

Curriculum Vitae

Brad Sobolewski, MD, MEd

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Personal Data

Business Address Cincinnati Children's Hospital Medical Center
Division of Emergency Medicine
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Educator Portfolio BradSobolewski.com

Education

8/1996 – 5/2000 Washington & Jefferson College
Washington, PA
BA Biology, Magna Cum Laude

8/2000 – 5/2004 University of Pittsburgh School of Medicine
Pittsburgh, PA
Doctor of Medicine

6/2010 – 11/2013 University of Cincinnati
Cincinnati, OH
Master's in Medical Education

6/2004 – 6/2007 Cincinnati Children's Hospital Medical Center
Cincinnati, OH
Pediatric Residency

6/2007 – 6/2008 Cincinnati Children's Hospital Medical Center
Cincinnati, OH
Pediatric Chief Resident

7/2008 – 6/2011 Cincinnati Children's Hospital Medical Center
Cincinnati, OH
Pediatric Emergency Medicine Fellow

Academic Appointments

10/2023 – present Professor of Pediatrics (Professor Educator-AFF)

Division of Pediatric Emergency Medicine
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

- 3/2018 – present Associate Professor of Pediatrics
Division of Pediatric Emergency Medicine
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine
- 7/2011 – 3/2018 Assistant Professor of Pediatrics
Division of Pediatric Emergency Medicine
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine
- 5/2013 – 2018 Adjunct Assistant Professor of Pediatrics
University of Kentucky College of Medicine
- 6/2007 – 6/2008 Pediatric Chief Resident
Attending Physician General Pediatrics
Cincinnati Children's Hospital Medical Center
- 6/2007 – 6/2008 Clinical Instructor Inpatient Neurosurgery Service
Cincinnati Children's Hospital Medical Center

Licensing and Certification

Pediatrics - Initial Certification 10/16/2007
Pediatric Emergency Medicine - Initial Certification 4/9/2013
State Medical Board of Ohio – Issue Date 4/11/2007
DEA
Pediatric Advanced Life Support (Instructor)
CITI Training - Greater Cincinnati Academic and Regional Health Centers

Awards and Honors

Cincinnati Children's Faculty Research Team Award – February 9, 2024

Cincinnati Children's Faculty Junior Educational Achievement Award – February 18, 2022

EBSCO-PEMSOFT Award for Technological Innovations in Pediatric Emergency Medicine - 2016

Cincinnati Children's Faculty Teacher of the Year Award – 2011-2012

Cincinnati Children's Pediatric Resident Teaching Award - May-June 2005

Washington and Jefferson College
Alumni Prize for Original Undergraduate Research in the Life Sciences

Clinical Service

Clinical Expertise and Activities

I am a board-certified physician in Pediatric Emergency Medicine practicing at two sites at Cincinnati Children's Hospital Medical Center, the urban tertiary care Level One Trauma center at the Burnet location and the suburban Emergency Department at the Liberty Location. I supervise trainees, including residents, medical students, and fellows in Pediatric Emergency Medicine as well as Nurse Practitioners. I am responsible for patients in all levels and acuity of care within the ED, including resuscitation of critically ill and seriously injured patients in the Shock Trauma Suite.

I am a member of the Medical Resuscitation Committee and have participated in the development and maintenance of numerous algorithms for use in the Shock Trauma Suite of the Emergency Department at Cincinnati Children's. Our work was highlighted in a manuscript published in Pediatric Emergency Care. During bimonthly meetings we discuss issues germane to the care of critically ill patients in the resuscitation area, develop in situ simulations to identify latent safety threats and knowledge deficits, and to implement new care processes and algorithms. A full list of active algorithms can be found at MRC.PEMCincinnati.com, a website that I design and maintain.

Research and Scholarly Activities

The major themes of my research output have focused on online asynchronous learning (blogs, podcasts, and videos), digital scholarship, and the assessment of trainees. My most recent scholarly activities include work to define how we use online asynchronous materials to disseminate knowledge, and resident assessment, specifically Resident-Sensitive Quality Measures, and to the role of Clinical Competency Committees, and the use of electronic medical record data to provide practice habits data to our residents. I am also working on a systematic review of asynchronous online educational materials in pediatric respiratory infections, as well as the development of podcast curricula for Nurse Practitioners.

In addition to peer reviewed publications, case reports, book chapters, and other work I have been one of the leading voices in digital scholarship since 2011, with prodigious output in publishing online asynchronous educational materials. This includes 827 blog posts at PEMBlog.com, 113 podcast episodes of PEM Currents: The Pediatric Emergency Medicine Podcast, and dozens of videos. To reflect the breadth of my work in this domain a separate section of my CV entitled "Digital Scholarship" follows the "Research and Scholarly Activities" section.

Grants and Contracts

Current

1. **HRSA-19-052**

5% support between 8/31/2021 - 9/1/2022 - Total salary and fringe support = \$12,115.44

Scope of work: Additional effort is needed to support HOMERUN Dissemination activities such as participation in the PECARN Dissemination Working Group, packaging of the output from HOMERUN, monitoring and creating relevant content for social media, and develop and assist with the conduct of dissemination plans for HOMERUN investigator-initiated studies.

2. **EMSC: Network Development Demonstration Project**

2022-present - Total salary and fringe support \$10,000 per year

Scope of work: Funding to support the creation and dissemination of online asynchronous materials – specifically podcasts for the EMSC Innovation and Improvement Center.

Previous

3. **EMSC Innovation and Improvement Center**

\$2,000 annually provided for services to the advisory board, 2018 to 2021

Publications

Original Research Publications (Peer Reviewed)

