

**CURRICULUM VITAE  
MARK ROBERT ZONFRILLO**

**BUSINESS ADDRESS**

Department of Emergency Medicine  
Alpert Medical School of Brown University  
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**EDUCATION**

Undergraduate	Brown University, Behavioral Neuroscience, ScB, 1995-1999 Program in Liberal Medical Education (PLME)
Medical School	Warren Alpert Medical School, Brown University, MD, 1999-2003
Graduate School	Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania, Clinical Epidemiology, MSCE, 2008-2010

**POSTGRADUATE TRAINING**

Residency	Yale-New Haven Children's Hospital 20 York Street, New Haven, CT 06510 Pediatrics, 2003-2006
Chief Residency	Yale-New Haven Children's Hospital 20 York Street, New Haven, CT 06510 Pediatrics, 2006-2007
Fellowship	The Children's Hospital of Philadelphia 3400 Civic Center Boulevard, Philadelphia, PA 19104 Pediatric Emergency Medicine, 2007-2010

**POSTGRADUATE HONORS AND AWARDS**

American Academy of Pediatrics Resident Research and Travel Grant, 2006

Best Trainee Abstract, American Academy of Pediatrics National Conference and Exhibition- Section on Injury, Violence & Poison Prevention, 2009

Eastern Society for Pediatric Research Travel Award, 2010

Pediatric Academic Societies Young Investigator's Travel Award, 2010

Thomas B. and Jeannette E. Laws McCabe Pilot Fund Award, 2011

National Institutes of Health Loan Repayment Program Award Recipient, 2011-2018

Academic Pediatric Association Young Investigator's Award, 2011

Best Research Presenter, National Science Foundation Center for Child Injury Prevention Studies Annual Spring Meeting, 2013

Elected Member, Society for Pediatric Research, 2015

Top New Peer Reviewer for *Annals of Emergency Medicine*, 2016

Innovation Award, American Academy of Pediatrics Annual Leadership Forum, 2017

Excellence in Clinical Teaching, University Emergency Medicine Foundation, Department of Emergency Medicine, Alpert Medical School of Brown University, 2017

Elaine Wodzin Investigator Award, Association for the Advancement of Automotive Medicine, 2017

Clinical Director's Award, Brown Emergency Medicine, Department of Emergency Medicine, Alpert Medical School of Brown University, 2018

Technology Award, Brown Emergency Medicine, Department of Emergency Medicine, Alpert Medical School of Brown University, 2019

Jim Linakis Outstanding Pediatric Emergency Medicine Research Mentor Award., Brown Emergency Medicine, Department of Emergency Medicine, Alpert Medical School of Brown University, 2020

Elected Member, American Pediatric Society, 2022

Jim Linakis Outstanding Pediatric Emergency Medicine Research Mentor Award., Brown Emergency Medicine, Department of Emergency Medicine, Alpert Medical School of Brown University, 2023

## **MILITARY SERVICE**

None

## **PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

American Board of Pediatrics – Pediatrics, 2006, 2016

American Board of Pediatrics - Pediatric Emergency Medicine, 2011

Epic Physician Builder Certification, 2016

Association for the Advancement in Automotive Medicine –  
Board Certification in Abbreviated Injury Scale (AIS) Coding, 2012-present

State of Connecticut Medical License, 2006-2007  
State of Pennsylvania Medical License, 2007-2015  
State of Rhode Island Medical License, 2015-present

### **PROFESSIONAL DEVELOPMENT TRAINING**

Perelman School of Medicine at the University of Pennsylvania Mentor Training Program, 2013  
Brown University Clinical and Translational Research (CTR) Mentoring Training Program, 2018  
Brown Physicians, Inc./Bryant University Executive Development Center Leadership Academy, 2019

### **ACADEMIC APPOINTMENTS**

Clinical Instructor, Department of Pediatrics  
Perelman School of Medicine, University of Pennsylvania  
July 2008 - June 2010

Assistant Professor, Department of Pediatrics  
Perelman School of Medicine, University of Pennsylvania  
July 2010 – July 2015

Assistant Professor, Departments of Emergency Medicine and Pediatrics  
Alpert Medical School of Brown University  
August 2015 - June 2016

Associate Professor, Departments of Emergency Medicine and Pediatrics  
Alpert Medical School of Brown University  
July 2016 – June 2022

Professor, Departments of Emergency Medicine and Pediatrics  
Alpert Medical School of Brown University  
July 2022- Present

### **HOSPITAL APPOINTMENTS**

Attending Physician, Department of Pediatrics  
Yale-New Haven Children's Hospital  
2006-2007

Attending Physician, Department of Pediatrics  
Hospital of Saint Raphael  
2006-2007

Attending Physician, Department of Pediatrics  
Abington Memorial Hospital  
2007-2011

Attending Physician, Division of Emergency Medicine  
Children's Hospital of Philadelphia  
2009-2015

Attending Physician, Department of Emergency Medicine  
Hasbro Children's Hospital  
2015-present

Director of Informatics, Department of Emergency Medicine  
2017-2020

### **OTHER APPOINTMENTS**

Associate Director of Research, Division of Emergency Medicine  
Children's Hospital of Philadelphia  
2013 - 2015

Associate Scholar, Center for Clinical Epidemiology and Biostatistics  
University of Pennsylvania School of Medicine  
2010 – 2015

Associate Fellow, Center for Injury Research and Prevention  
Children's Hospital of Philadelphia  
2016 – present

National Research Mentoring Network Certified Facilitator, Brown Advance- CTR  
National Research Mentoring Network  
2022 – present

Grant Reviewer:

- ☐ National Institutes of Health (NIH), Early Career Reviewer (ECR) Program, Center for Scientific Review (CSR), 2014-2017
- ☐ National Institutes of Health (NIH), Scientific Review Group, Small Business: Neuro/Psychopathology, Lifespan Development, and STEM Education Special Emphasis Panel (ZRG1 RPHB-Y-12), Washington, DC, Nov 2017
- ☐ NIH Scientific Review Group, Small Business: Neuro/Psychopathology, Lifespan Development, and STEM Education SEP (RPHB 12), St Louis, MO, Jun 2018

- National Institutes of Health (NIH), Scientific Review Group, Small Business: Neuro/Psychopathology, Lifespan Development, and STEM Education Special Emphasis Panel (RPHB-Y-12), Arlington, VA, Nov 2018
- National Institutes of Health (NIH), Scientific Review Group, Small Business: Psycho-Neuropathology Lifespan Development, STEM Education SEP (ZRG1 RPHB-Y-90-S), Bethesda, MD, (Teleconference), Mar 2019
- Bloomberg American Health Initiative, Johns Hopkins Bloomberg School of Public Health, Grant Reviewer, Jun 2021

#### Editorial Positions:

- Editorial Board, Pediatric Emergency Care, Williams and Wilkins, Baltimore, MD, 2017-Present
- Associate Editor, Academic Emergency Medicine, Wiley-Blackwell, Hoboken, NJ, 2015-Present
- Associate Editor of Trauma, PEMSoft, The Pediatric Emergency Medicine Software, Pty Ltd, 2012-2016

#### Ad hoc manuscript reviewer (average of 12 reviews yearly):

- Pediatric Emergency Care, Williams and Wilkins, Baltimore, MD, 2007-Present
- Academic Emergency Medicine, Wiley-Blackwell, Hoboken, NJ, 2009-Present
- Academic Pediatrics, Elsevier, New York, NY, 2008-Present
- Pediatrics in Review, American Academy of Pediatrics, Chicago, IL, 2008-Present
- Pediatrics, American Academy of Pediatrics, Chicago, IL, 2010-Present
- The Journal of Pediatrics, Elsevier, New York, NY, 2010-Present
- JAMA Pediatrics, American Medical Association, Chicago, IL, 2011-Present
- Traffic Injury Prevention, Taylor & Francis, Philadelphia, PA, 2011-Present
- American Journal of Preventive Medicine, Elsevier, Philadelphia, PA, 2012-Present
- Injury Prevention, BMJ Journals, London, UK, 2012-Present
- Accident Analysis & Prevention, Elsevier, Philadelphia, PA, 2013-Present
- The Lancet, Elsevier, London, UK, 2014-Present
- Public Health, Elsevier, London, UK, 2014-Present
- Clinical Epidemiology, Auckland, New Zealand, 2014-Present
- Journal of the American College of Surgeons, Elsevier, New York, NY, 2014-Present
- Annals of Emergency Medicine, American College of Emergency Physicians, Irving, TX, 2014-Present
- The Australian and New Zealand Journal of Public Health, Public Health Association of Australia, North Melbourne, Australia, 2014-Present
- Journal of Neurotrauma, Mary Ann Libent, Inc., New Rochelle, New York, 2015-Present
- International Journal of Injury Control and Safety Promotion, Taylor and Francis, Oxon, England, 2015-Present
- PLOS ONE, Public Library of Science, San Francisco, CA, 2016-Present
- Emergency Medicine Journal, BMJ Journals, London, UK, 2017-Present
- Journal of Forensic and Legal Medicine Reviewer, Elsevier, London, UK, 2018-Present
- Clinical Therapeutics, Elsevier, New York, NY, 2019-Present

#### Abstract reviewer:

- American Academy of Pediatrics (AAP) Emergency Medicine Abstracts, AAP National Conference and Exhibition, 2012
- Pediatric Academic Societies' Injury Prevention Abstracts, Pediatric Academic Societies' Annual Meeting, 2012, 2013, 2015, 2016
- American Academy of Pediatrics (AAP) Council on Injury, Violence, and Poison Prevention Abstracts, AAP National Conference and Exhibition, 2015, 2016, 2017, 2018, 2019
- Society for Advancement of Violence and Injury Research (SAVIR) Abstracts, National Conference, 2017, 2019
- Injury Free Coalition for Kids National Conference, 2020

### **ORGANIZING ROLES IN SCIENTIFIC MEETINGS**

#### Moderator

- “Advancing Young Driver Safety: The perceptions and experiences of teen drivers,” Pennsylvania Chapter American Academy of Pediatrics Teleconference, Feb 2010
- “Booster Seats: Evidence Behind Best Practice Recommendations,” Pennsylvania Chapter American Academy of Pediatrics Teleconference, Feb 2011
- Injury Prevention Platform Session, Pediatric Academic Societies' Annual Meeting, Apr 2012
- “Pennsylvania's Graduated Driver License Law - Assessing Readiness to Drive,” Pennsylvania Chapter American Academy of Pediatrics Teleconference, Apr 2012
- “Child restraint misuse,” Pennsylvania Chapter American Academy of Pediatrics Teleconference, Feb 2013

