poster presentation at IMMS, Orlando, FL 1/2007
- 13) **Overly FL**, Lindquist, DG, Kobayashi, L, Paglia, MJ, Browning, L, Choi, K, Gard, D, Shapiro, MJ, "Expanding the use of Hybrid Simulators: Integrating a Standardized Patient and Obstetrical Manikin to Provide Teamwork Training to Multi-Disciplinary Labor and Delivery Room Teams
Poster presentation at Lifespan research celebration, RI 11/2007
Poster presentation at IMSH, San Diego, CA 1/2008
- 14) Kobayashi L, Shapiro MJ, Haze D, Dushay K, Foggie JL, Jenouri IM, Lindquist DG, **Overly FL**, Smith J, Sutton EM, Tubbs RJ, Werner D, Jones MS, Marcotte S, Tammaro D, Martin P, Jay GD. "Preliminary Analysis of In-Hospital Cardiopulmonary Resuscitation Simulation (SimCode) Training Program" Poster presentation at Lifespan research celebration, RI 11/2007
- 15) Jones M, **Overly FL**, Dunbar J, Rezendes M, Kobayashi L, "Use of Re-purposed Human Patient Simulator Equipment for Simulation of Bedside Patient Monitors." Poster presentation at Lifespan research celebration, RI 11/2007
Poster presentation at IMSH, San Diego, CA 1/2008
- 16) Siegel NA, Darula E, O'Rourke E, Bird E, Overly F, Kobayashi L: Towards the Resuscitation Bay of the Future. Poster Presentation SAEM Regional and ACEP Research Forum 2008

- 17) Kobayashi L, **Overly FL**, Cooper M, Jay G, “Comparison of Sudden Cardiac Arrest Resuscitation Performance Data Obtained from In-Hospital Incident Chart Review and In Situ High-Fidelity Medical Simulation.”
 Poster presentation at Lifespan research celebration, RI 11/2008
 1st Place Poster presentation at IMSH, Orlando, FL 1/2009
- 18) Kobayashi L, **Overly FL**, Jay G. “Medical Simulation Scenario Visualization with a Graphic Diagram Representation System.”
 Poster presentation at IMSH, Phoenix, AZ 1/2010
- 19) Lee M, **Overly FL**, Brown L, “Teaching neonatal resuscitation to emergency medicine residents: Does a simulation-enhanced intervention improve knowledge and skills.”
 Poster presentation at IMSH, Phoenix, AZ 1/2010
- 20) Donoghue A, Cheng A, Ventre K, Boulet J, Brett-Fleegler M, Sudikoff S, **Overly F**, Stryjewski G, Podraza J, Braga M, Ikeyama T, Festa M, Nishisaki A.
 “Development and Validation of a Clinical Scoring Tool for Simulated Pediatric Resuscitation: A Report from the EXPRESS Pediatric Research Collaborative”
 Poster presentation at IMSH, Phoenix, AZ 1/2010
- 21) Kobayashi L, Dunbar-Viveiros J, Devine J, Jones M, **Overly F**, Jay G. “*In situ* medical simulation with experimental clinical guidance intervention for emergency department procedural sedation education and assessment. “ 6th European Congress on Emergency Medicine 2010. 9/2010
- 22) Kobayashi L, Dunbar-Viveiros J, Siegel N, Devine J, Jones MS, **Overly FL**, Gosbee JW, Jay GD. Interim Analysis Findings from High-fidelity In Situ Medical Simulation Investigation of Emergency Department Procedural Sedation.
 Poster presentation at IMSH, San Diego, CA 1/2012
- 23) **Overly FL**, Brown LB, Frelove S, Duffy SJ, “A Quality Initiative Utilizing Simulation Uncovers Latent Safety Hazards in a Pediatric Emergency Department”
 Poster Presentation at PAS, Boston, MA 4/2012
- 24) Brown LB, **Overly FL**, Frelove S, Duffy S, “Medical Simulation as a Tool to Teach and Assess Fluid Resuscitation in Pediatric Shock Management”
 Poster Presentation at PAS, Boston, MA 4/2012
- 25) Cicero m, Brown L, **Overly F**, et al. Creation and Delphi-Method Refinement of Prehospital Pediatric Disaster Triage Simulations
 Poster Presentation at PAS, Boston, MA 4/2012
- 26) Brown L, 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 5/2012

- 27) Duffy S, Brown L, **Overly FL**, Development of a Simulation (SIM) Enhanced Multidisciplinary Teamwork Training Program in a Pediatric Emergency Department (PED)
 Poster Presentation at PAS, Boston, MA 4/2012
 Lightning Oral Presentation at SAEM, Chicago, IL 5/2012
- 28) 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 Multi-Disciplinary Teamwork Training
 Poster Presentation International Pediatric Simulation Symposium and Workshops.
 New York, New York 4/2013
- 29) Brown LB, Zajano E, **Overly FL**, 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
 Poster Presentation Pediatric Academic Societies Annual Meeting, Washington DC, 5/2013
- 30) 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, 5/2013
 Platform Presentation Eastern SPR Annual Meeting, Washington DC, 5/2013
- 31) **Overly F**, Brown LB, Freelove 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, 5/2013
- 32) 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 4/2013
 Poster Presentation Pediatric Academic Societies Annual Meeting, Washington DC, 5/2013
- 33) Cheng A, Adler M, Bhanji F, Brown L, Charnovich A, Davidson J, Doan Q, Duff J, Duval-Arnould J, Gottesman R, Grant V, Hunt E, Kessler D, Lin Y, Nadkarni V, **Overly F**, Peterson DT, Robertson N, Sudikoff S, Tofil N, White ML. Improving Cardiopulmonary Resuscitation With a Feedback Device and Refresher Simulation (CPR Cares Study) A Multicenter, Randomized Trial.