1. Mack, DP, Dribin, Turner, P, Wasserman, Hanna, MA, Shaker, M, Tang, MLK, Rodríguez del Río, P, **Sobolewski, B**, Abrams, EM, Anagnostou, A, Arasi, S, Sakina, B, Bégin, P, Cameron, SB, Chan, ES, Chinthrajah, S, Clark, AT, Detjen, P, du Toit, G, Ebisawa, M, Elizur, A, Factor, JM, Greiwe, J, O’B Hourihane, J, Hughes, SW, Jones, DH, Muraro, A, Nowak-Wegrzyn, A, Patel, NB, Scurlock, AM, Shah, AN, Sindher, SB, Tilles, S, Vickery, BP, Wang, J, Windom, HH, Matthew Greenhawt, M. Preparing Patients for Oral Immunotherapy (PPOINT): International Delphi consensus for procedural preparation and consent, *Journal of Allergy and Clinical Immunology*, 2024, ISSN 0091-6749, <https://doi.org/10.1016/j.jaci.2024.02.019>.
2. Carson, B, **Sobolewski, B**, Bowen, F. Evaluating a Health Equity Podcast for Provider Practice Change: A Cross-sectional Study, *Journal of Pediatric Health Care*, Volume 38, Issue 2, 2024, Pages 194-202, ISSN 0891-5245, <https://doi.org/10.1016/j.pedhc.2023.11.007>.
3. Belfer J, Roskind C, Grock A, Jung JY, Bae S, Zhao L, **Sobolewski B**. Systematic online academic resource (SOAR) review: Pediatric respiratory infectious disease. *AEM Educ Train*. 2024; 8:e10945. doi:10.1002/aet2.10945
4. Shah AS, **Sobolewski B**, Chon S, Cruse B, Glisson MD, Zackoff MW, Davis D, Zhang Y, Schumacher DJ, Geis GL. Just-in-Time, Just-in-Place Virtual Training in the Pediatric Emergency Department: A Novel Approach to Impact the Perfusion Exam. *Adv Med Educ Pract*. 2023 Aug 18;14:901-911. doi: 10.2147/AMEP.S414022. PMID: 37614829; PMCID: PMC10443635.
5. Carson, R, **Sobolewski B**. Responsive Podcast Curriculum Development for Asynchronous Nurse Practitioner Students. *The Journal for Nurse Practitioners*, 2022. <https://doi.org/10.1016/j.nurpra.2022.04.008>
6. Gray JM, Schnadower D, Lafolette R, Shah AS, **Sobolewski B**. Going viral: a scoping

review of the current state and impact of online research dissemination in emergency medicine. Academic Emergency Medicine Education and Training. January 24, 2022. PMID: 35224409. <https://doi.org/10.1002/aet2.10725>.

7. Dribin TE, Schnadower D, Wang J, Camargo Jr. CA, Michelson KA, Shaker M, Rudders SA, Vyles D, Golden DBK, Spergel JM, Campbell RL, Neuman MI, Capucilli PS, Pistiner M, Castells M, Lee J, Brousseau DC, Schneider LC, Assa'ad AH, Risma KA, Mistry RD, Campbell DE, Worm M, Turner PJ, Witry JK, Zhang Y, **Sobolewski B**, Sampson HA. Anaphylaxis knowledge gaps and future research priorities: a consensus report. Journal of Allergy and Clinical Immunology. 2022 Mar;149(3):999-1009. doi: 10.1016/j.jaci.2021.07.035. Epub 2021 Aug 12. PMID: 34390722
8. Cramer N, Cantwell L, Ong H, Sivasankar SM, Graff D, Lawson S, Wilson P, Noorbakhsh K, Mickley M, Zuckerbraun NS, **Sobolewski B**, Soung J, Azhdam DB, Wagner Neville DN, Hincapie MR, Marin J. Pediatric Emergency Medicine Fellowship POCUS Training in 2020. Academic Emergency Medicine Education & Training. Volume5, Issue4. August 2021. e10643. PMID: 34568713. <https://doi.org/10.1002/aet2.10643>.
9. Lipshaw MJ, Zamor R, Carson R, Mallon D, **Sobolewski B**, Vukovic A, Kurowski E. Evidence-based Standardization of Constipation Management in the Emergency Department: A Quality Improvement Study. Pediatr Qual Saf. 2021 Mar-Apr; 6(2): e395. PMID: 33718750. doi: 10.1097/pq9.0000000000000395.
10. Morrison-Ponce D, Tomlinson S, **Sobolewski B**. FOAM Club: A Spin on the Traditional Journal Club Format Focused on Blogs and Podcasts. Academic Emergency Medicine Education and Training, 2020. PMID: 34027281. doi: 10.1002/aet2.10516
11. Loftus K, Schumacher D, Mittiga MR, McDonough E, **Sobolewski B**. A Descriptive Analysis of the Cumulative Experiences of Emergency Medicine Residents in the Pediatric Emergency Department. Academic Emergency Medicine Education and Training, 2020. PMID: 33796805. doi:10.1002/aet2.10462
12. Schumacher D, Martini A, **Sobolewski B**, Caraccio C, Holmboe E, Basari J, Poynter S, van der Vleuten C, Lingard L. Use of Resident-Sensitive Quality Measure Data in Entrustment Decision Making: A Qualitative Study of Clinical Competency Committee Members at One Pediatric Residency, Academic Medicine. 2020 Nov;95(11):1726-1735. PMID: 32324637. doi: 10.1097/ACM.00000000000003435.
13. Schumacher D, Holmboe E, Carraccio C, Martini A, van der Vleuten C, Busari J, **Sobolewski B**, Byczkowski TL. Resident-Sensitive Quality Measures in the Pediatric Emergency Department: Exploring Relationships With Supervisor Entrustment and Patient Acuity and Complexity. Academic Medicine. 2020 Aug;95(8):1256-1264. PMID: 32101934 doi: 10.1097/ACM.00000000000003242
14. Schumacher D, Martini A, Holmboe E, Caraccio C, van der Vleuten C, **Sobolewski B**, Busari J, Byczkowski T. Initial Implementation of Resident-Sensitive Quality Measures in the Pediatric Emergency Department: A Wide Range of Performance, Academic Medicine. 2020 Aug;95(8):1248-1255. doi: 10.1097/ACM.00000000000003147. PMID:

31913878

15. Mittiga MR, Frey M, Kerrey BT, Rinderknecht AS, Eckerle MD, **Sobolewski B**, Johnson LH, Oehler JL, Bennett BL, Chan S, Frey TM, Hoehn E, Krummen KM, Lindsay C, Wolfangel K, Masur TJ, Richert A, Bria CL, Geis GL. The Medical Resuscitation Committee: Interprofessional Program Development to Optimize Care for Critically Ill Medical Patients in an Academic Pediatric Emergency Department. *Ped Emerg Care*. 2019 Mar 14. PMID 30883536. doi:10.1097/PEC.0000000000001742.
16. Zackoff MW, Real FJ, DeBlasio D, Spaulding JR, **Sobolewski B**, Unaka N, Jerardi K, Klein M. Objective Assessment of Resident Teaching Competency through a Longitudinal, Clinically Integrated, Resident-as-Teacher Curriculum. *Acad Pediatr*. 2019 .doi:10.1016/j.acap.2019.01.011 PMID 30853578
17. **Sobolewski B**, Taylor RG, Geis GL, Kerrey BT. Resident Performance of the Rapid Cardiopulmonary Assessment in the Emergency Department. *Ped Emerg Care*. 2018 May 23. PMID: 29794959. doi:10.1097/PEC.0000000000001535.
18. Patel A, Unaka N, Holland D, Schuler C, Mangeot C, Sucharew H, Younts A, Maag L, Treasure J, **Sobolewski B**, Statile A. Increasing Physical Exam Teaching on Family-Centered Rounds Utilizing a Web-Based Tool. *Pediatric Quality and Safety*. 2017;2:e032. PMID: 28300656. doi:10.1097/pq9.0000000000000032.
19. Patel A, Unaka N, **Sobolewski B**, Statile A. Five Steps for Success in Building Your Own Educational Website. *Academic Pediatrics*. Volume 17, Issue 4, May–June 2017, Pages 345–348. PMID: 28300656. doi:10.1016/j.acap.2017.03.004.
20. Zackoff, M. W., DeBlasio, D., **Sobolewski, B.** and Klein, M. (2016), Implementation of point-of-care tools for assessment of teaching. *Med Educ*, 2016. 50: 1169. doi:10.1111/medu.13183. PMID: 27761997. doi:10.1111/medu.13183.
21. **Sobolewski, B**, Kerrey, BT, Geis, GL, Bria, CL, Mittiga, MR, Gonzalez del Rey, JG. The April Effect: A Novel Orientation Approach to Improve Rotation Transitions During Pediatric Residency. *Academic Pediatrics*, April 2016, Volume 16, Issue 3, Pages 220–223. PMID: 26875507. doi:10.1016/j.acap.2016.02.005.
22. Chang TP, Pham PK, **Sobolewski B**, Doughty CB, Jamal N, Kwan KY, Little K, Brenkert TE, Mathison DJ. Pediatric Emergency Medicine asynchronous e-learning: a multi-center randomized control Solomon-4-group study. *Academic Emergency Medicine*, 2014 Aug; 21(8):912-9. PMID: 25154469. doi:10.1111/acem.12434.
23. **Sobolewski B**, Richey L, Kowatch R, Grupp-Phelan J, Mental Health Follow-Up among Adolescents with Suicidal Behaviors after Emergency Department Discharge. *Archives of Suicide Research*, 2013;17(4):323-34. PMID: 24224667. doi:10.1080/13811118.2013.801807.
24. **Sobolewski BA**, Zgibor JC, Orchard TJ. ACE inhibitors and calcium channel blockers: patterns of use and associations with mortality in type I diabetes. *Diabetes Research*

and Clinical Practice. 2004 Jul; 65(1):37-43. PMID: 15163476.
doi:10.1016/j.diabres.2003.11.017.

Books, Chapters, Reviews, Case Reports, Guidelines (Peer-Reviewed)

1. Jones M, Dean P, **Sobolewski B**. Emergency Management of an Eyelid Zipper Injury in a Child. The Journal of Emergency Medicine, 2020 Mar;58(3):e153-e155. doi: 10.1016/j.jemermed.2019.11.040. Epub 2020 Jan 27.
2. Shah A, **Sobolewski B**, Mittiga, M. Chapter 14: Pediatrics. The Atlas of Emergency Medicine, 5th Edition. McGraw Hill, 2020.
3. Nistel M, Lee SH, Born H, Greinwald JH, Abdaljaleel M, **Sobolewski B**. The Girl With the Bleeding Earlobe Mass.. Pediatr Emerg Care. 2019. doi:10.1097/PEC.0000000000001809 PMID 30907848
4. Alwan R, Drake M, Gurria Juarez J, Emery KH, Shaaban AF, Szabo S, **Sobolewski B**. A Newborn With Abdominal Pain. Pediatrics Oct 2017, e20164267; DOI: 10.1542/peds.2016-4267. PMID: 2904242. doi:10.1542/peds.2016-4267.
5. **Sobolewski B**. Emergency Medicine Section: Med Study Pediatrics Core Curriculum, 8th Edition. The Med Study Corporation, 2017.
6. **Sobolewski B**, Mittiga, M, Gonzalez del Rey, J. Chapter 14: Pediatrics. The Atlas of Emergency Medicine, 4th Edition. McGraw Hill, 2016.
7. **Sobolewski B**. Emergency Medicine Section: Med Study Pediatrics Core Curriculum, 7th Edition. The Med Study Corporation, 2015.
8. Delgado A, **Sobolewski B**, Murtagh-Kurowski E. A tale of 2 torsions: Ovarian Torsion in Infants and Toddlers. Pediatric Emergency Care. 2013 Mar; 29(3):374-6. PMID: 23462396. doi:10.1097/PEC.0b013e31828547c3.
9. **Sobolewski B**, Grupp-Phelan, J, Marino, B. Chapter 20: The Critically Ill and Injured Child. Blueprints Pediatrics, 6th Edition. Lippincott Williams & Wilkins, 2013.
10. **Sobolewski BA**, Mittiga MR, Reed JL. Atlantoaxial rotary subluxation following minor trauma. Pediatric Emergency Care. 2008 Dec;24(12):852-6. PMID: 19092567. doi:10.1097/PEC.0b013e31818ea0d3.

Other Publications (Non-Peer Reviewed)

1. **Sobolewski B**. Febrile Seizures: Why They Happen and What to Do. January 19, 2023. <https://blog.cincinnatichildrens.org/healthy-living/febrile-seizures-a-parents-guide/>
2. **Sobolewski B**. Testicle Pain in Boys: Don't Wait, Act. January 4, 2023. <https://blog.cincinnatichildrens.org/safety-and-prevention/dont-mess-with-testicle-pain/>

3. **Sobolewski B.** Bronchiolitis: A New Parent's Guide to One of the Most Common Winter Illnesses. December 13, 2019. <https://blog.cincinnatichildrens.org/bronchiolitis:-a-new-parents-guide-to-one-of-the-most-common-winter-illnesses>
4. **Sobolewski B.** Febrile Seizures: A Parent's Guide. Cincinnati Children's Blog. April 16, 2019. <https://blog.cincinnatichildrens.org/healthy-living/febrile-seizures-a-parents-guide/>
5. **Sobolewski, B.** Don't Mess With Testicle Pain. Cincinnati Children's Blog. June 30, 2017. <https://blog.cincinnatichildrens.org/safety-and-prevention/dont-mess-with-testicle-pain/>
6. **Sobolewski B.** Social media, technology create new frontier in medical education. AAP News 2015; 36:34.PMID: N/A.
7. Senior Editor in Chief - The Pocket 2007-08 to 2023-25 editions
8. Pediatric Resident handbook at Cincinnati Children's Hospital Medical Center

In Press

None

Quality Review of Publications

Gray JM, Schnadower D, Lafolette R, Shah AS, **Sobolewski B.** Going viral: a scoping review of the current state and impact of online research dissemination in emergency medicine. Academic Emergency Medicine Education and Training. January 24, 2022. <https://doi.org/10.1002/aet2.10725>.