#### Planning Committee

- “Pediatric Concussion Management Training” Continuing Medical Education Series, Children's Hospital of Philadelphia Pediatric and Adolescent Care Practices, Jul 2012
- “Diagnosis and management of concussion: Acute and specialized therapy across the spectrum” Continuing Medical Education Conference, Children's Hospital of Philadelphia, Philadelphia, PA, Apr 2014
- “Diagnosis and Management of Child and Adolescent Concussion: A Primer for Primary Care Providers and Educators” Continuing Medical Education Conference, Children's Hospital of Philadelphia, Apr 2013
- Association for the Advancement of Automotive Medicine, Abbreviated Injury Scale 2020 Revision, Aberdeen Proving Ground, Aberdeen, MD, Apr 2014
- Safe Sports Think Tank 2014, Concussions in youth sports: How do we advance the science of prevention? Safe Kids, Worldwide; Washington, DC, Nov 2014
- Accelerating Change in Medical Education Health Systems Science, Informatics Test Item Writing Workshop, American Medical Association; Chicago, IL, Jul 2016

#### Expert Panel

- Children's Hospital Association - Hospital Based Safety Centers, Data Collection to Improve Interventions, Monroe Carrell Jr. Children's Hospital Children's Hospital at Vanderbilt, Nashville, TN, Mar 2013
- National Pediatric Emergency Medicine Fellows Conference Research Presentations, Philadelphia, PA, Mar 2014

- “Little Ones Live Safely,” *Bundesverband Deutscher Kinderausstattungs-Hersteller*, Munich, Germany, Apr 2014
- Injury Prevention and Safety Representative of Expert Panel, *Parents Magazine*, 2012-2015
- Juvenile Products Manufacturers Association Car Seat and Booster Seat Safety Panel, Washington, DC, 2018
- Expert Advisor, Child Passenger Safety, Safe Kids Worldwide (International), 2018-2021
- Elected Member, Safe Kids Worldwide Equity Advisory Committee (International), 2023-present

## **HOSPITAL COMMITTEES**

### **Hasbro Children’s Hospital/Rhode Island Hospital**

#### Research

- Institutional Review Board (IRB) #1, Lifespan/Rhode Island Hospital, 2015-2017
- Pediatric Research Cabinet, Department of Pediatrics, Hasbro Children’s Hospital, 2015- present
- Scholarship Working Group, Department of Pediatrics, Hasbro Children’s Hospital 2018-2019
- Research Committee, Department of Emergency Medicine, Rhode Island Hospital/Hasbro Children’s Hospital, 2015- present
- Data Safety Monitoring Board (DSMB) member. R01HD099131, Using interactive virtual presence to remotely assist parents with child restraint installations, 9/2019-8/2024, Schwebel (PI), 2019-present

#### Faculty and Trainee Career Development

- Scholarship Oversight Committee, Pediatric Emergency Medicine Fellowship, Department of Emergency Medicine, 2021-present
- Promotions Committee, Department of Emergency Medicine, Rhode Island Hospital/Hasbro Children’s Hospital, 2016- present
- Pediatric Faculty Development Planning Committee, Hasbro Children’s Hospital, 2016-present
- Faculty Development Working Group, Department of Emergency Medicine, 2022-present
- Program in Educational Faculty Development Oversight Committee, Alpert Medical School, 2021-present
- Chair, Fellowship Executive Committee, Department of Pediatrics, Hasbro Children’s Hospital, 2017-2022
- Pediatric Faculty Incentive Task Force, Hasbro Children’s Hospital, 2016-2017
- Mentorship Working Group, Department of Emergency Medicine, Rhode Island Hospital/Hasbro Children’s Hospital, 2019

#### Diversity, Equity, and Inclusion

- Brown Physicians, Inc. (BPI) Diversity, Equity, and Inclusion Committee, 2021-present

#### Administration

- Brown Emergency Medicine Board of Directors, 2023-present
- Fellowship Selection Committee, Division of Pediatric Emergency Medicine, Hasbro Children’s Hospital, 2021-present
- Executive Committee, Department of Emergency Medicine, Rhode Island Hospital/Hasbro Children’s Hospital, 2017- 2020

- Clinical Operations Committee, Department of Emergency Medicine, Rhode Island Hospital/Hasbro Children's Hospital, 2017- 2020
- Brown Emergency Medicine Expense Working Group, 2016-2017
- Brown Emergency Medicine Revenue Working Group, 2017-2018

#### Informatics

- Physician Informatics Council, Lifespan/Rhode Island Hospital, 2015- 2020
- Epic Electronic Health Record Alerts Committee, Lifespan/Rhode Island Hospital, 2016-2020
- Epic Reporting Oversight Committee, Lifespan/Rhode Island Hospital, 2016-2020
- Emergency Digital Health Innovation (eDHI) Program at Brown, 2016-2020
- Joint Order Sets Committee (JOSC), Lifespan/Rhode Island Hospital, 2017-2020
- Epic Secure Chat Committee, Lifespan/Rhode Island Hospital, 2017-2020
- Lifespan Data Governance Committee, Lifespan/Rhode Island Hospital, 2017-2020
- Information Systems Strategy and Planning Committee, Lifespan/Rhode Island Hospital, 2017-2020
- Clinical Information Technology Council, Lifespan/Rhode Island Hospital, 2017
- Informatics Burnout Committee, Lifespan/Rhode Island Hospital, 2018-2020

### **The Children's Hospital of Philadelphia**

#### Research

- Research Subcommittee, Division of Emergency Medicine, The Children's Hospital of Philadelphia, 2008-2015
- IRB Scientific Review Committee, Division of Emergency Medicine, The Children's Hospital of Philadelphia, 2009-2015
- IRB Scientific Review Committee, Center for Injury Research and Prevention, The Children's Hospital of Philadelphia, 2010-2015
- Research Education Programs Advisory Committee (REPAC), Children's Hospital of Philadelphia Research Institute, 2014-2015
- Independent safety monitor for NINR grant R00NR013548, Promoting Teen Health: A Web-based Intervention to Prevent Risky Driving, 7/2014-6/2017, McDonald (PI), 2014-2015
- Leader, Child Road Traffic Safety Research Team, Center for Injury Research and Prevention, The Children's Hospital of Philadelphia, 2010-2015

#### Graduate Medical Education

- Fellowship Selection Committee, Division of Emergency Medicine, The Children's Hospital of Philadelphia, 2013-2015
- Pediatric Surgery Training Program Graduate Medical Education Internal Review Committee, The Children's Hospital of Philadelphia, 2009
- Pediatric Residency Training Program Graduate Medical Education Internal Review Committee, The Children's Hospital of Philadelphia, 2010

#### Clinical

- Leader, Division of Emergency Medicine Acute Head Trauma Clinical Pathway Metrics Committee, 2011-2015
- Division of Emergency Medicine and Department of Anesthesiology and Critical Care Medicine, PICU Pathway for Severe Traumatic Brain Injury (TBI) Clinical Pathway Committee, 2015



- Bedside Care/Communication Committee, Division of Emergency Medicine, The Children's Hospital of Philadelphia, 2008-2015

## **UNIVERSITY COMMITTEES**

### **Alpert Medical School of Brown University**

Advance- Clinical and Translational Research Biostatistics, Epidemiology, and Research Design Core Steering Committee, Alpert Medical School of Brown University, 2019-present

Brown Physicians, Inc. Information Technology Working Group, 2017-2018

Search Committee #FH-1422, Department of Emergency Medicine Faculty, Alpert Medical School of Brown University, 2016-present

Search Committee #FH-1453, Vice Chair for Pediatric Emergency Medicine, Department of Emergency Medicine, Alpert Medical School of Brown University, 2017

Search Committee, Clinical Informatics Tenure Track Faculty, Brown Center for Biomedical Informatics (BCBI), 2016-2017

Search Committee, Clinical Informatics Postdoctoral Research Associate, Brown Center for Biomedical Informatics (BCBI), 2016

Program in Liberal Medical Education (PLME) Summer Research Assistantship (SRA) Review Committee, 2017, 2018, 2019, 2020, 2021

### **Perelman School of Medicine at the University of Pennsylvania**

Faculty Selection Committee, Division of Emergency Medicine, The Children's Hospital of Philadelphia, 2011-2015

## **MEMBERSHIP IN SOCIETIES**

Member, Association for the Advancement of Automotive Medicine (International), 2010-Present

Elected to Board of Directors, 2012-2015, 2015-2018, 2019-present

Elected Member-at-Large, Executive Committee, 2015-2017

Abbreviated Injury Scale Certification Board (AISC.B) (Board Member), 2012-2015, 2015-2018

Member, Abbreviated Injury Scale Content Sub-Committee, 2011-2022

Abbreviated Injury Scale Task Force, 2016-2018

Annual Conference Student Mentoring Program, 2015, 2017

Member, American Academy of Pediatrics (National), 2003-present

Elected to Executive Committee, Council on Injury, Violence, and Poison Prevention, 2014-2017, 2017-2020

Membership Chairperson, Council on Injury, Violence, and Poison Prevention, 2016-2020

Survey reviewer, Section on Emergency Medicine, 2013-2015

AAP Mentorship Program Mentor, 2018-2021

Pennsylvania Chapter of the American Academy of Pediatrics (Regional), 2009-2015  
Elected to Board of Directors, 2013-2015  
Elected Pediatric Advisor, Traffic Injury Prevention Project, 2009-2015

Member, Society for Advancement of Violence and Injury Research (SAVIR) (International), 2014-Present  
Elected to Board of Directors, 2017-2020  
Membership Committee, 2019-2020

The National Academies of Sciences, Engineering, and Medicine, Transportation Research Board  
Committee on Occupant Protection (National), 2014-2017

Pediatric Emergency Care Applied Research Network (PECARN) (National)  
Co-chair, Injury Prevention Interest Group, 2020-present  
Member, Protocol Review and Development Subcommittee (PRADS), 2020-present  
Member, PECARN Registry Concept Development Working Group, 2021-present

#### Other Memberships and Certifications

- Member, Society for Academic Emergency Medicine, 2007-2017
- Member, American College of Emergency Physicians, 2007-2011
- Member, Academic Pediatrics Association, 2007-2012
- Member, American Public Health Association, 2011-2012
- Certification, Pediatric Advanced Life Support, 2003-Present
- Certification, Pediatric Advanced Life Support Instructor, 2009-2011

#### **PUBLICATION LIST**

**H-indices: Web of Science (25), Research Gate (26), Scopus (25), Google Scholar (31), i10 (77)**  
**(note: i10 index is the number of publications with 10 or more citations on Google Scholar)**  
**ORCID: 0000-0002-0610-9563      ResearcherID (Thomson Reuters): H-9403-2017**

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

1. **Zonfrillo MR**, Mello MJ, Palmisciano LM. Usefulness of computerized pediatric motor vehicle safety discharge instructions. Acad Emerg Med 10(10): 1131-3, Oct 2003.
2. **Zonfrillo MR**, Seiden JA, House EM, Shapiro ED, Dubrow R, Baker MD, Spiro DM. The association of overweight and ankle injuries in children. Ambul Pediatr 8(1): 66-9, Jan-Feb 2008.
3. Langan ML, **Zonfrillo MR**, Spiro DM. Quantitative end-tidal carbon dioxide in acute exacerbations of asthma. J Pediatr 152(6): 829-32, Jun 2008.
4. Eppich WJ, **Zonfrillo MR**, Nelson KL, Hunt EA. Residents' mental model of bag-mask ventilation. Pediatr Emerg Care. 26(9): 646-52, Sep 2010.