1st Place in Research Category

- Poster presentation at IMSH Annual Meeting
New Orleans, LA 1/2015
- 34) Donoghue A, Tofil N, Brown L, **Overly F**, Cheng A. Quantitative Performance Assessment of Simulated Pediatric Cardiopulmonary Resuscitation. AHA Resuscitation Science Symposium
Chicago, IL 11/2014
- IPSSW
Vancouver, Canada 5/2015
- 35) Adler M, **Overly F**, Nadkarni V, Davidson J, Gottesmann R, Bank I, Morohn K, Sudikoff S, Grant V, Cheng A. Approach to Confederate Training within the Context of Simulation Research.

1st Place in Program Innovation Category
Poster and platform presentation at IMSH Annual Meeting
San Diego, CA 1/2016
- 36) Brown L, Tofil N, **Overly F**, Lin Y, Duff J, Bhanji F, Nadkarni V, Hunt E, Charnovich A, Kessler D, Bank I, Cheng A. Impact of CPR Feedback Device on Healthcare Provider Workload During Simulated Pediatric Cardiac Arrest. Poster Presentation at IMSH Annual Meeting
San Diego, CA 1/2016
- 37) Calhoun A, Maa T, Auerbach M, **Overly F**, Geeraerts T, Dong Y, Arteaga G, Khodadoust N, Venegas-Borsellino C, LeFlore J, Raymond T, Nadkarni V, Kurrek M. How Closely does Simulation Approximate Reality? A Comparison of Key Resuscitation Metrics Between Simulated and Actual Cardiopulmonary Arrests. Poster Presentation at IMSH Annual Meeting
San Diego, CA 1/2016
- 38) 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 presentation at the 2017 New England Regional Society of Academic Emergency Medicine (SAEM) Meeting
Worcester, MA, 3/2017
- 39) 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 presentation at the 2017 International Conference on Residency Education (ICRE)
Quebec City, Canada 10/2017
- 40) Rideout, J, **Overly, F**, Bourgeois, D, Ozawa, E, Darby, JR, Chipman, S, Braga, M. High Quality CPR - Assessment and Educational Intervention for Hospital Code Teams Members: A NESERC Multicenter Simulation Based Study The Society In Europe for Simulation Applied to Medicine.

Bilboa, Spain

6/2018

RIH/PEDIATRIC GRAND ROUNDS:

“Medical Simulation: A New Paradigm in Medical Education” 8/2005

“Medical Simulation, A review and overview of the simulation programs at Lifespan” 3/2013

INVITED PRESENTATIONS:

National/International:

- 1) **“Emergency Preparedness and Office Mock Codes for the General Practitioner”** *asked to organize and run simulation component of workshop.* American Academy of Pediatrics National Conference and Exhibition, San Francisco, CA 10/ 2007
- 2) **“How to Teach the Management of Pediatric Emergencies Using Medical Simulation”** *organized, ran and lectured for this workshop.* Society of Academic Emergency Medicine National Conference, Washington, DC 5/2008
- 3) **“Microsystems Track, Simulation in Healthcare: Defining and Developing Clinical Expertise”** *assisted in development of session and was scribe during the session, and small group leader.* Society of Academic Emergency Medicine National Conference, Washington, DC 5/2008
- 4) **“Professor Rounds”** *Invited to lead discussion on walking professor rounds* International Meeting of Simulation in Healthcare Orlando, FL 1/2009
- 5) **“Professor Rounds”** *Invited to lead discussion on walking professor rounds* International Meeting of Simulation in Healthcare Phoenix, AZ 1/2010
- 6) **“Teaching Multidiscipline CRM Via Medical Simulation”** presented preconference graduate level 4 hour workshop at International Meeting of Simulation in Healthcare Phoenix, AZ 1/2010
- 7) **“Innovations in Pediatric Simulation: Training for WMD Emergency Preparedness with Pediatrics”** presented as part of an expert panel at International Meeting of Simulation in Healthcare Phoenix, AZ 1/2010
- 8) **“TESTPILOT: Advanced Medical Simulation as a Tool to Assess New Clinical Settings and Systems”** presented as part of a workshop at International Meeting of Simulation in Healthcare Phoenix, AZ 1/2010
- 9) **“Teaching Multidiscipline CRM Via Medical Simulation”** presented preconference graduate level 4 hour workshop at International Meeting of Simulation in Healthcare New Orleans, LA 1/2011