This scoping review represents the first effort to develop a model for research and new knowledge dissemination utilizing asynchronous online sources (FOAM) in conjunction with traditional vehicles. I was the senior author and mentored Dr. Gray through the entire process. This paper will serve as the structure for dissemination efforts for organizations such as PECARN and Choosing Wisely.

Total Citations (Past 5 Years): 1 – 1, 2022 – 0, 2023

Total Citations (Since Publication): 1

Carson, R, **Sobolewski B.** Responsive Podcast Curriculum Development for Asynchronous Nurse Practitioner Students. The Journal for Nurse Practitioners, 2022. <https://doi.org/10.1016/j.nurpra.2022.04.008>

I was the senior author, and mentor for this novel project focused on the creation and assessment of a podcast curriculum for Nurse Practitioner students. I mentored the PI on the construction of survey instruments as well as all aspects of study design. This paper was part of our ongoing work together and is supported by national presentations at conferences like The National Association of Pediatric Nurse Practitioners.

Total Citations (Past 5 Years): 3 – 2, 2022 – 1, 2023
Total Citations (Since Publication): 3

Morrison-Ponce D, Tomlinson S, **Sobolewski B**. FOAM Club: A Spin on the Traditional Journal Club Format Focused on Blogs and Podcasts. *Academic Emergency Medicine Education and Training*, 2020. doi: 10.1002/aet2.10516

Free open access medical education (FOAM) blogs and podcasts are an important part of medical education. In an effort to develop a conference format akin to the tried-and-true journal club, I developed a conference format that would teach the critical appraisal of blogs and podcasts using validated, evidence-based tools. I also created a one-stop website featuring all the materials that you would need to create such a conference at FOAM-Club.com.

Total Citations (Past 5 Years): 3 – 0, 2020 – 0, 2021 - 2, 2022 – 1, 2023
Total Citations (Since Publication): 3

Loftus K, Schumacher D, Mittiga MR, McDonough E, **Sobolewski B**. A Descriptive Analysis of the Cumulative Experiences of Emergency Medicine Residents in the Pediatric Emergency Department. *Academic Emergency Medicine Education and Training*, 2020. doi:10.1002/aet2.10462

This was a comprehensive analysis of the cumulative clinical experiences, including procedures, and patient and clinical characteristics of two classes of Emergency Medicine residents from the University of Cincinnati. I mentored Dr. Loftus in the development of a data dictionary, and through the development of our descriptive analysis which was the most detail oriented and broadly focused of its kind. We noted that despite the size and acuity of our hospital that Emergency Medicine residents still saw few resuscitations and performed few critical procedures. This study has implications for Emergency Medicine resident training in Pediatrics at small and large centers alike.

Total Citations (Past 5 Years): 4 – 0, 2020 – 1, 2021 - 2, 2022 – 1, 2023
Total Citations (Since Publication): 4

Schumacher D, Martini A, Holmboe E, Caraccio C, van der Vleuten C, **Sobolewski B**, Busari J, Byczkowski T. Initial Implementation of Resident-Sensitive Quality Measures in the Pediatric Emergency Department: A Wide Range of Performance, *Academic Medicine*. 2020 Aug;95(8):1248-1255. doi: 10.1097/ACM.0000000000003147. PMID: 31913878

Total Citations - 18 / 2020 – 2 / 2021 – 9 / 2023 – 7

Competency based medical education is entering a new era, one with broad based assessment of trainees, specifically entrustable professional activities. I was a key contributor on this project where we used actual patient data to define quality measure for the assessment of resident performance derived from the electronic medical record for asthma, bronchiolitis, closed head injuries, and gastroenteritis. The future of resident evaluation will include review of practice habits data in concert with faculty ratings and narrative assessments. This project is one of the early steps in that direction.

Total Citations (Past 5 Years): 20 – 2, 2020 - 9, 2021 – 8, 2022 – 1, 2023
Total Citations (Since Publication): 20

Schumacher D, Holmboe E, Carraccio C, Martini A, van der Vleuten C, Busari J, **Sobolewski B**, Byczkowski TL. Resident-Sensitive Quality Measures in the Pediatric Emergency Department: Exploring Relationships With Supervisor Entrustment and Patient Acuity and Complexity. *Academic Medicine*. 2020 Aug;95(8):1256-1264. PMID: 32101934 DOI: 10.1097/ACM.0000000000003242

This paper is a companion to our work to implement a system of competency measures using information derived from the electronic medical record. This project investigated 83 actual residents who cared for patients with asthma, bronchiolitis, and closed head injuries. We noted a wide range of our pre-defined quality indicators across encounters. This is the practical application of key metrics of evaluation in residents working in the ED, and represents an important step in our ongoing efforts to provide more robust and accurate assessment data for our trainees.

Total Citations (Past 5 Years): 21 – 1, 2019 – 1, 2020 - 7, 2021 – 11, 2022 – 1, 2023
Total Citations (Since Publication): 21

Mittiga MR, Frey M, Kerrey BT, Rinderknecht AS, Eckerle MD, **Sobolewski B**, Johnson LH, Oehler JL, Bennett BL, Chan S, Frey TM, Hoehn E, Krummen KM, Lindsay C, Wolfangel K, Masur TJ, Richert A, Bria CL, Geis GL. The Medical Resuscitation Committee: Interprofessional Program Development to Optimize Care for Critically Ill Medical Patients in an Academic Pediatric Emergency Department. *Ped Emerg Care*. 2019 Mar 14. (PMID 30883536). doi:10.1097/PEC.0000000000001742.

The Medical Resuscitation Committee is a multidisciplinary group within the Division of Emergency Medicine that focuses on the care of critically ill children of the Shock Trauma Suite of the Emergency Department at Cincinnati Children's. This paper details our work to develop algorithms and an educational platform that includes planned in situ simulations, educational conferences involving actual patient encounters in the resuscitation area, and an iterative improvement focused process.

Total Citations (Past 5 Years): 3 – 0, 2019 – 1, 2020 - 2, 2021 – 0, 2022 – 0, 2023
Total Citations (Since Publication): 3

Sobolewski B, Taylor RG, Geis GL, Kerrey BT. Resident Performance of the Rapid Cardiopulmonary Assessment in the Emergency Department. *Ped Emerg Care*. 2018 May 23. PMID: 29794959. doi:10.1097/PEC.0000000000001535.

Total Citations – 1 / 2021 - 1

This video review-based study of senior pediatric resident performance of the rapid cardiopulmonary assessment on actual patients in the resuscitation area of the Emergency Department. Resident performance of a complete examination and assessment of patients' airway, breathing and circulation was rare. I was the principal investigator in this project that helped define educational efforts (such as simulation

training) for the residents working in the ED at our institution in the years since its publication.