5. Arbogast KB, Locey CM, **Zonfrillo MR**, Maltese MR. Protection of children restrained in child safety seats in side impact crashes. J Trauma 69(4): 913-23, Oct 2010.
6. **Zonfrillo MR**, Nelson KA, Kallan MJ, Durbin DR. The association of weight percentile and motor vehicle crash injury among 3 to 8 year old children. Ann Adv Automot Med. 54: 193-9, Oct 2010.
7. **Zonfrillo MR**, Nelson KA, Durbin DR. Emergency department physicians' knowledge and provision of child passenger safety information. Acad Emerg Med. 18(2): 145-51, Feb 2011.
8. **Zonfrillo MR**, Elliott MR, Flannagan CA, Durbin DR. Association between weight and risk of crash-related injury for children in child restraints. Pediatrics 128(6): 1148-52, Dec 2011.
9. Arbogast KB, Wozniak S, Locey CM, Maltese MR, **Zonfrillo MR**. Head impact contact points for restrained child occupants. Traffic Inj Prev 13(2): 172-81, Mar 2012.
10. Arbogast KB, Locey CM, **Zonfrillo MR**. Differences in thoracic injury causation patterns between seat belt restrained children and adults. Ann Adv Automot Med. 56: 213-21, Oct 2012.
11. **Zonfrillo MR**, Kumar M, Fortes JA, Winston FK. Telecenter for secure, remote, collaborative child fatality review. Inj Prev 18(6): 399-404, Dec 2012.
12. **Zonfrillo MR**, Master CL, Grady MF, Winston FK, Callahan JM, Arbogast KB. Pediatric providers' self-reported knowledge, practices, and attitudes about concussion. Pediatrics 130(6): 1120-5, Dec 2012.
13. **Zonfrillo MR**, Durbin DR, Winston FK, Zhao H, Stineman MG. Physical disability following injury-related inpatient rehabilitation in children. Pediatrics 131(1): e206-13, Jan 2013.
14. Arbogast KB, McGinley AD, Master CL, Grady MF, Robinson RL, **Zonfrillo MR**. Cognitive rest and school-based recommendations following pediatric concussion: the need for primary care support tools. Clinical Pediatrics (Phila) 52(5): 397-402, May 2013.
15. Winston FK, **Zonfrillo MR**, García-España JF, Miller TR. Anticipated increases in medically-attended injuries by children and young adults with the Affordable Care Act: The growing role of primary care in the pediatric trauma system. Clinical Pediatrics (Phila) 2013 Oct;52(10):960-8. Epub 2013 Jul 19.
16. Mirman JH, Curry AE, **Zonfrillo MR**, Corregano LM, Seifert S, Arbogast KB. Caregivers' confidence in performing child safety seat installations: What matters most? Inj Prev 2014 Jun;20(3):167-71. Epub 2013 Aug 8.
17. Leventer-Roberts M, **Zonfrillo MR**, Yu S, Dziura JD, Spiro DM. Overweight physicians

- during residency: a cross-sectional and longitudinal study. J Grad Med Educ 5(3): 405-411, Sep 2013.
18. Curry AE, **Zonfrillo MR**, Myers RK, Durbin DR. Validation of a parent survey for reporting child injuries. Inj Prev 2013 Oct;19(5):342-7. Epub 2013 Feb 13.
  19. Kallan MJ, Winston FK, **Zonfrillo MR**. Child passenger safety practices and injury risk in crashes with father versus mother drivers. Inj Prev 2014 Aug;20(4):272-5. Epub 2013 Dec 9.
  20. **Zonfrillo MR**, Durbin DR, Winston FK, Zhang X, Stineman MG. Residual cognitive disability after completion of inpatient rehabilitation among injured children. J Pediatr 164(1): 130-5, Jan 2014.
  21. Kendi S, **Zonfrillo MR**, Seaver Hill K, Arbogast KB, Gittelman MA. A national, cross-sectional survey of children's hospital-based safety resource centres. BMJ Open 4(3): e004398, Mar 2014.
  22. **Zonfrillo MR**, Durbin DR, Koepsell TD, Wang J, Temkin NR, Dorsch AM, Vavilala MS, Jaffe KM, Rivara FP. Prevalence of and risk factors for poor functioning after isolated mild traumatic brain injury in children. J Neurotrauma 31(8): 722-7, Apr 2014.
  23. Durbin DR, Myers RK, Curry AE, **Zonfrillo MR**, Arbogast KB. Extending the value of police crash reports for traffic safety research: collecting supplemental data via surveys of drivers. Inj Prev 2015 Apr;21(e1):e36-42. Epub 2014 May 20.
  24. Corwin DJ, **Zonfrillo MR**, Master CL, Arbogast KB, Grady MF, Robinson RL, Goodman AM, Wiebe DJ. Characteristics of prolonged concussion recovery in a pediatric subspecialty referral population. J Pediatr 2014 Dec;165(6):1207-15. Epub 2014 Sep 26.
  25. **Zonfrillo MR**, Locey CM, Scarfone SR, Arbogast KB. Motor vehicle crash-related injury causation scenarios for spinal injuries in restrained children and adolescents. Traffic Inj Prev 15 Suppl 1: S49-55, 2014.
  26. **Zonfrillo MR**, Sauber-Schatz EK, Hoffman BD, Durbin DR. Pediatricians' self-reported knowledge, attitudes, and practices about child passenger safety. J Pediatr 2014 Nov;165(5):1040-5.e1-2. Epub 2014 Sep 4.
  27. **Zonfrillo MR**, Myers RK, Durbin DR, Curry AE. Validation of parent reported injuries to their children. Clin Pediatr (Phila) 2015 Sep;54(10):983-6. Epub 2015 Jan 8.
  28. Corwin DJ, Wiebe DJ, **Zonfrillo MR**, Grady MF, Robinson RL, Goodman AM, Master CL. Vestibular deficits following youth concussion. J Pediatr. 2015 May;166(5):1221-5. Epub 2015 Mar 5.
  29. Papa L, Mittal MK, Ramirez J, Ramia M, Kirby S, Silvestri S, Giordano P, Weber K, Braga CF, Tan CN, Ameli NJ, Lopez M, **Zonfrillo MR**. In Children and Youth With Mild and Moderate Traumatic Brain Injury GFAP Out-performs S100 $\beta$  In Detecting Traumatic

- Intracranial Lesions On CT. J Neurotrauma. 2016 Jan 1;33(1):58-64. Epub 2015 Jun 3.
30. Durbin DR, Jermakian JS, Kallan MJ, McCartt AT, Arbogast KB, **Zonfrillo MR**, Myers RK. Rear Seat Safety: Variation in Protection by Occupant, Crash and Vehicle Characteristics. Accid Anal Prev. 2015 Jul;80:185-92. Epub 2015 Apr 22.
31. **Zonfrillo MR**, Kim KH, Arbogast KB. Emergency department visits and head computed tomography utilization for concussion patients from 2006-2011. Acad Emerg Med 2015 Jul;22(7):872-7. Epub 2015 Jun 25.
32. Macy ML, **Zonfrillo MR**, Cook LJ, Funai T, Goldstick J, Stanley RM, Chamberlain JM, Cunningham RM, Lipton R, Alpern ER. Patient and community-level socio-demographic characteristics associated with emergency department visits for childhood injury. J Peds 2015 Sep;167(3):711-8.e1-4. Epub 2015 Jul 2.
33. McDonald EM, Gittelman MA, Rains CM, Hoffman BD, **Zonfrillo MR**. Towards a centralized database for child safety resource centers: results of a feasibility pilot study. J Trauma Acute Care Surg. 2015 Sep;79(3 Suppl 1):S15-S20.
34. Mirman JH, Seifert SJ, **Zonfrillo MR**, Metzger K, Durbin DR, Arbogast KB. Evaluating the Effect of a Mechanical Adjunct to Improve the Installation of Child Restraint Systems to Vehicles. Traffic Inj Prev 2015 Oct 8;16 Suppl 2:S24-31.
35. **Zonfrillo MR**, Ferguson RW, Walker L. Reasons for child passenger non-restraint in motor vehicles. Traffic Inj Prev 2015 Oct 8;16 Suppl 2:S41-5.
36. **Zonfrillo MR**, Weaver AA, Gillich PJ, Price JP, Stitzel JD. New methodology for an expert-designed map from International Classification of Diseases (ICD) to Abbreviated Injury Scale (AIS) 3+ severity injury. Traffic Inj Prev 2015 Oct 8;16 Suppl 2:S197-200.
37. **Zonfrillo MR**, Zaniletti I, Hall M, Fieldston ES, Colvin JD, Bettenhausen JL, Macy ML, Alpern ER, Cutler GJ, Raphael JL, Morse RB, Sills MR, Shah SS. Socioeconomic status and hospitalization costs for children with brain and spinal cord injury. J Peds. 2016 Feb;169:250-5. Epub 2015 Nov 9.
38. Ferguson RW, Walker L, Wheeler T, Guzzetta C, Heubner-Davidson J, **Zonfrillo MR**. Traffic safety-related priorities for pre-teens and adolescents: extending occupant protection messaging to children ages 8 to 15 years. Glob Pediatr Health. 2015 Nov 5;2:2333794X15615773. eCollection 2015.
39. Papa L, **Zonfrillo MR**, Ramirez J, Silvestri S, Giordano P, Braga CF, Tan CN, Ameli NJ, Lopez M, Mittal MK. Performance of glial fibrillary acidic protein (GFAP) in detecting traumatic intracranial lesions on computed tomography in children and youth with mild head trauma. Acad Emerg Med 2015 Nov;22(11):1274-82. Epub 2015 Oct 15.
40. Gaw CE, **Zonfrillo MR**. Emergency department visits for head trauma in the United States. BMC Emerg Med. 2016 Jan 19;16(1):5.