- 10) **“Incorporating Simulation into Continuing Medical Education (CME) Courses for Physicians, the Challenges and the Benefits, Lessons Learned from Three Different Courses over Five Years.”** A podium presentation at International Meeting of Simulation in Healthcare
New Orleans, LA 1/2011
- 11) **“Medical Errors: The Art (and Science) of Apology”** A workshop focusing on how to utilize high fidelity simulation to create a curriculum focusing on disclosing medical errors. International Meeting of Simulation in Healthcare
New Orleans, LA 1/2011
- 12) **“Safety First: Developing a Procedural Sedation Curriculum Utilizing High Fidelity Simulation”** A workshop focusing on how to utilize high fidelity simulation to create a curriculum focusing Safe administration of procedural sedation. International Meeting of Simulation in Healthcare
New Orleans, LA 1/2011
- 13) **“Professor Rounds”** *Invited to lead discussion on walking professor rounds* International Meeting of Simulation in Healthcare
San Diego, CA 1/2012
- 14) **“Safety First...Then What? Teaching Procedural Sedation Outside of the OR: Education and Assessment”** A workshop focusing on how to utilize high fidelity simulation to create a curriculum focusing Safe administration of procedural sedation, and assessment of program. International Meeting of Simulation in Healthcare
San Diego, CA 1/2012
- 15) **“Pearls and Pitfalls: The Development of an In-Situ Simulation Enhanced Program to Assess Clinical Settings and Systems”** A Workshop focused on exploring the use of medical simulation for systems testing. International Meeting of Simulation in Healthcare
San Diego, CA 1/2012
- 16) **“Lesson Learned from a Multi-disciplinary Team Training Program in a PEM Setting. Airing Dirty Laundry”** A podium presentation. International Meeting of Simulation in Healthcare
San Diego, CA 1/2012
- 17) **“Is There a Doctor in the Stand? An Interactive Curriculum to Teach Acute Care Sideline Treatment of Sport Related Injuries”** a workshop at the Annual Pediatric Academics Societies National Meeting. I assisted in the design and implementation of a station reviewing the management of the collapsed player, requiring CPR and AED deployment.
Boston, MA 4/2012
- 18) **“Lesson Learned from a Multi-disciplinary Team Training Program in a PEM Setting. Airing Dirty Laundry, Second Load”** A podium presentation. International Meeting of Simulation in Healthcare
Orlando, FL 1/2013
- 19) **“Professor Rounds”** *Invited to lead discussion on walking professor rounds* International Pediatric Simulation Symposium Workshops
New York, NY 4/2013
- 20) **“Speed Mentoring”** Invited to be a mentor for pediatric medical simulation International Pediatric Simulation Symposium Workshops
New York, NY 4/2013

- 21) **Going to camp: A survival Guide for Panning a Simulation-Based Pediatric Resident Boot Camp.** Kim JW, Kessler D, Auerbach M, Danzinger C, Shah N, **Overly F**, Brown L, Falk M, Weinberg E, Santiago K, Ching K. A workshop to review development of this program and assist participants in learning how to develop their own simulation enhanced educational workshops.
International Pediatric Simulation Symposium and Workshops.
New York, NY 4/2013
- 22) **“Multimodal Simulation for Pediatric Disaster Triage Training: Train the Trainer.”** A simulation enhanced workshop reviewing a curriculum to teach the skill of pediatric disaster triage.
International Meeting of Simulation in Healthcare
San Fran, CA 1/2014
- 23) **“Professor Rounds”** *Invited to lead discussion on walking professor rounds*
International Meeting of Simulation in Healthcare
San Fran, CA 1/2014
- 24) **“Mock, Mock Who’s There?”** A 3 hours simulation workshop designed to be a train the trainer course for developing faculty to run a simulation enhanced mock code program.
International Meeting of Simulation in Healthcare
New Orlean, LA 1/2015
- 25) **“Juggling Many Balls and Spinning Many Plates: Exploring Multi-Patient Simulation”** A simulation workshop looking at various forms of multipatient simulation, the challenges and benefits of this type of simulation format.
International Meeting of Simulation in Healthcare
New Orlean, LA 1/2015
International Pediatric Simulation Symposia and Workshops
Boston, MA 5/2017
- 26) **“Professor Rounds”** *Invited to lead discussion on walking professor rounds*
International Meeting of Simulation in Healthcare
New Orlean, LA 1/2015
- 27) **“Mock, Mock Who’s There?”** A preconference 4 hour simulation workshop designed to be a train the trainer course for developing faculty to run a simulation enhanced mock code program.
International Meeting of Simulation in Healthcare
San Diego, CA 1/2016
- 28) **“Professor Rounds”** *Invited to lead discussion on walking professor rounds*
International Meeting of Simulation in Healthcare
San Diego, CA 1/2016
- 29) **“Multi-patient Simulation: Master the Juggling Act”** A simulation workshop, multipatient simulation.
International Meeting of Simulation in Healthcare

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| | Orlando, FL | 1/2017 |
| 30) | “Competency Skills Assessment for Today’s Trainees”
A workshop discussing the development of a curriculum and competency assessment tool using high-fidelity simulation for residents’ pediatric airway management, as well as lessons learned by the course directors.
International Meeting of Simulation in Healthcare
Orlando, FL | 1/2017 |
| | International Meeting of Simulation in Healthcare
Los Angeles, CA | 1/2018 |
| 31) | “Professor Rounds” <i>Invited to lead discussion on walking professor rounds</i>
International Meeting of Simulation in Healthcare
San Antonio, Texas | 1/2019 |
| 32) | “Multi-patient Simulation: Master the Juggling Act” A simulation workshop, multipatient simulation.
International Meeting of Simulation in Healthcare
San Antonio, Texas | 1/2019 |
| 33) | Simulation User Network (SUN) Conference. Invited to speak on using medical simulation to improve the safety of medical care in a children’s hospital.
Mohegan Sun, Connecticut | 4/2019 |
| 34) | “Professor Rounds” <i>Invited to lead discussion on walking professor rounds</i>
International Meeting of Simulation in Healthcare
San Diego | 1/2020 |
| 35) | “Professor Rounds” <i>Invited to lead discussion on virtual professor rounds</i>
International Meeting of Simulation in Healthcare
Virtual | 1/2021 |
| 36) | Small Group Facilitator for research presentations
International Pediatric Simulation Symposia annual meeting
Virtual | 9/2022 |
| 37) | “Mock, Mock Who’s There?” A simulation workshop around a train the trainer course for developing faculty to run a simulation enhanced mock code program.
International Meeting of Simulation in Healthcare
Orlando, FL | 1/2023 |

Regional:

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| 1) | CPC “A Three Year Old with Loss of Milestones” Pediatric Grand Rounds
Children’s Hospital of Pittsburgh, Pittsburgh, PA | 2000 |
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- 2) **“Things You Don’t Want to Miss in the Pediatric Emergency Department”** Emergency Medicine Resident Conference & Pediatric Noon Conference
Rhode Island Hospital/Hasbro Children’s Hospital. 2000
- 3) **“Surgical Emergencies in the Pediatric Emergency Department”**
Emergency Resident Conference & Pediatric Noon Conference
Rhode Island Hospital/Hasbro Children’s Hospital. 2001
- 4) **CPC “Calcium channel blocker & Beta Blocker ingestion, the death cocktail”** Emergency Medicine Resident Conference & Pediatric Noon Conference
Rhode Island Hospital/Hasbro Children’s Hospital. 2001
- 5) **Mock Code, Case of infant with HUS**, Emergency Medicine Resident Conference & Pediatric Noon Conference, Rhode Island Hospital/Hasbro Children’s Hospital. 2001
- 6) **“Is He Faking It? Assessment of Altered Mental Status”**
Case of acute confusional migraines, Pediatric Noon Conference
Hasbro Children’s Hospital. 2002
- 7) **“Introduction to Mock Codes”**, Pediatric Noon Conference
Hasbro Children's Hospital. 2002
- 8) **“Neutropenia and Fever”, Mock Code.** Emergency Medicine Resident Conference, Rhode Island Hospital. 2002
- 9) **“Prehospital Care for Pediatric Patients”**
Lecture for firefighters and EMT’s in training. 2002
- 10) **CPC “17 year old with Rash, Fever & Pharyngitis (Stevens-Johnson Syndrome)”** Emergency Medicine Resident Conference
Rhode Island Hospital. 2003
- 11) **“Hydrocarbon ingestion in a toddler”** Emergency Medicine Resident Conference, Rhode Island Hospital, 2003
- 12) **“Altered Level of Consciousness”**, Pediatric Noon Conference
Hasbro Children’s Hospital 2005
- 13) **“Medical Simulation: A New Paradigm in Medical Education”**
Neonatology Grand Rounds at Women and Infants, Providence, RI
10/2005
- 14) **“From Pools to Floods, Management of Drowning and Hypothermia”**
Kiwani's Pediatric Trauma Conference, Providence, RI 11/2005
- 15) **“Pediatric Emergencies for Pre-hospital Providers, simulation enhanced teaching session”**, Rescue Rounds, Providence, RI 3/2006
- 16) **“Stimulating Simulation, an Overview of High-Fidelity Medical**

- Simulation and a miniworkshop”**
Ambulatory Pediatric Association Meeting, Sturbridge, MA 4/2007
- 17) **“Overview of the Simulation Experience”** *helped to organize day and gave presentation for this regional workshop.* Laerdal Simulation User Network Workshop, Providence, RI 4/2008
- 18) **“Overview of Medical Simulation, What it is and How to Use It”** *presented to the faculty of Boston College School of Nursing, Boston, MA* 10/2008
- 19) **“Opportunities for Advanced Medical Education and Simulation in Rhode Island and Beyond”** *presented at Rhode Island Hospital Founders Day.* Providence, RI 10/2008
- 20) **“The Pediatric Simulation Baby, Priceless”** *Presented at 2nd annual Pediatric Emergency Medicine Symposium, Innovations, also assisted with simulation workshop,* New York Hospital Queens 11/2008
- 21) **“Pediatric Case Conference”**, Emergency Medicine Resident Conference 1/ 2009
- 22) **“Difficult Conversations in the ED”**, Emergency Medicine Resident Conference 1/2009
- 23) **“Pediatric Medical Simulation: A New way of Training and a New way of Learning”** Grand Rounds, NYU Dept of Pediatrics NYU 4/2009
- 24) **“Managing Pediatric Seizures in your ED”** Annual meeting, Rhode Island American College of Emergency Physicians, Narragansett, RI 6/2009
- 25) **“Managing Pediatric Seizures”**, Pediatric Noon Conference Hasbro Children’s Hospital 7/ 2009
- 26) **“Pediatric Seizures, management in the pre-hospital setting”** invited as a speaker for the Emergency Medical Services for Children (EMS-c). Audience pre-hospital personnel and school nurses. Providence, RI 3/2010
- 27) **“Office Preparedness course for Pediatricians, an on site simulation enhanced workshop”** instructor and assisted in development of new and innovative course testing staff knowledge and skills in addition to office environment and emergency systems. East Greenwich, RI 9/2010
- 28) **“From Pools to Ponds, the management of pediatric drowning and hypothermic drowning”**, Pediatric Noon Conference Hasbro Children’s Hospital 10/2010
- 29) **“The Basics of Team Training, lecture and simulation enhanced session”** invited as a speaker and a simulation facilitator for the PEM fellows BASE Camp, 2010, day 1