Total Citations (Past 5 Years): 1 – 0, 2019 – 1, 2020 - 0, 2021 – 0, 2022 – 0, 2023
Total Citations (Since Publication): 1

Sobolewski B, Kerrey BT, Geis GL, Bria CL, Mittiga MR, Gonzalez del Rey JG. The April Effect: A Novel Orientation Approach to Improve Rotation Transitions During Pediatric Residency. *Academic Pediatrics*, April 2016, Volume 16, Issue 3, Pages 220–223.
PMID: 26875507

This study detailed our efforts to develop an online orientation for residents rotating through the Emergency Department at Cincinnati Children’s Hospital Medical Center. Following a targeted needs assessment, we developed a multimedia orientation to address the challenges of orienting 30-40 residents from a multitude of training levels and programs to our ED. The current version is live at pemcincinnati.com/orientation. This study was also my master’s in education thesis. I learned quite a bit about the full process of curriculum design.

Total Citations (Past 5 Years): 4 – 0, 2019 – 1, 2020 - 2, 2021 – 1, 2022 – 0, 2023
Total Citations (Since Publication): 6

Chang TP, Pham PK, **Sobolewski B**, Doughty CB, Jamal N, Kwan KY, Little K, Brenkert TE, Mathison DJ. Pediatric Emergency Medicine asynchronous e-learning: a multi-center randomized control Solomon-4-group study. *Academic Emergency Medicine*, 2014 Aug; 21(8):912-9. PMID: 25154469. doi:10.1111/acem.12434.

This innovative project was one of my earliest efforts to investigate novel ways to educate trainees in the ED. This was a multi-site randomized intervention that was well coordinated and implemented. I was the site lead at Cincinnati Children’s and was responsible for the local IRB and project implementation and data collection. We found that residents can use online materials to supplement their learning and was produced in a time before the development of online training repositories that featured asynchronous materials.

Total Citations (Past 5 Years): 30 – 7, 2019 – 7, 2020 - 11, 2021 – 4, 2022 – 1, 2023
Total Citations (Since Publication): 59

Abstracts

1. Establishing the age at which children can apply a combat application tourniquet (CAT) for hemorrhage control
Chang C, Bosson N, Gausche-Hill, M, **Sobolewski B**, Schlesinger S, Williams M, Menninger R, Harun N, Zhang Y, Eckerle M
2023 AAP National Conference and Exhibition – Washington, DC
2. Systematic Online Academic Resource (SOAR) Review: Pediatric Respiratory Infectious Disease
Society for Academic Emergency Medicine 2023

3. Podium Presentation
Wu DTY, **Sobolewski B**, Kachelmeyer A, Nix J, Mai MV, Dziorny AC, Klein MD, Schumacher DJ. Deploying and Validating a Portable Informatics Application to Track Resident Clinical Experience in a Pediatric Academic Medical Center. Linking Informatics and Education Academic Forum (LIEAF), part of American Medical Informatics Association (AMIA) Annual Symposium. November 8, 2022. Washington, DC.
4. Virtual Poster Presentation – PAS 2021
Emergency Medicine
PEM Fellowship POCUS Training in 2020: A Cross-Sectional Survey of PEM Fellows and Leaders
5. Virtual Poster Presentation – 2020 AAP National Conference and Exhibition
Council on Quality Improvement and Patient Safety Program
Evidence-Based Standardization of Constipation Management in the Pediatric Emergency Department: A Quality Improvement Study
6. Poster Presentation – 2020 Pediatric Academic Society Meeting
Using Virtual Reality Just-in-Time/Just-in-Place (JITP) Simulation to improve accurate senior resident identification of shock during the rapid cardiopulmonary assessment
Shah A, **Sobolewski B**, Schumacher D, Geis G.
7. Poster Presentation – 2020 University of Michigan Health Professions Education Day
FOAM Club: A novel interactive conference format focused on the appraisal of blogs and podcast
Morrison-Ponce D, Tomlinson S, **Sobolewski B**
8. Poster Presentation – APPD 2020 Annual Spring Meeting
Use of resident-sensitive quality measure data to making an entrustment decision in a pediatric residency
Schumacher D, Martini A, **Sobolewski B**, Caraccio C, Holmboe E, Basari J, Poynter S, van der Vleuten C, Lingard L.
9. Poster Presentation – 2018 Pediatric Academic Society Meeting
Objective Assessment of a Resident-as-Teacher Curriculum Demonstrates Measurable Improvement in Teaching Competency
Zackoff M, DeBlasio D, **Sobolewski B**, Real FJ, Unaka N, Jerardi K, Klein M
10. Poster Presentation – APPD 2017 Annual Spring Meeting (National)
Including Pediatric Residents in a Standardized Process of Rapid Sequence Intubation in a Pediatric Emergency Department: A Pilot Program
Kerrey BT, **Sobolewski B**, Kopp T, Gonzalez del Rey JG.
11. Poster Presentation – AAP SOEM Committee for the Future Poster Session at the 2015 AAP National Conference and Exhibition (National)
A quartet of innovative solutions for procedure education in the Pediatric Emergency Department. **Sobolewski, B.**

12. Poster Presentation – AAP SOEM Committee for the Future Poster Session at the 2014 AAP National Conference and Exhibition (National)
Education in 140 characters or less: Asynchronous online learning in pediatric emergency medicine. **Sobolewski, B.**
13. Poster Presentation – APPD/COMSEP 2013 Combined Annual Spring Meeting (National)
A novel online multimedia rotation orientation for pediatric residents in the emergency department. **Sobolewski, B**, Kerrey, B, Geis G, Mittiga M, Bria C, Gonzalez del Rey, J.
14. Poster Presentation – 2010 American Academy of Pediatrics National Conference and Exhibition: San Francisco, CA (National)
Predictors of mental health follow up among adolescents with suicidal ideation after emergency department discharge. **Sobolewski, B**, Richey, L. Kowatch, R, Grupp-Phelan, J.
15. 2011 Boat Lectures - Cincinnati Children’s Hospital Medical Center: Cincinnati, OH (Local)
Predictors of mental health follow up among adolescents with suicidal ideation after emergency department discharge. **Sobolewski, B**, Richey, L. Kowatch, R, Grupp-Phelan, J.
16. Poster Presentation - 2001 American Diabetes Association Conference: Philadelphia, PA (National)
ACE inhibitors and calcium channel blockers: patterns of use and associations with mortality in type I diabetes. **Sobolewski BA**, Zgibor JC, Orchard TJ.

Media Appearances and Quotes

WLWT News: Fireworks Safety. July 4, 2023.

I was interviewed for tips of firework safety and appeared on the local news broadcast.

WLWT News Cincinnati: Trampolines, ATVs and sparklers: Children's Hospital stresses need for safety amid summer fun. Published May 31, 2023.