41. Henry MK, **Zonfrillo MR**, French B, Song L, Feudtner C, Wood JN. Hospital variation in cervical spine imaging of young children with traumatic brain injury. Acad Pediatr. 2016 Sep-Oct;16(7):684-91. doi: 10.1016/j.acap.2016.01.017. Epub 2016 Feb 4.
42. Fishe JN, Luberti AA, Master CL, Robinson RL, Grady MF, Arbogast KB, **Zonfrillo MR**. After-hours call center triage of pediatric head injury: outcomes after a concussion initiative Pediatr Emerg Care. 2016 Mar;32(3):149-53
43. Arbogast KB, Curry AE, Pfeiffer MR, **Zonfrillo MR**, Haarbauer-Krupa J, Breiding MJ, Coronado VG, Master CL. Point of healthcare entry for youth concussion within a large pediatric care network. JAMA Pediatr. 2016 Jul 5;170(7):e160294. Epub 2016 Jul 5.
44. **Zonfrillo MR**, Janigian NG, Maron BA. Death or severe injury at the ball game. Curr Sports Med Rep. 2016 May-Jun;15(3):132-3.
45. **Zonfrillo MR**, Macy ML, Cook LJ, Funai T, Stanley RM, Chamberlain JM, Cunningham RM, Alpern ER. Anticipated resource utilization for injury versus non-injury pediatric visits to emergency departments. Inj Epidemiol. 2016;3:12. Epub 2016 May 3.
46. Schoell SL, Weaver AA, Talton JW, Baker G, Doud AN, Barnard RT, Stitzel JD, **Zonfrillo MR**. Functional outcomes of motor vehicle crash head injuries in pediatric and adult occupants. Traffic Inj Prev 2016 Sep;17 Suppl 1:27-33.
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None

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2. **Zonfrillo MR**, Elliott MR, Durbin DR. Author's reply to editorial for: "Association between weight and risk of crash related injuries for children in child restraints" Pediatrics.org December 2011.
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6. Clayton V. Understanding your child's ailments. New Parent Nov 2012.
7. Landro L. Fresh efforts to improve teens' concussion care The Wall Street Journal November 2012.
8. **Zonfrillo MR**. After the Injury: Rehabilitation Needs in Kids. Medscape Today News Dec 2012.
9. Pevzner H. A drive for safety: What to know about car seat guidelines. scholastic.com Parent and Child Jan 2013.
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- Prevention and Control, the National Highway Traffic Safety Administration. Adolescent Summer Safety. Twitter Chat #TeenSummer Jun 2013.
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## **INVITED PRESENTATIONS**

### ***INTERNATIONAL***

1. "Pediatric functional disability as a measurement of injury burden" - Setting the Future Agenda for Child Occupant Protection Conference, Monash University, Prato, Italy, Sep, 2011; International
2. "Injury Prevention," "Reviewing Manuscripts," "The Inconsolable Infant," "Broken Hearts," "Introduction to Simulation" - Pediatric Emergency Medicine Seminar, American Austrian Foundation, Salzburg, Austria, Jun, 2013; International
3. "Injuries to children, with a focus on long term consequences" - Child Occupant Protection: Latest Knowledge and Future Opportunities, Goteborg, Sweden, Sep, 2013; International
4. "Long-term functionality and quality of life" - Issues in Child Occupant Protection, Marstrand, Sweden, Sep, 2013; International
5. "The evidence for and promotion of injury prevention through education" - Clalit Research Institute, Tel-Aviv, Israel, Jun, 2014; International
6. "Injury Prevention" - Tikkum Olam Make-a-thon conference, Nazareth, Israel, Jun, 2014; International
7. "Injury coding and mapping: opportunities and challenges" - *Dirección General de Tráfico*, Madrid, Spain, Oct, 2014; International
8. "Descriptive Study Designs," "Making Prognostic Decisions," "Survey Design," "Research Ethics," "Peer Reviewing a Manuscript," "How to Conduct a Literature Review" - Seminar in Applied Clinical Research, American Austrian Foundation, Salzburg, Austria, Apr, 2015; International



9. "Oropharyngeal trauma," "Concussion," "Injury prevention in the emergency department," "Child and adolescent road traffic safety," – Pediatric Emergency Medicine Course, *Aula Magna Clínica Alemana*, Santiago, Chile, May, 2015; International
10. "Survey Design," "Research Ethics," "Peer Reviewing a Manuscript," "How to Conduct a Literature Review" - Seminar in Applied Clinical Research, American Austrian Foundation, Salzburg, Austria, Jul, 2017; International
11. "Pediatric Concussion" – International Conference on Pediatrics and Pediatric Healthcare Seminar, Rome, Italy, Oct, 2019; International
12. "Functional disability following traumatic brain injury: Leveraging linked trauma and post-acute care databases" – Critical Care Medicine Seminar, *Hospital Universitario 12 de Octubre*, Madrid, Spain, Oct, 2019; International
13. "Coding and mapping injury diagnoses and severities for trauma registries and research", Global Injury Prevention Showcase Pre-Conference, Mar 2021; International (Virtual)
14. "Parent and healthcare provider knowledge, attitudes, beliefs, and practices surrounding child passenger safety", 60<sup>th</sup> Chilean Pediatric Congress (*60 Congreso Chileno de Pediatría*), Oct 2021; International (Virtual)

#### **NATIONAL**

15. "Injury in the Pediatric Emergency Department: Epidemiology, Relationship to Body Mass, and Prevention" - Pediatric Grand Rounds, Yale-New Haven Children's Hospital, New Haven, CT, Apr, 2006; National
16. "Subspecialty Board Review," "Airway Skills" - Pediatric Emergency Medicine in Historic Philadelphia, Children's Hospital of Philadelphia, Philadelphia, PA, Nov 2007; National
17. "Subspecialty Board Review," "Airway Skills," "Visual Diagnosis" - Pediatric Emergency Medicine in Historic Philadelphia, Children's Hospital of Philadelphia, Philadelphia, PA, Nov 2008; National
18. "An Ounce of Prevention: Evidence for Injury Anticipatory Guidance" - Pediatric Emergency Medicine in Historic Philadelphia, Children's Hospital of Philadelphia, Philadelphia, PA, Nov 2009; National
19. "The Association of Body Mass and Pediatric Crash-related Injury" - Manufacturers' Briefing Conference, Plymouth, MI, May, 2010; National
20. "Subspecialty Board Review," "Medical Simulations" - Pediatric Emergency Medicine in Historic Philadelphia, Children's Hospital of Philadelphia, Philadelphia, PA, Nov 2010; National
21. "Pediatric functional disability as a measurement of injury burden" - Society of Automotive Engineers (SAE) International Government/Industry Meeting, Washington, DC, Jan, 2011; National
22. "Subspecialty Board Review," "Medical Simulations," Pediatric Emergency Medicine in Historic

Philadelphia, Children's Hospital of Philadelphia, Philadelphia, PA, Nov 2011; National

23. "Pediatric Concussion" - Emergency Medicine Residency Grand Rounds, York Hospital, York, PA, Mar, 2012; National
24. "Child restraint misuse in the field and in full-vehicle crash testing" - Advances in Child Injury Prevention Conference, Plymouth, MI, May, 2012; National
25. "The role of the pediatric emergency physician in injury control" - American Academy of Pediatrics National Conference and Exhibition 2012 Workshop, joint program of the Section on Emergency Medicine & the Council on Injury, Violence, and Poison Prevention, New Orleans, LA, Oct, 2012; National
26. "Pediatric Concussion" and conference moderator - Pediatric Emergency Medicine in Historic Philadelphia, Children's Hospital of Philadelphia, Philadelphia, PA, Nov 2012; National
27. "Child restraint system misuse in the field and in full-vehicle crash testing" - Illinois Department of Transportation Child Passenger Safety Conference, Springfield, IL, Nov, 2012; National
28. "National Survey of Children's Hospital-Based Safety Centers" - Children's Hospital Association (CHA) Webinar, Dec, 2012; National
29. "Child restraint system misuse nationally and in full-vehicle crash testing" - Lifesavers National Conference on Highway Safety Priorities, Denver, CO, Apr, 2013; National
30. "Emergency department evaluation and management of pediatric concussion and mild traumatic brain injury" - Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA, May, 2013; National
31. "Child Restraint Systems: Addressing misuse through research and action" - 2013 Safe Kids Worldwide Childhood Injury Prevention Conference, Washington, D.C., Jun, 2013; National
32. "Child Restraint Misuse" - Governors Highway Safety Association 2013 Annual Meeting, San Diego, CA, Aug, 2013; National
33. "Pediatric Concussion" - Pediatric Grand Rounds, Yale-New Haven Children's Hospital, New Haven, CT, Sep, 2013; National
34. "The 10 best injury prevention articles of 2012-2013" - American Academy of Pediatrics National Conference and Exhibition, Council on Injury, Violence, and Poison Prevention, Orlando, FL, Oct, 2013; National
35. "Pediatric Concussion" - Pediatric Emergency Medicine in Historic Philadelphia, Children's Hospital of Philadelphia, Philadelphia, PA, Nov 2013; National
36. "Functional disability as a measurement of injury burden in children" - Child Health Research Center Seminar, The Research Institute at Nationwide Children's Hospital, Columbus, OH, Nov, 2013; National

37. "Pediatric Concussion" - Emergency Medicine Grand Rounds, Oregon Health & Science University, Portland, OR, Mar, 2014; National
38. "Child and adolescent road traffic safety: applying research to action" - Pediatric Grand Rounds, Oregon Health & Science University, Portland, OR, Mar, 2014; National
39. "Extending occupant protection messaging to reach kids 8 to 15" - Lifesavers National Conference on Highway Safety Priorities, Nashville, TN, Apr, 2014; National
40. "The Evidence for and Promotion of Injury Prevention through Education" - 2014 Sanford Children's Pediatric Trauma Symposium, Sioux Falls, SD, Apr, 2014; National
41. "How safety science is conveyed to consumers in the lay press" - Advances in Child Injury Prevention Conference, Plymouth, MI, May, 2014; National
42. "Update on emergency department evaluation and management of pediatric concussion" - Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May, 2014; National
43. "Falls and TBI in Children Ages 0-4" - Invention, Innovation and Interventions in Brain Injury 25th Annual National Association of State Head Injury Administrators (NASHIA) Conference, Philadelphia, PA, Oct, 2014; National
44. "Acute Management of Concussion" and conference moderator - Pediatric Emergency Medicine in Historic Philadelphia, Children's Hospital of Philadelphia, Philadelphia, PA, Nov 2014; National
45. "Pediatric Concussion" - Emergency Medicine Grand Rounds, University of Virginia, Charlottesville, VA, Nov, 2014; National
46. "Pediatric Concussion" - Emergency Medicine Grand Rounds, Wake Forest University, Winston-Salem, NC, Jan, 2015; National
47. "Injury prevention in the emergency department" – Pediatric Grand Rounds, Nationwide Children's Hospital, Columbus, OH, Nov, 2015; National
48. "The evidence for and promotion of injury prevention in children and youth" – Pediatric Grand Rounds, Children's Medical Center at Winthrop-University Hospital, Mineola, NY, Jan, 2016; National
49. "Injury prevention in the emergency department" – Pediatric Academic Societies' Annual Meeting, joint program of the Emergency Medicine and Injury Control Special Interest Groups, Baltimore, MD, May, 2016; National
50. "Parent and health care provider knowledge, attitudes, beliefs, and practices surrounding child passenger safety" – 2016 Indiana Child Passenger Safety Conference, Indianapolis, IN, Jun 2016; National
51. "Medicolegal considerations in the pediatric emergency department: Protecting your credibility and