- Bellevue Hospital, NYC, NY 10/2010
- 30) **“Trauma management, mastering the procedures and practicing through a simulated mass casualty event”** Invited as faculty and a simulation facilitator for the PEM fellows BASE Camp, 2010, day 2
 NYU, NYC, NY 10/2010
- 31) **“The Hot Seat, and expert panel review of clinical topics”** EM Resident Conference
 Providence, RI 1/2011
- 32) **“The Current State of Simulation Based Education and Research at RIHMSC”** invited as speak to review medical simulation and the current programs at RIHMSC at NE Regional EMS Expo.
 Warwick, RI 4/2011
- 33) **“Pediatric Seizures: a case conference”** Emergency Medicine Resident Conference 4/2011
- 34) **“Wilderness Medicine Elective, Alpert Medical School of Brown University, guest speaker”** orchestrated and debriefed a pediatric simulation of a cold water drowning.
 Providence, RI 4/2011
- 35) **“From Manikin to Bedside: Clinical Skills Update for the Practicing Emergency Physician”** lead a skill station and orchestrated pediatric simulations for this hands on workshop designed for community based emergency physicians.
 Providence, RI 7/2011
- 36) **Morning report, Pediatric Mock Codes**, Status Asthmaticus and Anaphylaxis. Ran two simulated Codes for Peds residents.
 Providence, RI 9/2011
- 37) **Emergency Medicine Simulation Conference**, assisted in development and running of pediatric simulation cases for EM resident Simulation Conference.
 10 mo lethargy/hypoglycemia, 3 mo bronchiolitis, 10 mo intussusceptions, 1 yo hypothermic drowning, 2 yo lethargy/myocarditis, 5 yo CP and pneumonia, 18 month PEA Arrest/Child Abuse
 Providence, RI 2010-2011
- 38) **EM Resident Conference, EBM review of Article on Bronchiolitis and High Flow Oxygen Therapy.**
 Providence, RI 1/2012
- 39) **“The Basics of Team Training, lecture and simulation enhanced session”** invited as a speaker and a simulation facilitator for the PEM fellows BASE Camp, 2012, day 1
 Presbyterian Hosp, NYC, NY 2/2012

- 40) **“Trauma management, mastering the procedures and practicing through a simulated mass casualty event”** Invited as faculty and a simulation facilitator for the PEM fellows BASE Camp, 2012, day 2
Presbyterian Hosp, NYC, NY 2/2012
- 41) **“Airway and Code Team Leadership Workshop for Hospitalists”**
assisted in the development and implementation of this simulation enhanced workshop for regional hospitalist.
Providence, RI 3/2012
- 42) **“Simulation Academics and Research”** Assisted in resident conference lecture reviewing current simulation center academics and opportunities for research. Dept EM Resident Conference.
Providence, RI 3/2012
- 43) **“Pediatric Airway and Respiratory Management”** Invited as a speaker to review these topics for paramedic students.
Providence RI 3/2012
- 44) **“Development of a Simulation (SIM)-Enhanced Multidisciplinary Teamwork Training (TT) Program in a Pediatric Emergency Department”**, a lightning oral presentation, SAEM NE regional meeting
Springfield, MA 3/2012
- 45) **Brown Faculty Development Workshop.** Invited as a guest speaker to discuss strategies on getting promoted in the Teaching Scholar Track.
Providence, RI 4/2012
- 46) **“If I Only Knew Then....”** Guest speaker at regional Simulation Users Network Conference.
Foxwoods, CT 4/2012
- 47) **Emergency Medicine Simulation Conference**, assisted in development and running of pediatric simulation cases for EM resident Simulation Conference.
Providence, RI 2011-2012
- 48) **“Simulation, It is a Team Sport”**, Guest speaker at the Dr. Meyer Saklad Memorial Respiratory Care Symposium.
Providence, RI 6/2012
- 49) **Emergency Medicine Simulation Conference**, assisted in development and running of pediatric simulation cases for EM resident Simulation Conference.
Providence, RI 2012-2013
- 50) **“A Pediatric Simulation Workshop for Medical Students”** Assisted in development and running a hands on workshop for medical students.
SAEM regional Conference
Providence, RI 4/2013

- 51) **“C-spine and TBI management in pediatric patients”** A session designed for the PEM fellows covering the basic approach to these patients.
Providence, RI 7/2013
- 52) **Emergency Medicine Simulation Conference**, assisted in development and running of all pediatric simulation cases for EM resident Sim Conference.
Providence, RI 2013-2014
- 53) **“Pedi Cases For EM Conference, Drooling Toddler, a case of Retropharyngeal Abscess”** led a small group discuss of this pediatric case.
Providence, RI 9/2013
- 54) **“Trauma management, mastering the procedures and practicing through a simulated mass casualty event”** Invited as faculty and a simulation facilitator for the PEM fellows BASE Camp IV, 2013, day 2
Presbyterian Hosp, NYC, NY 10/2013
- 55) **Brown Faculty Development Series: “Simulation as a Teaching Tool: Tips for Incorporating Simulation into Clinical Settings”** Co-developer and faculty for this workshop designed to discuss simulation and assist faculty with incorporating simulation into their teaching repertoire.
Providence, RI 9/2014
- 56) **RI ACEP Educational Workshop: “Learning Tricks of the Trade for Managing Kids in your ED: A Pediatric Simulation-Enhanced Workshop”**
Course Director and Co-developer for this educational session designed for attending level Emergency Physicians regarding caring for pediatric patients in the ED setting.
Providence, RI 11/2014
- 57) **Clinical Correlation Case Conference for PEM Fellows. “Blunt abdominal trauma, screening labs and a year in review”**. Reviewed a sampling of 50 patients and developed a summary of these pediatric patients cared for in the HCH ED, specifically the evaluation process, lab values, injuries found, management and disposition.
Providence, RI 11/2014
- 58) **Emergency Medicine Simulation Conference**, assisted in development and running of all pediatric simulation cases for EM resident Sim Conference.
Providence, RI 2014-2015
- 59) **Pediatric Emergency Medicine Simulation Conference Series** (For Kent EM Residency Program. Developed and direct this new quarterly simulation conference to teach resuscitation of pediatric patients in the ED setting.
Providence, RI 8/2015-present
- 60) **Clinical Correlation Case Conference for PEM Fellows. “Pediatric Sedation, differences in practice among Hasbro ED Providers compared**