<https://www.wlwt.com/article/trampoline-atv-sparklers-safety-during-summer-cincinnati/44053215>

I was interviewed for an online and broadcast news piece on common summer injuries and safety tips for patients and families.

Wenner Moyer, M. Doctors Expect a ‘Huge Spike’ in Pediatric Injuries at Home. NY Times. Published March 26, 2020, Updated April 18, 2020.

<https://www.nytimes.com/2020/03/26/parenting/kids-injuries-coronavirus.html>.

Accessed 1/27/2022.

I was interviewed by the author and contributed multiple quotes discussing what types of injuries we may expect to see in the early stages of the COVID-19 pandemic during quarantine. I also provided recommendations for families to create structured time and offer safe activities.

Wenner Moyer, M. How Are My Kids Still Getting Sick in Lockdown?. Published June 24, 2020, Updated June 28, 2020.

<https://www.nytimes.com/2020/06/24/parenting/virus-kids-sick-quarantine-infection.html>. Accessed 1/27/2022.

I was interviewed by the author and was quoted about the general effectiveness of social distancing for preventing a wide array of illnesses, not just COVID-19

Digital scholarship & media

Since 2011 I have been one of the leading asynchronous online content producers in Pediatric Emergency Medicine and Emergency Medicine. My site is a PEM focused resource in the Free Open Access Medical Education (FOAM, #FOAMed) movement and my blog posts and podcasts are viewed by hundreds of people every day. My content follows the quality indicators defined by the METRIQ collaborative and is subject to both pre and post-publication peer review. In addition, I have personally designed and maintain multiple websites using the WordPress platform. Individual statistics and details are available upon request. I am skilled in the development and production of the following media.

- Website design and maintenance - WordPress platform
- Podcast production – GarageBand (Apple)
- Video production, cinematography, and editing – multiple formats, Final Cut Pro (Apple)
- Photoshop image editing and infographic development

Websites

PEMBlog

PEMBlog.com

2012 - Present

One of the first Pediatric Emergency Medicine educational blogs with greater than 1.28 million lifetime views since August 2012. The blog is focused on key topics in Pediatric Emergency Medicine and has afforded me the opportunity to mentor numerous trainees and colleagues in the creation of asynchronous online materials. It has also highlighted the work of colleagues in PEM and at Cincinnati Children's, as well as the work of organizations such as PECARN and the AAP Section on Emergency Medicine. [The social media index from Academic Life in Emergency Medicine lists PEMBlog as the 38th ranked Emergency Medicine site in the world, and the #2 Pediatric focused site.](#) It has also been recognized as [#12 on Feedspot's list of 80 Best Emergency Medicine Blogs and Websites.](#) [My Symplur healthcare social graph score is 51.71.](#) This is an index of my involvement in online healthcare conversations and places me in the 4th to 5th highest decile of all users on the platform. I have mentored dozens of trainees and taught them how to develop and publish online asynchronous content.

Readers are drawn to the site via (data as of February 14, 2023):

- Email subscriptions – 4,561 subscribers
- [Twitter via the @PEMTweets account](#) – 2,883 followers
- [Facebook page](#) – 879 followers
- RSS feed
- Organic searches
- WordPress follows

[Microsoft Excel File with list of all PEMBlog posts \(up to date as of 2/14/2023\)](#)

PEM Currents: The Pediatric Emergency Medicine Podcast

PEMCincinnati.com/podcasts

2013 - Present

PEM Currents: The Pediatric Emergency Medicine Podcast is one of the leading podcasts in Pediatric Emergency Medicine, featuring brief (15-20 minute) episodes focused on key topics in Pediatric Emergency Medicine. I produce each episode and edit and publish all the content. It is available on multiple platforms include Apple Podcasts, Google Play, Spotify, Stitcher and more including direct streaming of episodes on the podcast website and PEMBlog.com. It has been widely cited on educational websites and was named best Pediatric Emergency Medicine podcast in Academic Emergency Medicine. To date I have had almost 690,000 cumulative listens of my episodes. It has a 4.6 out of 5-star cumulative rating on Apple Podcasts. I have also mentored numerous trainees and colleagues in the creation of podcasts and have offered CME through Cincinnati Children's for multiple episodes. I have mentored dozens of trainees and taught them how to develop and publish online asynchronous content.

[Microsoft Excel File with list of all PEM Currents: The Pediatric Emergency Medicine Podcast episodes and listener statistics \(up to date as of 2/14/2023\)](#)

PEMPix

PEMPix.com

2017 - present

Online home of the AAP Section on Emergency Medicine's annual visual diagnosis competition. From 2017-2022 I was the coordinator and host of this highly anticipated annual presentation. I have innovated this educational activity by adding online posts at PEMBlog.com and developing a secure online portal for case submissions.

Pratt Lectures

PrattLectures.com

2021 – present

In response to the COVID-19 pandemic-imposed limitations on in person presentations I created the online portal for pediatric resident research presentations at the 2021 & 2022 Pratt Research Symposia. I developed an easy-to-follow template for the residents and mentored them in creating brief, focused research presentations that showcased their work.

FOAM Club

FOAM-Club.com

2019 - Present

An online all-in-one resource with everything that an educator would need to host a journal club style educational session focused on the critical appraisal of blogs and podcasts.

Pediatric Board Review Videos

PediatricBoardReviewVideos.com

2018 - Present

Online Board Review Series for Pediatric Residents at Cincinnati Children's. I filmed and edited all of the videos and built the website.

Pediatric Emergency Medicine Fellows Conference

PEMFellowsConference.com

2018 - Present

Landing page for the annual Pediatric Emergency Medicine Fellows Conference

Cincinnati Children's Medical Resuscitation Committee

MRC.PEMCincinnati.com

2013 - Present

Online resource for Shock Trauma Suite algorithms for the resuscitation area at Cincinnati Children's. This resource also features summaries of the evidence for select resources and is an up-to-date account of the collaborative efforts of the Medical Resuscitation Committee.

Cincinnati Children's Trauma Surgery Guidelines

Trauma.PEMCincinnati.com

2016 - Present

Online resource for Cincinnati Children's Hospital Medical Center Trauma Algorithms and Protocols. The site was viewed 4,775 times in 2022, 3,719 times in 2021, and tallies over 17,000 lifetime views.

EmergiQuiz

EmergiQuiz.com

2020 - Present

EmergiQuiz is the AAP Section on Emergency Medicine's annual case presentation competition that challenges the audience to think through the differential diagnosis for a complex case. Each year, 4 pediatric emergency medicine fellows are chosen from a large pool of submissions to present a case. I built this website from scratch to support the mission of the AAP SOEM when the COVID-19 pandemic made in person presentations an impossibility.