- adhering to the standard of care” – Pediatric Emergency Medicine Fellows’ Conference, Boston Medical Center, Boston, MA, Mar, 2017; National
52. “Functional disability as a measurement of injury burden in children” - Institute for Public Health and Medicine (IPHAM) Seminar Series, Northwestern University Feinberg School of Medicine, April, 2017; National
  53. “Parent and health care provider knowledge, attitudes, beliefs, and practices surrounding child passenger safety” - Martha Collar Oklahoma Child Passenger Safety Conference, Keynote Address, Tulsa, OK, Apr 2018; National
  54. “Child and adolescent road traffic safety: applying research to action” - Pediatric Grand Rounds, Children's Healthcare of Atlanta and Emory University Department of Pediatrics, Atlanta, GA, Feb 2019; National
  55. “Distraction, carpooling, and situational non-restraint behaviors of parents driving school-aged children” - Lifesavers National Conference on Highway Safety Priorities, Louisville, KY, Mar 2019; National.
  56. "Preteen and adolescent road traffic safety” (Keynote Address) and “Expert Panel on Child Passenger Safety”– Children’s Healthcare of Atlanta Updates in Pediatric Emergency Medicine Conference, Atlanta, GA, Sep 2019; National
  57. “Injury prevention counseling in the clinical setting: how to do it efficiently and effectively with real life examples and a discussion of gaps in research” - Injury Free Coalition for Kids 2019 National Conference, Fort Lauderdale, FL, Dec 2019; National
  58. “Parent and health care provider knowledge, attitudes, beliefs, and practices surrounding child passenger safety” - Illinois Department of Transportation Child Passenger Safety Conference, Virtual Conference, Feb, 2021; National
  59. “Baby Safety” – Safe Kids Worldwide Facebook Live Event, Apr 2021; National
  60. “Child Passenger Safety” – AAA Webinar Series, May 2021; National
  61. “Parent and health care provider knowledge, attitudes, beliefs, and practices surrounding child passenger safety” – 2021 Indiana Child Passenger Safety Conference, Indianapolis, IN, Jun 2021; National
  62. “Evidence-based injury prevention in the primary care and emergency department settings” - Pediatric Grand Rounds, Yale-New Haven Children's Hospital, New Haven, CT, Oct, 2021; National
  63. “Harnessing large databases for injury prevention research” – Injury Free Coalition for Kids 2021 National Conference, Fort Lauderdale, FL, Jan 2022; National (Virtual)
  64. "Social Media as a Friend and Foe: Opportunities for, and Threats to, Injury Prevention" – 2022 John M. Templeton, Jr. Pediatric Trauma Symposium. Pittsburgh, PA, Mar 2022; National

65. “Strategies to Optimize Time Management and Productivity” – 2022 National Pediatric Emergency Medicine Fellows Core Series Webinar. (Virtual), Sep 2022; National
66. “Injury articles you may have missed” - American Academy of Pediatrics National Conference and Exhibition, Council on Injury, Violence, and Poison Prevention, Anaheim, CA, Oct, 2022; National
67. “Coding and mapping injury diagnoses and severities” – Pediatric Emergency Care Applied Research Network Injury Prevention Interest Group. (Virtual), Jun 2023; National
68. “Parent and health care provider knowledge, attitudes, beliefs, and practices surrounding child passenger safety”; “The Injury Equity Framework” – 2023 Louisiana Child Passenger Safety Conference, Baton Rouge, LA, Jul 2023; National
69. “Equity in Child Passenger Safety” – 2023 Safe Kids PrevCon Conference, Washington, DC, Jul 2023; National

### ***REGIONAL/LOCAL***

70. “Injury Prevention: Evidence Based Anticipatory Guidance” - Pediatric Grand Rounds, Bridgeport Hospital, Bridgeport, CT, Sep, 2006; Regional
71. “The Inconsolable Infant” - Pediatric Resident Education Curriculum Crozer-Chester Medical Center, Upland, PA, Nov, 2007; Regional
72. “The Inconsolable Infant” - Family Medicine Resident Education Curriculum, Abington Memorial Hospital, Abington, PA, Apr, 2008; Regional
73. “The Inconsolable Infant” - Pediatric Resident Education Curriculum, Crozer-Chester Medical Center, Upland, PA, Aug, 2008; Regional
74. “The Inconsolable Infant” - Family Medicine/Emergency Medicine Resident Education Curriculum, Frankford Hospital, Langhorne, PA, Jan, 2009; Regional
75. “The Inconsolable Infant” - Emergency Medicine Resident Education Curriculum, Temple University Hospital, Philadelphia, PA, Aug, 2009; Regional
76. “Injury Prevention” - Pediatric Resident Education Curriculum, Crozer-Chester Medical Center, Upland, PA, Sep, 2009; Regional
77. “The Inconsolable Infant” - Emergency Medicine Residency Grand Rounds, York Hospital, York, PA, Jul, 2010; Regional
78. “Injury research: Academics to Action” - Jefferson School of Population Health Master of Public Health (MPH) Program, Philadelphia, PA, Jan, 2011; Local
79. “Translational pediatric motor vehicle injury research” - Jefferson School of Population Health Master of Public Health (MPH) Program, Philadelphia, PA, Jan, 2012; Local

80. "Translational pediatric motor vehicle injury research" - Jefferson School of Population Health Master of Public Health (MPH) Program, Philadelphia, PA, Jan, 2013; Local
81. "Pediatric Injury Prevention" - University of Pennsylvania Department of Family Medicine and Community Health Resident Didactic Series, Presbyterian Hospital, Philadelphia, PA, Feb, 2013; Local
82. "Pediatric Concussion" - Temple University Epidemiology Lecture, PH3101, Philadelphia, PA, Apr, 2013; Local
83. "What is a Concussion?: Definitions, symptoms, statistics, facts, and myths" – "The younger concussion patient: elementary or pre-school age," Diagnosis and Management of Child and Adolescent Concussion: A Primer for Primary Care Providers and Educators, Children's Hospital of Philadelphia, Philadelphia, PA, Apr 2013; Local
84. "Pediatric Concussion" - Division of Emergency Medicine, Rady Children's Hospital, San Diego, CA, Aug, 2013; Local
85. "Injury Prevention" - Pediatric Residency Morning Report, Yale-New Haven Children's Hospital, New Haven, CT, Sep, 2013; Local
86. "Kids and car safety: The evidence for and promotion of new recommendations" - 31st Annual A Day in Pediatrics Conference, Reading Hospital, Reading, PA, Oct, 2013; Regional
87. "Child and adolescent road traffic safety- applying research to action" - Nassau Pediatric Society Executive Committee Meeting, Carle Place, NY, Oct, 2013; Regional
88. "Concussion" - Temple University Epidemiology Lecture, PH3101, Philadelphia, PA, Nov, 2013; Local
89. "Survey design and science" - Division of Pediatric Emergency Medicine, Children's Medical Center, Dallas, TX, Jan, 2014; Local
90. "Concussion" - Breaking the Science on Mental Wellness Conference, Temple University, Philadelphia, PA, Apr, 2014; Local
91. "The role of the pediatric emergency department and after hours call centers in concussion care," Diagnosis and Management of Child and Adolescent Concussion: Acute and Specialized Therapy Across the Spectrum, Children's Hospital of Philadelphia, Philadelphia, PA, Apr 2014; Local
92. "Concussion" - Temple University Epidemiology Lecture, PH3101, Philadelphia, PA, Apr, 2014; Local
93. "Pediatrician and parent child passenger safety knowledge and practices following revised American Academy of Pediatrics policy" - National Highway Traffic Safety Administration (NHTSA) Region 2 Child Passenger Safety Conference, State College, PA, Jun, 2014; Regional

94. "Subspecialty and academic-based pediatric careers" - Pennsylvania Chapter American Academy of Pediatrics Pediatric Resident Career Day, Wilmington, DE, Oct, 2014; Regional
95. "Functional Disability as a Measurement of Injury Burden in Children" - Center for Applied Biomechanics, University of Virginia, Charlottesville, VA, Nov, 2014; Local
96. "Time Management and Productivity" – Pediatric Emergency Medicine Future Faculty Development Lecture Series, Brown University, Providence, RI, Sep, 2015; Local
97. "The Evidence for and Promotion of Injury Prevention through Education" – Injury as a Public Health Problem, PHP 2170, Brown University Department of Epidemiology, Providence, RI, Nov, 2015; Local
98. "Pediatric Concussion" – Pediatric Emergency Medicine Fellows' Conference, Hasbro Children's Hospital, Providence, RI, Nov, 2015; Local
99. "Functional disability as a measurement of injury burden in children" – Pediatric Research Colloquium, Women and Infant's Hospital, Providence, RI; Dec, 2015; Local
100. "Critically reviewing journal articles for application in medical practice" – Pediatric Resident Education Curriculum, Children's Medical Center at Winthrop-University Hospital, Mineola, NY, Jan, 2016; Local
101. "Challenges with ethical issues and consent in the emergency department" – Pediatric Emergency Medicine Future Faculty Development Lecture Series, Brown University, Providence, RI, Feb, 2016; Local
102. "Pediatric Concussions for EMS" – Center for Emergency Medical Services EMS Week 2016, Rhode Island Department of Health, Providence, RI, May, 2016; Local
103. "Medicolegal considerations in the pediatric emergency department" – Pediatric Emergency Medicine Fellows' Retreat, Brown University, Providence, RI, June, 2016; Local
104. "Pediatric Concussion" – Pediatric Emergency Medicine Physician Extender Development (PEMPED) Lecture Series, Brown Emergency Medicine, Providence, RI, Sep 2016; Local
105. "Visual Diagnosis" - Pediatric Residency Noon Conference, Hasbro Children's Hospital, Providence, RI, Nov, 2016; Local
106. "Management of Moderate and Severe Traumatic Brain Injury" – Pediatric Emergency Medicine Fellowship Lecture Series, Brown University, Providence, RI, Oct, 2016; Local
107. "Documenting in the electronic health record: Protecting your credibility and ensuring compliance" - Emergency Medicine Residency Lecture Series, Brown University, Providence, RI, Nov, 2016; Local
108. "Pediatric Concussion" – New England Council for EMS 2016, Newport, RI, Nov, 2016; Local