- to current recommendations**". Reviewed and summarized sampling of 6 months of sedations performed in the HCH ED, specifically medication selection, dosages, complications, adverse events and provider.
Providence, RI 10/2015
- 61) **Collaborative Care Educational Series** for Hasbro Children's Hospital ED Staff. Topic Pediatric Trauma. Assisted in planning of conference and also was an invited speaker, "**Pediatric Trauma, The First 5 Minutes**".
Providence, RI 1/2016
- 62) **Clinical Correlation Case Conference for PEM Fellows. "Pediatric blunt trauma and evaluation, including utilization of imaging and laboratory studies"**, differences in practice among Hasbro ED Providers compared to current recommendations. Reviewed and summarized sampling of 3 months in the HCH ED.
Providence, RI 11/2016
- 63) **Collaborative Care Educational Series** for Hasbro Children's Hospital ED Staff. Topic Pediatric Sedation. Assisted in planning of conference and also was an invited speaker, "**Pediatric Sedation, differences in practice among Hasbro ED Providers**".
Providence, RI 11/2016
- 64) **Core Curriculum Conference PEM Fellows:** Lead a group discussion and review of Ocular Trauma for PEM fellows.
Providence, RI 9/2017
- 65) **Clinical Correlation Case Conference for PEM Fellows. "Utilization of Chest CT and Pan Scans in Pediatric Trauma"**, differences in practice among Hasbro ED Providers compared to current recommendations. Reviewed and summarized 24 months of Chest CT utilization in the HCH ED.
Providence, RI 5/2018
- 66) **"BASE CAMP IX: Interprofessional Pediatric Emergency Medicine Training Conference"** Invited as faculty for junior faculty mentoring program, simulation instructor for team training, difficult airway, trauma and disaster simulations. I was also faculty for procedural workshops teaching surgical airways and cadaver lab.
Cornell Med School, Presbyterian Hosp, NYC, NY 11/2018
- 67) **Clinical Correlation Case Conference for PEM Fellows. "Treatment of suspected increased ICP in the ED, mannitol, 3% Saline, 23% Saline"**, differences in practice among Hasbro ED Providers compared to current recommendations. Reviewed and summarized 24 months of head injury patients and treatment in the HCH ED.
Providence, RI 2/2019
- 68) **Core Curriculum Conference PEM Fellows:** Lead a group discussion and review of Penetrating Chest Trauma for PEM fellows.
Providence, RI 3/2019

- 69) **Core Curriculum Conference PEM Fellows:** Lead a group discussion and review of both Blunt Chest Trauma for PEM fellows.
Providence, RI 11/2019
- 70) **“BASE CAMP X: Interprofessional Pediatric Emergency Medicine Training Conference”** Invited as faculty for junior faculty mentoring program, simulation instructor for team training, difficult airway, trauma and disaster simulations. I was also faculty for procedural workshops teaching surgical airways and cadaver lab.
Cornell Med School, Presbyterian Hosp, NYC, NY 11/2019
- 71) **Pediatric Drowning Simulation Case, Brown EM Residency. Facilitated and debriefed a PALS case for resident conference**
Providence, RI 12/2019
- 72) **Alpert Medical School: Med student Leadership Academy Session: Teamwork and Leadership Skills in a Medical Crisis.** A Simulation Enhanced Educational Session. Assisted in development and implementation of a session working with medical students to discuss and practice leadership skills in a medical code situation.
Providence, RI 2016, 2017,
11/2018, 12/2019
- 73) **Teaching, Learning and Performing High Quality CPR, Integrating New Technology and New Practices**
PEM Northeast Regional Fellows Conference.
Providence, RI 3/2020
- 74) **PALS instructor** for Brown EM Interns. Facilitated and Debriefed Simulation cases for PALS.
Providence, RI 6/2021
- 75) **Abdominal Emergencies:** lecture for PEMPEDs on pediatric abdominal emergencies, presentation, diagnosis and management.
Providence, RI 10/2018, 4/2022
- 76) **Seizures and Neurologic Emergencies: lecture for PEMPEDs on pediatric seizure and neuro emergencies,** presentation, diagnosis and management.
Providence, RI 2/2020, 4/2022
- 77) **Core Curriculum Conference PEM Fellows:** Lead a group discussion and review of Syncope for PEM fellows.
Providence, RI 4/2022
- 78) **“Wilderness Medicine Elective, Alpert Medical School of Brown University, guest speaker”** orchestrated and debriefed a pediatric simulation of a cold water drowning.
Providence, RI 4/2013, 4/2014, 4/2015, 4/2016, 4/2017, 4/2018,
5/2021, 4/2022, 5/2023

- 79) Pediatric Emergencies Simulation Session: Helped facilitate and Debrief pediatric simulations for Kent EM residency program
Providence, RI 5/2022
- 80) Pediatric Basic Airway Skills Station/assessment: reviewed and assessed PEMPEDs basic airway skills prior to starting to perform sedations in the HCH ED
Providence, RI 8/2022
- 81) Pediatric Airway Course: Ran an airway station and also helped facilitate and debrief pediatric airway sedations for pediatric and EM residents
Providence, RI 9/2022
- 82) **Brown University Masters in Health Leadership Program: Teamwork and Leadership Skills in a Medical Crisis.** A Simulation Enhanced Educational Session. Assisted in a session working with this group to discuss and practice leadership skills, using medical situations as a platform to review these skills.
Providence, RI 9/2023

GRANTS:

- 1) SP0700-00-3180/DO 0122/TAT128 (Suner / multi-PI project)
U.S. Office of Naval Research (ONR)
The Rhode Island Disaster Initiative (RIDI): Phase III
The purpose of this project was to disseminate novel disaster response paradigms to responder communities.
\$1,200,000
Role: Investigator 1/2003-3/2005
- 2) Rhode Island Disaster Initiative – Phase II. Health and Human Services, Office of Emergency Preparedness. Through Chemical and Biological Defense Information Analysis Center (CBIAC) Task #128; PO#171284.
\$1,500,000.
Role: Investigator 8/2004-8/2005
- 3) Pediatric Acute Airway Management and Teamwork Training, Using High Fidelity Medical Simulation. Rhode Island Sound Enterprise.
\$40,000.
Role: Co-PI 8/2004-8/2005
- 4) Subcontract # RCMST-RIH-05-001 (Williams)
Subcontract through Dynamics Research Corporations
“Reserve Component Medical Skills Readiness Training Program”
The project debriefs returning military medical personnel and designs simulation-based training for personnel about to deploy, acting as a current knowledge link as military medical teams rotate into active operations.
\$1,200,000
Role: Investigator 8/2005-7/2006