Online Guide to Emergency Medicine rotation evaluations for faculty at Cincinnati Children's

Evaluations.PEMCincinnati.com

Resource for resident evaluations for the ED Rotation

Physical Exam Toolkit

physicalexamtoolkit.com

Hospital Medicine based resource for teaching the physical exam during rounds.

Deprecated Websites

Online Orientation to the Emergency Department Rotation at Cincinnati Children's

PEMCincinnati.com/Orientation

Online orientation to the Emergency Department rotation for residents at Cincinnati Children's.

Residents as Teachers Curriculum

RATC.PEMCincinnati.com

Evaluation platform for the Residents as Teachers Curriculum

Videos

My self-produced and edited educational videos are hosted on [Vimeo](#) and [YouTube](#). I have amassed over 111,800 total views on Vimeo since June 2011 and 190,500 views on YouTube since 2015. They include both brief didactic presentations and procedural instruction. I have also produced instructional videos for the evaluation of residents at Cincinnati Children's, an online orientation to the ED rotation, a virtual tour of the Burnet campus, and a series of videos for residency recruitment. I produced a series of instructional procedure videos for the AAP's PediaLink. Topics include IV insertion, Intramuscular and Subcutaneous Injections, Bag Mask Ventilation, UVC, Splinting, Lumbar Puncture and Endotracheal Intubation.

[Cumulative statistics for my videos hosted on Vimeo and YouTube \(up to date as of 2/14/2023\)](#)

Quality Review of Videos

PEMPix 2021

<https://vimeo.com/pemcincinnati/pempix2021>

Published October 2021

112 lifetime views

This video version of the annual AAP National Conference and Exhibition presentation was streamed live to attendees. I recorded the presentation in front of a green screen in my office simultaneously with a recorded PowerPoint slide show. I added titles, graphics, music, and interludes all in the spirit of the classic 1980s videogame Punch-Out!! Attendees were able to engage with me via the online chat, and still had the opportunity to guess the diagnosis for the ten cases presented. View counts are only for Vimeo and represent people that have watched the presentation after its initial airing at the AAP NCE. Data from the AAP's streaming service is not available to presenters.

Virtual Tour of the Cincinnati Children's Burnet Campus

<https://youtu.be/PTFUdCi1u7Q>

Published in July 2021, Updated August 2022

1,576 lifetime views

In conjunction with Cincinnati Children's GME I created a virtual video tour of the Burnet campus of our hospital. I edited together footage that I filmed with Cincinnati Children's marketing footage and wrote and recorded the narration. This video is shown to applicants to many positions at Cincinnati Children's in advance of their interviews – specifically our residency program and fellowships.

Orientation to the Shock Trauma Suite at Cincinnati Children's

<https://vimeo.com/pemcincinnati/traumabayorientation>

Published June 2012

1,163 lifetime views

This is one of the first major training videos I produced at Cincinnati Children's and has long been the de factor video orientation to provider roles in the Shock Trauma Suite (resuscitation area) in the Emergency Department at Cincinnati Children's. It is watched by residents, fellows, nurses, surgeons, trauma team members, and other members of the health care team prior to them working in the trauma bay.

Hospital Medicine Board Review Presentations

Procedural Sedation - <https://vimeo.com/pemcincinnati/hmboardreviewsedation>

Injuries and Exposures - <https://vimeo.com/pemcincinnati/hmboardreviewtox>

This duo of virtual presentations was created for the Cincinnati Children's Hospital Medicine virtual Board review Course. All too often recorded presentations lack the level of engagement of in-person didactic teaching. I attempted to recreate that feel and include a level of polish not typically seen in these types of videos by editing together a recorded audio PowerPoint presentation, with footage of me in front of a green screen, along with titles and graphics.

Reduction of the dislocated patella

<https://www.youtube.com/watch?v=57dGvS4JL4k>

Published November 2015

171,215 lifetime views

This brief procedural tutorial is one of my most watched videos on YouTube. It succinctly details how to reduce a dislocated patella and is a good example of the “teach one thing” philosophy of online educational videos.

The Pupil Exam in Altered Mental Status

<https://www.youtube.com/watch?v=f5Lq00OYXtY>

Published November 2015

1,246 lifetime views

This brief video is an animation that I created and details some of the pupillary findings that are seen in patients with altered mental status. It is an example of the types of animations that I can create to demonstrate physical exam findings.

PediaLink: Lumbar Puncture

<https://vimeo.com/pemcincinnati/lp>

Published June 2013

5,235 lifetime views

This is a more standard educational video that I created as a part of a series for the AAP's PediaLink educational platform. It combines titles, narration, graphics, and simulated footage of a lumbar puncture filmed from multiple angles simultaneously.

PRECISE-ED Anaphylaxis study videos

<https://vimeo.com/showcase/8874289>

Published Fall 2021

I produced a series of training and introductory videos for the PRECISE-ED anaphylaxis study in conjunction with Tim Dribin. The video footage is an edited recording of a Zoom call, overlaid with graphics and text to create a more polished presentation. I was present during the Zoom call and produced the videos virtually.

Podcast Guest Episodes

1. Sobolewski B, and Behar S. How To Teach Your Trainees So They Actually Learn. Chapter 5. Peds RAP. June 2023. <https://www.hippoed.com/pedsrap/podcast/Things-that-go-bump-in-the-neck/summary>.

An episode of the popular Peds RAP monthly podcast from Hippo Med. My conversation with Sol Behar, MD focused on educational approaches and theory from the perspective of an educator who teaches a community of

learners in the Emergency Department.

2. Cincinnati Children's Young & Healthy Podcast: Emergency Care or Urgent Care? Learn the Basics to Be Ready, May 26, 2023
<https://youngandhealthy.podbean.com/e/emergency-care-or-urgent-care-learn-the-basics-to-be-ready/>
An episode recorded with Pediatric Emergency Medicine fellow, and Hannah Carron, discussing how parents can make the decision to call 911, go to the Emergency Department, Urgent care, or utilize a virtual care option.
3. Cincinnati Children's Young & Healthy Podcast: First Aid: Skill to Save a Life. February 3, 2023
<https://youngandhealthy.podbean.com/e/first-aid-skills-to-save-a-life/>
An episode recorded with Pediatric Emergency Medicine fellow, and mentee Cindy Chang, discussing CPR, AEDs, bleeding control, and our work to educate children in one of our local school districts.
- 323 listens as of 3-13-2023
4. Cincinnati Children's Young & Healthy Podcast: Parents, We Need Your Attention: Babies and Kids are Sick, Children's Hospitals are Full, Wait Times are Long. November 11, 2022. <https://www.podbean.com/ew/pb-zah4t-13108aa>
An episode recorded with Dr. Patty Manning-Courtney, and Dr. Felicia Scaggs-Huang that provides guidance for parents whose children are sick with bronchiolitis.
- 817 listens as of 3-13-2023
5. Woods, J. Episode 5: Establishing an Education Brand with Brad Sobolewski. Little Big Med. Published January 11, 2018. <http://www.littlebigmed.com/educationbranding/>. Accessed 1/27/2022.
This episode of my mentee, Jason Wood's, podcast was focused on creating an education brand online. It included information on consistent voice and visual identity as well as how I got started in FOAM.