109. “Parental and healthcare provider knowledge, attitudes, beliefs, and practices surrounding child passenger safety” – Pediatric Grand Rounds, Hasbro Children’s Hospital, Providence, RI, Feb, 2017; Local
110. “Using the Electronic Health Record and REDCap to Facilitate Clinical Research Needs” – Department of Pediatrics Faculty Development Series, Hasbro Children’s Hospital, Providence, RI, Mar, 2017; Local
111. “Keeping your cool” –Pediatric Emergency Medicine Fellows’ Retreat, Brown University, Providence, RI, June, 2017; Local
112. “Time Management and Productivity” –Emergency Medicine Fellows’ Career Development Lecture Series, Brown University, Providence, RI, Sep, 2017; Local
113. “Pediatric Concussion” – Emergency Medicine Residency Lecture Series, University of Nevada Las Vegas, Las Vegas, NV, Oct, 2017; Local
114. “Grants and awards for junior investigators” –Emergency Medicine Fellows’ Career Development Lecture Series, Brown University, Providence, RI, Dec, 2017; Local
115. “Pediatric Concussion” – Emergency Medicine Residency Lecture Series, Alpert Medical School of Brown University, Mar 2018; Local
116. “Evidence-based evaluation and management of pediatric concussion” – Pediatric Grand Rounds, Hasbro Children’s Hospital, Providence, RI, Oct, 2018; Local
117. “Pediatric Concussion” – Pediatric Emergency Medicine Physician Extender Development (EPEMPED) Lecture Series, Brown Emergency Medicine, Providence, RI, Nov 2018; Local
118. "Motor vehicle crash prevention" – Social Change, Injury Prevention, and the Practice of Medicine, HMS ME727.0, Harvard Medical School, Boston, MA, Mar, 2019; Regional
119. “Survey says? How to create valid and successful academic surveys ” – Department of Pediatrics, University of Massachusetts Memorial Children’s Medical Center, Jul, 2019; Regional
120. "Electrical Injuries" - Pediatric Emergency Medicine Fellowship Lecture Series, Brown University, Providence, RI, Sep, 2019; Local
121. “Pediatric Concussion” – Pediatric Emergency Medicine Physician Extender Development (EPEMPED) Lecture Series, Brown Emergency Medicine, Providence, RI, Oct 2019; Local
122. “Using Epic to Explore Patient Data for Quality Improvement and Scholarship” – Department of Pediatrics Faculty Development Lecture Series, Brown University, Providence, RI, Nov 2019; Jan 2020; Apr 2020; Local
123. "Pediatric Database Development Primer" - Department of Pediatrics Faculty Development Series, Hasbro Children's Hospital, Providence, RI, April 2021; Local



124. "Scholarship Mentorship Fundamentals for Clinicians" - Department of Pediatrics Faculty Development Series, Hasbro Children's Hospital, Providence, RI, May 2021; Local
125. "Getting Things Done: Time Management Strategies" – Alpert Medical School of Brown University Faculty Development Series, Providence, RI, Dec 2021; Local
126. "A World of Hurt: How Medical Malpractice Fails Everyone", Panelist, Urology Grand Rounds, The Miriam Hospital, Providence, RI, Aug, 2023; Local

## **GRANTS**

### *Pending*

1. Longitudinal impacts of family, environment, race, geography, and society (LIFE RINGS) on water safety: A mixed methods study, The National Institutes of Health - The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), PA-20-195, 6/2024-5/2029, (Macy, PI), 10% FTE, (Role in grant: **Zonfrillo, Co-I**)

### *Active*

2. Rhode Island Hospital Injury Control Center of Biomedical Research Excellence (COBRE), NIH/NIGMS, PAR-19-313, 12/2021-11/2026, (Mello, PI) \$12,099,111, 15% FTE, (Role in grant: **Zonfrillo, Co-Director, Research to Practice and Policy Core**)
3. A blood test for mild traumatic brain injury and concussion in children and youth, National Institute of Neurological Disorders and Stroke (NINDS), R01-NS057676, 6/2019-5/2024 (Papa, PI), \$1,652,584, 10% FTE (Role in grant: **Zonfrillo, Site PI**)
4. Pediatric Emergency Care Applied Research Network (PECARN), Health Resources and Services Administration (HRSA), U03MC33155, 07/2023-06/2027, (Morris, PI) \$2,800,000 10% FTE (Role in grant: **Zonfrillo, Site PI**),
5. Medical Malpractice Documentary, Brown Emergency Medicine Faculty Development Award, 9/2022-8/2023 (Brady, PI), \$40,000, (Role in grant: Mentor)

### *Complete*

6. Pediatric Emergency Care Applied Research Network (PECARN), Health Resources and Services Administration (HRSA), U03MC33155, 07/2019-06/2023, (Chun, PI) \$2,800,000 10% FTE (Role in grant: **Zonfrillo, Site PI**),
7. IAMSBI RT: Implementing alcohol misuse SBIRT in a national cohort of pediatric trauma centers, The National institute on Alcohol Abuse and Alcoholism (NIAAA), R01AA025914, 8/2017-7/2022 (Mello, PI), \$3,314,457, 5% FTE (Role in grant: Co-Investigator)
8. The value of pediatric readiness in the emergency care of injured children, The National Institutes of

Health - The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), 1R24HD085927, 9/2017-6/2022 (Newgard, PI), \$ 2,848,349, 2% (effort only) (Role in grant: Co-Investigator)

9. Improving CER\PCOR methods for analyzing linked data sources in the absence of unique identifier, Patient-Centered Outcomes Research Institute (PCORI), PCORI-PFA-2017, 12/2018-11/2021 (Gutman, PI), \$749,900, 10% FTE (Role in grant: **Zonfrillo, Site PI**)
10. Feasibility and acceptability of rolling refresher training for parents on proper infant car seat use, National Institutes for Health - National Center for Advancing Translational Sciences CTSI-CN, UL1TR01876 and KL2TR001877, 6/2018-5/2021 (Kendi, PI), \$250,000, (Role in grant: Co-Investigator and Career Development Advisor, In-kind effort)
11. Innovative approaches to examine post-acute care outcomes of older adults with traumatic brain injury, The National Institute on Aging (NIA), R21AG059120, 09/2018 – 08/2020, (Thomas, PI), \$450,499, 2% FTE, (Role in grant: **Zonfrillo, Site PI**)
12. Improving traumatic brain injury clinical care through the use of a telehealth program, Centers for Disease Control and Prevention (CDC) National Center for Injury Prevention and Control ECHO grant, 6 NU38OT000282-01-01, 9/2018-7/2019 (Tait, PI), \$250,000, (Role in Grant: Consultant)
13. Near-infrared spectroscopy (NIRS) for intracranial hematoma detection in children, InfraScan, Inc., 14-010812, 4/2014-1/2019 (**Zonfrillo, PI**), \$59,946/annual direct costs (Role in grant: Co-PI, In-kind effort)
14. Branched chain amino acids in sports-related concussion (HIT HEADS), The Dana Foundation, Clinical Trials ID: NCT01860404, 1/2014-1/2019, (Kirschen, PI), \$250,000, (Role in grant: Co-PI, In-kind effort)
15. Merging national hospital trauma registry data with Medicare claims and post-acute care patient assessments to examine predictors of functional improvement among older adults with traumatic brain injury, Brown University Advance Clinical and Translational Research Award, 6/2017-5/2018 (Thomas, PI), \$74,924, 2% (effort only) (Role in grant: Co-Investigator)
16. The cost and utility of post-reduction radiographs after closed reduction of pediatric wrist and forearm fractures, Graduate Medical Education Committee Awards for Support of Research and Quality, 7/2017-6/2018 (Eberson, PI) \$3,000, (Role in grant: Co-Investigator, In-kind effort)
17. mSafety – Preliminary Work for a Text and Video Messaging Home Safety Intervention for Teen Mothers, Hassenfeld Child Health Innovation Award, 2/2017-1/2018 (Mello, PI), \$25,000, (Role in grant: Co-Investigator, In-kind effort)
18. Effect of treatment on outcome after TBI in children and adolescents, Centers for Disease Control and Prevention (CDC) National Center for Injury Prevention and Control (NCIPC), 1-U01-CE002196, 9/2012-9/2017 (Rivara, PI), \$1,845,003, 5% FTE (Role in grant: **Zonfrillo, Site PI**)
19. Functional disability as a measurement of injury burden in children, The National Institutes of Health - The Eunice Kennedy Shriver National Institute of Child Health and Human Development