- 5) Integration of a Multidisciplinary Teamwork Training Program into the Pediatric Intensive Care Unit. Rhode Island Sound Enterprise.
\$43,500.
Role: Investigator 8/2005-12/200
- 6) Integration of a Multidisciplinary Teamwork Training Program into the Pediatric Emergency Department. Lifespan Risk Management Foundation.
\$58,000.
Role: Investigator 10/2009-2018
- 7) Small Victims, Big Challenges: Refining Pediatric Disaster Triage Education and Assessing Triage Algorithms in the Prehospital Setting. HRSA/EMS-c.
\$900,000
Role: Site PI 10/2010-10/2012
- 8) Assessing and Improving the Quality of Cardiopulmonary Resuscitation (CPR) Delivered During Pediatric Cardiac Arrest Using a Novel Pediatric CPR Feedback Device. This three-year multi-center international simulation-based study is funded through the Heart and Stroke Foundation of Canada.
\$446,834
Role: Investigator 11/2010-2016
- 9) Improving pediatric resuscitation: a Simulation Program for the Community ED, This three year study aims to assess the ability of high-fidelity in situ medical simulation to improve the resuscitation of pediatric patients in community emergency departments. Funded through AHRQ.
R18 HS20286.
\$948,193
Role: Investigator 4/2011-2015
- 10) Assessment and Educational Intervention for Hospital Code Teams: A NESERC Multicenter Simulation Based Study, This multicenter study aims to assess baseline performance of code team members' ability to perform CPR and the effect of a simulation enhanced educational intervention. This project is supported with funds from The Zoll Corporation
\$100,000.
Role: Site PI 1-2016-2021
- 11) GI Biofires Study: Industry sponsored study looking at testing for GI pathogens through rectal swab.
Role: Investigator 6/2019-2021

TEACHING ROLES:

UNIVERSITY TEACHING ROLES

Doctoring, clinical correlation session. BI #360 and #361

Simulation enhanced sessions to teach correlation between Basic physiology and clinical scenarios. 2005-2007

Pediatric Emergency Medicine Elective #565

An elective for third and fourth year medical students. Simulation sessions for participants taking the elective to offer the opportunity to manage several cases of acutely ill pediatric patients. They also get teaching in basic airway management at the RIHMSC. 2005-2007

Medical Simulation Fellowship

2008-2014

Helped to run non-ACGME medical simulation fellowship designed to provide training in sophisticated, validated and innovative simulation, foster a knowledgeable simulation expert, and encourage the development of a healthcare education researcher.

- Dr. Fang Yuan (Franklin) Wei (Chinese emergency physician visiting US for one-year observational Emergency Medicine fellowship, 2008)
- Dr. Anita Kestin (combined Lifespan Patient Safety + Medical simulation fellow, 2008-2010)
- Dr. Rakan Al Rasheed (one year medical simulation fellowship, 2011-2012)
- Dr. Catherine Pettit (one year medical simulation fellowship, 2012-2013)
- Dr. Yassir Alaska (one year medical simulation fellowship, 2013-2014)
- Dr. Jessica Schoen (one year medical simulation fellowship, 2014-2015)

Teaching faculty for Simulation Fellowship

- Dr. Antoinette Golden (one year medical simulation fellowship, 2015-2016)
- Dr. Manal Halwani (one year medical simulation fellowship, 2016-2017)

Medical Simulation Elective

Co-director of simulation elective offered to residents to learn more about the basics behind developing and orchestrating simulation enhanced educational sessions. 2006 – 2016

Wilderness and Emergency Medicine Course, BI #5660

Ran a pediatric cold water drowning case and debriefing for this course 5/2011, 4/2012, 4/2013, 5/2014, 5/2015, 4/2016, 5/2017, 5/2018, 5,2019

Doctoring Mentor

Weekly mentoring sessions with a first year medical student working on history taking and physical examination skills 9/2011 to 6/2012

HOSPITAL TEACHING ROLES

Pediatric SIMS (Simulation Interactive Medical Seminar) for Office Emergencies. A medical simulation enhanced course designed to train community doctors how to manage an acutely ill child in their office while awaiting rescue to transport the child.

Co-Director, 4/2005, 11/2005, 12/2006, 5/2007, 3/2008, 12/2009
Instructor, 5/2010, 5/2011, 5/2012

Pediatric SIMS (Simulation Interactive Medical Seminar) for Emergency Physicians. A medical simulation enhanced course designed to improve emergency physicians' ability to manage pediatric emergencies.

Director, 5/2006, 5/2007, 5/2008, 12/2008, 5/2009, 12/2009, 5/2010, 11/2010, 5/2011, 6/2012

“A SIM day in the life of an Emergency Physician” a simulation experience for up to 400 students annually from the National Youth Leadership Forum and Care New England's Pathways to Success programs designed to offer insight into the field of high fidelity medical simulation and the practice of emergency medicine.

Creator and Director. 2007-2015

Simulation Enhanced Neonatal Resuscitation Program (NRP)

A combined teaching and research project using a modified infant simulator teach NRP curriculum for pediatric and family medicine residents.

Co-creator and instructor 2007-2011

Pediatric Acute Care, Airway Management, Teamwork Training and Communication Skills (A simulation enhanced curriculum) to improve the quality and safety of care provided to critically ill children at Hasbro Children's Hospital by training pediatric residents to provide skilled airway and crisis management during any acute care situation.

Creator and Co-Director 2004-9/2009

Instructor 10/2009-2012

Director(Interim) 2013-2016

Pediatric Acute care and airway management for PEM fellows and EM residents. Responsible for developing curriculum, designing and implementing simulation enhanced curriculum for the PEM fellows and the pediatric component of the EM residency curriculum.

Director 2003-2016

Simulation Enhanced Advanced Pediatric Life Support (APLS)

Teaching participants the curriculum outlined in the APLS course with the assistance of scenarios using high fidelity medical simulation.

Director of Simulation enhanced Curriculum 2005-2006

Simulation Enhanced Pediatric Advanced Life Support (PALS)

Teaching participants the curriculum outlined in the PALS course with the assistance of scenarios using high fidelity medical simulation.

Director of Simulation enhanced Curriculum 2005-2009

Medical Simulation Elective for PEM fellows and EM residents,

Teaching the fellows and residents how to use simulation as a teaching tool for medical education.

Co-Director 2005-2016

Medical Simulation Overview

Rhode Island Hospital Medical Simulation Center, give presentations to a variety of non-medical individuals about medical simulation and how it is used. 2005-present

MedTeams and TeamSTEPPS use these two curricula to teach proven teamwork skills and strategies to improve team performance and reduce medical errors.

Instructor 2005-present

Simulation-based training for emergency preparedness (STEP) Sponsored by the Rhode Island Department of Health through funding from Health Resources and Services Administration (HRSA). A course for hospital-based health care providers from all Rhode Island Hospitals to be prepared for weapons of mass destruction.

Instructor 2003-2005

MedTeams training of Women and Infants LDR teams

A simulation enhanced course designed to train the multi disciplinary teams that work on the labor and delivery floors at Women and Infants hospital. The goal of the course is to train attending level ob/gyn, anesthesia, nurses, anesthesia nurses, secretaries and residents, proven teamwork skills to create a safer patient care environment.

Creator and Director of simulation enhanced program. 2007-2008

Instructor 2008-present

MedTeams training of Kent ED teams

A simulation enhanced course designed to train the multi disciplinary teams that work in the emergency department of Kent Hospital. The goal of the course is to train attendings, nurses, secretaries and other medical staff teamwork skills to create a safer patient care environment.

Co-creator and instructor 2007-present

Train the Trainer a course created to train individuals to become RIHMSC facilitators. After completing this course, participants have the foundation to move forward and begin creating scenarios, programming scenarios and running/debriefing simulations.

Co-Director 2006-present

Simulation Enhanced Workshop for Critical Care Transport

A simulation enhanced course designed to provide an activated learning experience for pre-hospital personnel working as a critical care transport service.

Co-creator and instructor 5/2009

Simulation Enhanced Workshop for Pediatric Sedation

Designed to provide a consistent educational experience to residents who work in the ED setting where pediatric procedural sedation is administered.

Instructor 2009-present

Simulation Enhanced Workshop for Code Team Leadership and Airway Skills. Helped to design and run a course designed for hospitalist from the community, providing them didactics and practice managing airways and leading a code.

Co-creator and instructor

2012-present

“Office Emergencies for Oral Surgeons, A simulation enhanced workshop”. A simulation workshop for oral surgeons, focused on managing 10 different office based emergencies ranging from anaphylaxis to full cardiac arrest.

Director and Co-creator

2/2014

5/2014

10/2016

10/2018

“Mock Mock Codes” A course designed to teach instructors how to use simulation to run and debrief in situ simulation for code team training and assessment of the code response system.

Instructor and Co-creator

11/2013

12/2013

6/2014

6/2015

8/2016

8/2017

PEDI STARS (Simulation Training Around Resuscitation) Program

CPR Challenge & Monthly in-situ simulations in the HCH ED. Developed and orchestrated a training program run in the HCH ED to allow multidisciplinary team to practice caring for acutely ill and injured patients while also assess for any systems issues.

2014-present

Pediatric Airway Curriculum and Assessment Program. Helped to design and run a new mandatory airway curriculum for residents rotating through the HCH ED who might be asked to manage an emergent pediatric airway.

2016-present

PEDI STARS Trauma (Simulation Training Around Resuscitation) Program

Collaborating with Pediatric Surgery to start pediatric trauma simulation program.

2017-present

PEM Faculty Education Program

Developed a program to offer PEM faculty the opportunity to practice life saving procedures (Intubation with direct and video assisted laryngoscopy, EZ IO insertion, defibrillator operation, Code management skills). One hour sessions offered before PEM fellow sim sessions.

2017-present

TEACHING & RESEARCH SETTINGS

Radiology Rounds Coordinator for weekly conference

Department of Pediatric Emergency Medicine,
Hasbro Children's Hospital, Providence, RI.

2001-2002

Fellow/ Resident / Medical Student Preceptor

Department of Pediatric Emergency Medicine,
Hasbro Children's Hospital, Providence, RI.

2001-present

Rhode Island Hospital Medical Simulation Center

Course director and instructor for multiple programs using simulation enhanced educational sessions to teach a variety of learners.
Providence, RI

2003-present

ENGINEERING EXPERIENCE:

Engineering Senior Design Project: Bucknell University (Fall 1990- Spring 1991). *Planned and implemented a design for a control system to be used in an implantable defibrillator.*

Engineering Intern: Allegheny Power Systems, Greensburg, PA (Summer 1990). *Worked in the Power Engineering Department on multiple engineering projects, ranging from creating budgets to field engineering.*