- (NICHD), 1-K08-HD073241, 8/2012-5/2017 (no cost extension to 5/2018) (**Zonfrillo, PI**), \$627,775, 75% FTE (Role in grant: PI)
20. Parental driving behaviors of child passengers ages 3-10 years, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 8/2016-7/2017 (McDonald, PI), \$15,000, (Role in grant: Co-Investigator, In-kind effort)
  21. Merging a national hospital trauma registry with post-acute care data in older adults with TBI, The Rhode Island Foundation, 4/2016-3/2017 (**Zonfrillo, PI**), \$15,000, (Role in grant: PI, In-kind effort)
  22. Comprehensive Concussion Registry and Genome Analysis, Children's Hospital of Philadelphia Research Institute Clinical and Translational Science Award, 6/2014-6/2016 (**Zonfrillo, PI**), \$200,000, (Role in grant: PI, In-kind effort)
  23. Differences in injury outcomes in children versus adults, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 5/2015-4/2016 (**Zonfrillo, PI**), \$49,000, (Role in grant: PI, In-kind effort)
  24. Long term outcomes following pediatric trauma, University of Pennsylvania, 7/2011-6/2016 (**Zonfrillo, PI**), \$24,918 (Role in grant: PI, In-kind effort)
  25. Motor vehicle crash-related injury causation scenarios for disabling injuries in children, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 5/2013-4/2014 (**Zonfrillo, PI**), \$29,099 (Role in grant: PI, In-kind effort)
  26. Hospital-based safety stores: Data collection to improve intervention, Centers for Disease Control and Prevention (CDC) National Center for Injury Prevention and Control (NCIPC), 200-2012-M-526110, 10/2012-3/2014 (**Zonfrillo, PI**), \$39,272 (Role in grant: Site-PI, In-kind effort)
  27. Rear seat occupant protection, Insurance Institute for Highway Safety, 7/2012-7/2012 (Durbin, PI), \$20,954, 10% FTE (Role in grant: Co-I)
  28. Road Traffic Injury Evaluation in India, IBM, 5/2012-8/2012 (**Zonfrillo, PI**), \$10,000 (Role in grant: PI, Effort supported by Pediatric Development Fund supplementation)
  29. Child Restraint System Misuse Nationally and in Full-vehicle Crash Tests, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 5/2012-4/2013 (**Zonfrillo, PI**), \$44,188, 5% FTE (Role in grant: PI)
  30. The National Child Occupant Special Study, Toyota Motor Engineering and Manufacturing North America, Inc, 6/2011-2/2013 (Durbin, PI), \$283,983, 5% FTE (Role in grant: Co-Investigator)
  31. Easy-to-use electric lower anchor tether winch for child car seats, Department of Health and Human Services, 2R44CE001180-02A1, 1/2012-8/2012 (Seifert, PI), \$971,561, 5% FTE (Role in grant: Co-Investigator)
  32. Improving Concussion Management in a Pediatric Care Network, The Children's Hospital of Philadelphia Chair's Initiative, 7/2011-6/2013 (Arbogast, PI), \$104,325, 10% FTE (Role in grant:

Co-Investigator)

33. Child Restraint System Misuse in the Field and in Full-vehicle Crash Tests, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 5/2011-4/2012 (Maltese, PI), \$47,357 (Role in grant: Co-Investigator, Effort supported by Pediatric Development Fund supplementation)
34. Injury risk in seat-belt restrained occupants, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 5/2011-4/2012 (Arbogast, PI), \$63,198, 6% FTE (Role in grant: Co-Investigator)
35. Long-Term Disability Following Pediatric Trauma, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 5/2011-4/2012 (**Zonfrillo, PI**), \$52,852, 20% FTE (Role in grant: PI)
36. Assessing and addressing gaps in booster seat policy, Centers for Disease Control and Prevention/ Information Ventures, Inc., 2/2011-1/2012 (**Zonfrillo, PI**), \$50,000, 8% FTE (Role in grant: PI)
37. Adaptive information technology appliance for collaborative review of child death cases, National Science Foundation Early- Concept Grants for Exploratory Research, 9/2010-8/2012 (Winston, PI: Zonfrillo, Co-Investigator), \$200,000, 18% FTE (Role in grant: Co-PI)
38. Assessment of Child Injuries Reported on a Parent Survey, Insurance Institute for Highway Safety, 4/2010-12/2012 (Curry, PI), \$133,171, 4.5% FTE (Role in grant: Site PI)
39. Injury risk of belted occupants, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 7/2010-4/2011 (Arbogast, PI), \$50,000, 5% FTE (Role in grant: Co-Investigator)
40. Head injury contact points for children seated in the rear row in frontal crashes, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 5/2010-4/2011 (Arbogast, PI), \$64,719, 2% FTE (Role in grant: Co-Investigator)
41. The association of body mass index and motor vehicle crash injury among 4 to 8-year-old children, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 5/2009-4/2010 (**Zonfrillo, PI**), \$41,951, 20% FTE (Role in grant: PI)
42. Child restraint systems in side impact: Injury patterns and causation, The National Science Foundation - Center for Child Injury Prevention Studies (CChIPS), 5/2008-4/2009 (Jermakian, PI), \$63,934, 5% FTE (Role in grant: Co-Investigator)

## **UNIVERSITY TEACHING AND MENTOR ROLES**

### **Alpert Medical School of Brown University**

Associate Director, Master of Science in Population Medicine, Alpert Medical School of Brown University, 2016-present

Lecturer, Master of Science in Population Medicine Research Methods Course, MED 2030, Alpert Medical School of Brown University, 2016-present

Lecturer, Gateways to Medicine Master's Program, MED 2021, Alpert Medical School of Brown University, 2020-present

- “Survey Science”, Nov 2020, Nov 2021, Nov 2022

Lecturer, Brown Emergency Medicine Fellowship Research Curriculum Seminar, Alpert Medical School of Brown University, 2016-present

- “Types of Research Study”, Sep 2015; “Bias and Confounding”, Jan 2016, Sep 2016, Sep 2017, Sep 2018, Sep 2019, Nov 2020, Jan 2022

Lecturer, Preclinical Elective: Introduction to the Electronic Health Record, BIOL 6683, Alpert Medical School of Brown University, 2017-2019

- “Medicolegal and Compliance Issues”, Nov 2017; “The EHR In Practice”; May 2017; Oct 2019

Small Group Leader, Epidemiology and Biostatistics for first-year medical students, Alpert Medical School of Brown University, 2016-2020

Preceptor, Pediatric Emergency Medicine Elective, EM 5650, Alpert Medical School of Brown University, 2015-present

Advisor, Research Independent Study, Alpert Medical School of Brown University, 2019-present

#### Research Mentor

- Faculty
  - Mentor, Alicia Genisca, MD, Brown Emergency Medicine, 2023-present
  - Mentor, Daniel Choi, MD, Brown Department of Pediatrics Faculty Mentoring Program, 2023-present
  - Mentor, Laura Mercurio, MD, Brown Emergency Medicine, 2020-present
  - Mentor, Margaret Scheffler, MD, Brown Department of Pediatrics Faculty Mentoring Program, 2016-present
  - Mentor, Michael Koster, MD, Brown Department of Pediatrics Faculty Mentoring Program, 2016-2020 (recruited as Division Chief, Pediatric Infectious Diseases, Brown Department of Pediatrics in 2020)
  - Mentor, Stephanie Lueckel, MD, Brown Department of Surgery, 2016-2020
  - Mentor, Maneesha Agarwal, MD, Children’s Healthcare of Atlanta, 2019-present
  - Mentor, Sadiqa Kendi, MD, Boston Medical Center, 2015-Present (recruited as Division Chief, Pediatric Emergency Medicine, Boston Medical Center in 2020)

- Mentor, Daniel Corwin, MD, MSCE, Children's Hospital of Philadelphia, 2018-Present
- Fellow and Resident
  - Co-Mentor, Rob Gakwaya, MD, Brown Department of Emergency Medicine Pediatric Emergency Medicine Fellow, "Pre-hospital triage and motor vehicle crash injury risk," 2022-present
  - Co-Mentor, Laura Bricklin, MD, Children's Hospital of Philadelphia Department of Anesthesiology and Critical Care Fellow, "Epidemiology and outcomes of patients with injuries admitted to the pediatric intensive care unit," 2022-present
  - Mentor, Julia Donner, MD, Brown Department of Pediatrics Resident, "Documented visio-vestibular examination for pediatric concussion patients," 2020-2022
  - Co-Mentor, Joshua Meyer, MD, Brown Department of Pediatrics Resident and Brown Department of Emergency Medicine Pediatric Emergency Medicine Fellow, 2021-2023
  - Mentor, Kelly Wong, MD, Brown Department of Emergency Medicine Resident, "Adult malpractice claims in the emergency department and urgent care settings," 2018-2021
  - Mentor, Laura Mercurio, MD, Brown Department of Pediatrics Resident and Brown Department of Emergency Medicine Pediatric Emergency Medicine Fellow, "Clinical practice guidelines for the febrile neonate," 2015-2020
  - Co-Mentor, Hoi See Tsao, MD, Brown Department of Emergency Medicine Pediatric Emergency Medicine Fellow, "Pre-hospital pain management for long bone fractures and burns," 2019-2021
  - Co-Mentor and Scholarship Oversight Committee Member, Anna Chin, MD, Brown Department of Pediatrics, Division of Endocrinology Fellow, "E-cigarette use in teenagers with diabetes," 2019-2021
  - Mentor and Scholarship Oversight Committee Member, Timothy Menz, MD, Brown Department of Pediatrics, Division of Gastroenterology Fellow, "Primary care providers' knowledge, attitudes, and beliefs regarding management of direct hyperbilirubinemia (cholestasis) in newborns," 2017-2019
  - Co-Mentor and Scholarship Oversight Committee Member, Meghan Fredette, MD, Brown Department of Pediatrics, Division of Endocrinology Fellow, "Physician reported barriers to insulin pump use," 2017-2019
  - Scholarship Oversight Committee Member, Nicole Muhlbauer, MD, Brown Department of Pediatrics, Division of Hematology and Oncology Fellow, "Material hardships in the leukemia survivor population," 2017-2019
  - Co-Mentor, Christopher Gaw, Children's Hospital of Philadelphia Pediatric Resident, "Pediatric healthcare provider perspectives on injury prevention counseling in acute and primary care settings," 2019-2020

- Mentor, Max Rubinstein, MD, Brown Department of Emergency Medicine Pediatric Emergency Medicine Fellow, “The necessity of additional radiographs for forearm fractures in children,” 2015-2018
- Mentor, Daniel Corwin, MD, Children’s Hospital of Philadelphia Division of Emergency Medicine Fellow, “Vestibular and oculomotor deficits in pediatric concussion,” 2015-2018
- Medical Student and Graduate Student
  - Co-Mentor, Boston University Masters of Public Health candidate, Megan Eberius, candidate 2024, “Statistical code for mapping International Classification of Diseases injuries to Abbreviated Injury Scale scores,” 2023
  - Co-Mentor, Master of Science in Population Medicine Thesis, Meghan McCarthy, ScM candidate 2024, “Characterizing the use of the CurrentCare database for pediatric populations,” 2020-present
  - Co-Mentor, Master of Science in Population Medicine Thesis, Jasmine Gibson, ScM candidate 2025, “Mental health emergency department visits among sexual minorities,” 2021-present
  - Mentor, Master of Science in Population Medicine Thesis, Christopher Halline, ScM candidate 2022, “An examination of general surgery residency programs with a rural track,” 2020-2022
  - Mentor, Master of Science in Population Medicine Thesis, Julia Solomon, MD, ScM candidate 2019, “Prevalence and Diagnosis of Chronic Health Conditions in Rhode Island 2011-2015,” 2015-2019
  - Mentor, Kimberly Glerum, MD candidate 2020, “Validation of an ICD-9-CM map and ICD-10-CM map to AIS 2005 update 2008”; “Pediatric Malpractice Claims in the Emergency Department and Urgent Care Settings From 2001 to 2015”; “Systematic review of child restraint system interventions (2007-2017),” 2016-2020
  - Co-Mentor, Master of Science in Population Medicine Thesis, Anna Delamerced, MD, ScM candidate 2020, “Appropriate use of narcotics in injured children: A childhood pain management study,” 2016-2021
  - Co-Mentor, Master of Science in Population Medicine Thesis, Yokarla Veras, MD, ScM candidate 2020, “Neighborhood risk factors for pediatric fall-related injuries: A retrospective analysis of a state-wide hospital network,” 2016-2020
  - Mentor, Master of Science in Population Medicine Thesis, Emily Derecktor, ScM candidate 2021, “Food insecurity in a pediatric community health center population,” 2017-2021
  - Co-Mentor, Douglas Roehler, PhD, “Factors associated with unrestrained young passengers in motor vehicle crashes,” 2017-2019

- Mentor, Master of Science in Population Medicine Thesis, Jeremiah Lowe, MD, ScM candidate 2021, “Disparities in length of stay for non-English primary language patients in the pediatric emergency department,” 2017-2021
- Co-Mentor, Master of Science in Population Medicine Thesis, Meagan Kozhimala, MD, ScM candidate 2021, “Protocols for the use of tranexamic acid in the prehospital setting,” 2017-2021
- Undergraduate
  - Mentor, Northeastern University Cooperative Education and Career Development, Mackenzie Ramsay, 2016

### **Perelman School of Medicine at the University of Pennsylvania**

- Fellow and Resident
  - Mentor, Kathryn Hall, Perelman School of Medicine Scholarly Pursuit Project, “Children with head injury triaged by a pediatric after-hours call center,” 2011-2012
  - Mentor and Scholarship Oversight Committee Member, Matthew Kirschen, MD, CHOP Department of Anesthesiology and Critical Care Medicine Fellow, 2012-2015
  - Mentor, Sadiqa Kendi, MD, CHOP Division of Emergency Medicine Fellow “Assessment of Safety Center Use at a Children's Hospital,” 2010-2013
  - Mentor, Melissa Martchek, MD, CHOP Division of Emergency Medicine Fellow, “Biomarker outcome predictors in the pediatric emergency department for TBI,” 2012-2013
  - Mentor, Daniel Corwin, MD, CHOP Pediatric Resident, “Specialty concussion management in a pediatric hospital network,” 2012-2015
  - Mentor, Jennifer Fishe, MD, CHOP Pediatric Resident, “Disparities in functional outcomes by race, ethnicity, and insurance status following pediatric injury-related inpatient rehabilitation;” “After-hours call center triage of pediatric head injury: outcomes after a concussion initiative,” 2012-2014
  - Mentor, Brandon Ku, MD, Surya Mundluru, MD, Proshad Nemati, MD, CHOP Senior Pediatric Resident Advocacy Project, “Concussion diagnosis and management: An assessment of resident knowledge,” 2012
  - Mentor, Brandon Ku, MD, CHOP Division of Emergency Medicine Fellow, “Role of vital signs, nutritional status, and disease process in mortality after discharge from a rural emergency department,” 2013-2018
  - Co-mentor, M. Kate Henry MD, Master of Science in Clinical Epidemiology Training, “Cervical spine injury in children with abusive head trauma,” 2013-2018
- Medical Student and Graduate Student



- Mentor, Maya Roberts, MD, MPH “Overweight Physicians During Residency Training,” 2006-2010
- Mentor, Benjamin Oshlag, Perelman School of Medicine Scholarly Pursuit Project, “Concussion management in a pediatric hospital emergency department,” 2011-2012
- Mentor, Christopher Gaw, Perelman School of Medicine Scholarly Pursuit Project and Summer Research Fellowship at the Center of Clinical Epidemiology and Biostatistics, “Emergency department visits for head trauma in the United States,” 2013-2015
- Mentor, Mark Magee, Perelman School of Medicine Scholarly Pursuit Project, “Reasons for head computed tomography for patients with head injury triaged as lower acuity in a pediatric emergency department,” 2013-2014
- Mentor, Katie Daves, Perelman School of Medicine Scholarly Pursuit Project, “Reasons for head computed tomography for patients with head injury triaged as lower acuity in a pediatric emergency department,” 2014-2015
- Mentor, Konny Kim, “Emergency department visits and neuroimaging for concussion patients,” 2013-2015
- Co-Mentor, Samantha Schoell, Doctoral Program in Biomedical Engineering, Wake Forest University School of Biomedical Engineering and Virginia Tech-Wake Forest University Center for Injury Biomechanics, Winston Salem, NC, 2015-2017
- Dissertation Advisory Committee Member, Rebeca Abajas Bustillo, Doctoral Program in Nursing, Universidad de Cantabria, Cantabria, Spain, 2014-2019
- Undergraduate Student
  - Mentor, Alexander McGinley, National Science Foundation Research Experience for Undergraduates Summer Internship “Minds Matter: Improving Pediatric Concussion Management,” 2011
  - Mentor, Melanie Ward, National Science Foundation Research Experience for Undergraduates Summer Internship “Child Restraint System Misuse in the Field and in Full-vehicle Crash Tests,” 2011
  - Mentor, Elizabeth Hedges, National Science Foundation Research Experience for Undergraduates “Age-related differences in disability following rehabilitation for traumatic injuries in children,” 2012
  - Mentor, Jessica Levy, BS, MS, Thomas Jefferson University Master of Public Health Clerkship, “The epidemiology of emergency department visits for concussion in the United States,” 2013
  - Mentor, Steven Scarfone, National Science Foundation Research Experience for Undergraduates Summer Internship “Head injury causation scenarios for child passengers in a school bus crash,” 2013

- Mentor, Alexandra Conway, National Science Foundation Research Experience for Undergraduates Summer Internship “School outcomes following TBI in children,” 2013
- Mentor, Marli Schecker, Drexel University Co-Op Internship, “Differences in functional outcomes by gender following pediatric injury-related inpatient rehabilitation,” 2012-2013
- Mentor, Nicholas Janigian, CHOP Research Institute Summer Scholars Program (CRISSP), “Spectator injuries and medical events at Major League Baseball stadiums,” 2014
- Mentor, Christina Stuart, CHOP Center for Injury Research and Prevention Summer Internship, “Developing a comprehensive concussion registry,” 2014
- Mentor, Alexandra Conway, CHOP Center for Injury Research and prevention Summer Internship and Brown University Senior Thesis “School outcomes following traumatic brain injury in children: evaluation of the BrainSTEPS (Strategies Teaching Educators, Parents and Students) program,” 2014-2015
- Mentor, Hannah Long, CHOP Research Institute Summer Scholars Program (CRISSP), “Comprehensive Concussion Registry and Genome Analysis,” 2015
- Mentor, Northeastern University Cooperative Education and Career Development, Julia Vanni, 2015

Pediatric Emergency Medicine Resident Education Day; Three-hour teaching session, twice yearly, 2007-2015

Preceptor, Core Pediatric Clerkship, Pediatrics 200, University of Pennsylvania School of Medicine, 2007-2015

Preceptor, Pediatric Emergency Medicine, Pediatrics 311, University of Pennsylvania School of Medicine, 2007-2015

Lecturer, Core Emergency Medicine Clerkship, Emergency Medicine 200, University of Pennsylvania School of Medicine, 2010-2015

Mentor, Biological Basis of Behavior 321, University of Pennsylvania, 2010-2012

Advisor, Biological Basis of Behavior 399 Independent Research Study, University of Pennsylvania, 2011-2012

Lecturer, Core Pediatric Clerkship, Pediatrics 200, “Evidence-based injury prevention advocacy: How to create and deliver an effective message,” University of Pennsylvania School of Medicine, 2012-2014

Faculty, Epidemiology and Biostatistics Course, Center for Clinical Epidemiology and Biostatistics, Perelman School of Medicine, University of Pennsylvania, 2014

Lecturer, Injury Prevention Workshop, Pediatric Pre-Intern Boot Camp, Perelman School of Medicine, University of Pennsylvania, 2015

## **HOSPITAL TEACHING ROLES**

### **Hasbro Children's Hospital/Rhode Island Hospital**

- Director, Injury Prevention Research Fellowship, Rhode Island Hospital/Hasbro Children's Hospital, 2023-present
- Director, Postgraduate Academic Career Development, Hasbro Children's Hospital, 2016-2022
- Lead, Pediatric Emergency Medicine Fellowship Informatics and Innovation Concentration, Brown Emergency Medicine and Hasbro Children's Hospital, Alpert Medical School of Brown University, 2018-present
- Instructor, Annual Pediatric Resident Advanced Airway Course, 2016-2019
- Preceptor, JAMA Critical Appraisal User's Guide to the Medical Literature pediatric residency conference series, 2019-2021
- Mentor, Brown Emergency Medicine Journal Club series, 2021-present

### **The Children's Hospital of Philadelphia**

- Lecturer, Fellows' Weekly Research Conference, 3-5 times annually, 2007-2015
- Teaching Fellow, 3 months per year, 2007-2010
- Instructor, Annual Resident Resuscitation Day: 2007-2010
- Instructor, Annual Suturing Workshop for Pediatric Interns, 2007-2010
- Instructor, Annual Splinting Workshop for Pediatric Interns, 2007-2010
- Instructor, Pediatric Advanced Life Support, 2007-2011
- Supervision of pediatric, emergency medicine, and family practice residents in the Emergency Department, 2007-Present
- Mentor, JAMA Critical Appraisal User's Guide to the Medical Literature series fellow presentations, 2010-2015
- Advisor, Pediatric Resident Teach Rotation, Children's Hospital of Philadelphia, 2012-2015
- Course Director, Critical Appraisal of the Medical Literature - Emergency Medicine, EPID 807, Center for Clinical Epidemiology and Biostatistics, Perelman School of Medicine, University of Pennsylvania, 2013-2015
- Course co-director, CHOP Division of Emergency Medicine Continuing Medical Education, 2013-2015

## **VOLUNTEERISM**

Pilgrim High School, Senior Exhibition Project Longitudinal Student Mentor, Warwick, RI, 2018-2019

Big Brothers Big Sisters of the Ocean State, Weekly Volunteer, The Compass School, Kingston, RI, 2017-2018

Meadowbrook Farms Elementary School Lunchtime, Annual Talent Show, and Special Event Volunteer, East Greenwich, RI, 2016-2020

The Metropolitan Regional Career and Technical Center High School, Career Advisor,

Providence, RI, 2016-2020

Hanaford Elementary School Special Event Volunteer, East Greenwich, RI, 2020-2022

East Greenwich Little League, Majors Softball, Assistant Coach, 2023