Guest Publications

I authored a series of professional development focused articles for the now deprecated PEM Network Blog and PEMFellows.com website.

Sobolewski B. A job within a job: residency rotation director January 22, 2015,
<http://www.pemfellows.com/blog/a-job-within-a-job-residency-rotation-Director/>

Sobolewski B. Getting testy: parents who demand tests in the ED and doctors who may or may not order them. February 26, 2015 <http://www.pemfellows.com/blog/getting-testy-parents-who-demand-Tests-in-the-ed-and-doctors-who-may-or-may-not-order-them/>

Sobolewski B. Helping fellows bring angry parents back from the brink. April 28, 2015
[\(http://www.pemfellows.com/blog/helping-fellows-bring-frustrated-parents-Back-from-the-brink/](http://www.pemfellows.com/blog/helping-fellows-bring-frustrated-parents-Back-from-the-brink/)

Sobolewski, B. More Nurse Practitioners nationwide: Is your ed on board? June 2, 2015 (<http://www.pemfellows.com/blog/more-nurse-practitioners-nationwide-is-Your-ed-on-board/>)

Sobolewski B. How APRNs complement a PEM training program. July 7, 2015 (<http://www.pemfellows.com/blog/how-aprns-complement-a-pem-training-Program/>)

Sobolewski B. Just the facts: assessing how trainees gather info. August 25, 2015 (<http://www.pemfellows.com/blog/getting-better-ed-histories-using-Pediatric-milestones/>)

Sobolewski, B. What's the plan, man? Assessing how trainees develop the plan of care. September 15, 2015 (<http://www.pemfellows.com/blog/whats-the-plan-man-assessing-how-trainees-develop-the-plan-of-care/>)

Teaching and Mentoring

Learners

Residents

In the ED at Cincinnati Children's, I precept residents from the Cincinnati Children's Pediatric Residency Training Program as well as those from the University of Cincinnati Emergency Medicine Residency and other residents rotating from outside institutions. I also support the residents of our pediatric residency program as one of our Associate Program Directors.

Pediatric Emergency Medicine Fellows

I supervise fellows in the Emergency Department specifically overseeing patient care, ED flow coordination and supervision of residents.

Online Asynchronous Educational Content

Since 2012 I have been one of the leading asynchronous online content producers in Pediatric Emergency Medicine and Emergency Medicine. My site is a PEM focused resource in the Free Open Access Medical Education (FOAM, #FOAMed) movement and my blog posts and podcasts are viewed by hundreds of people every day. I have mentored and inspired dozens of residents, fellows, and faculty physicians in the production of podcasts and the authoring of blog posts. This process involves multiple meetings focused on topic selection, learning objective development, writing/scripting, and formatting for blog posts, and audio production for podcast episodes.

I have mentored and offered structured and ad hoc advice several colleagues that have gone on to start their own podcasts and blogs. My mentoring efforts included both content and technical support.

Joshua Belfer, MD – [Doctors are People Too](#)

Rebecca Carson, DNP, APRN, CPNP-PC/AC – [The Peds NP Podcast](#)

Jason Woods, MD – [Little Patients, Big Medicine](#)

Joseph Finney, MD – [The Pediatric EMS Podcast](#)

Jeff Hill, MD – [Taming the SRU](#) – The University of Cincinnati Emergency Medicine Blog

Rebecca Yang, MD – [The MCG Pediatric Podcast](#)

PEMBlog – mentored articles

Carter, Bryce, How to succeed on your next Lumbar Puncture, PEMBlog, Published 8/23/16, <https://pemcincinnati.com/blog/succeed-next-lumbar-puncture/>, Accessed 2/14/2023.

Davis, Stephanie, Unsure about sedating your patient? Ask a Child Life Specialist, PEMBlog, Published 9/14/16, <https://pemcincinnati.com/blog/unsure-sedating-patient-ask-child-life-specialist/>, Accessed 2/14/2023.

Innis, Katherine, All wrapped up: Hair tourniquet management in the ED, PEMBlog, Published 12/22/16, <https://pemcincinnati.com/blog/all-wrapped-up-hair-tourniquet-management-in-the-ed/>, Accessed 2/14/2023.

Ferree-Chavez, Allison, Removing foreign bodies in the external auditory canal, PEMBlog, Published 2/7/17, <https://pemcincinnati.com/blog/removing-foreign-bodies-in-the-external-auditory-canal/>, Accessed 2/14/2023.

Ferree-Chavez, Allison, Removing earrings embedded in the ear lobe, PEMBlog, Published 2/8/17, <https://pemcincinnati.com/blog/removing-earrings-embedded-in-the-ear-lobe/>, Accessed 2/14/2023.

Jeffreys, Kristen, Cath or bag? Bag then cath? Urine testing options in the ED, PEMBlog, Published 3/3/17, <https://pemcincinnati.com/blog/two-step-urinalysis/>, Accessed 2/14/2023.

Rochford, Laura, Ultrasound assisted lumbar puncture in children, PEMBlog, Published 4/19/17, <https://pemcincinnati.com/blog/ultrasound-assisted-lumbar-puncture-in-children/>, Accessed 2/14/2023.

Dean, Preston, Community acquired pneumonia: Labs, PEMBlog, Published 6/6/17, <https://pemcincinnati.com/blog/community-acquired-pneumonia-labs/>, Accessed 2/14/2023.

Daniels, Liz, Thoughts from the bedside on antibiotics and I&D for abscesses, PEMBlog, Published 8/29/17, <https://pemcincinnati.com/blog/thoughts-from-the-bedside-on-antibiotics-and-id-for-abscesses/>, Accessed 2/14/2023.

Endres, Ashley, How to Replace a Dislodged or Malfunctioning G-tube, PEMBlog, Published 1/16/18, <https://pemcincinnati.com/blog/g-tube/>, Accessed 2/14/2023.

Gray, James, Should we be prescribing probiotics for gastroenteritis?, PEMBlog, Published 12/13/18, <https://pemcincinnati.com/blog/should-we-be-prescribing-probiotics-for-gastroenteritis/>, Accessed 2/14/2023.

Gray, James, Should I really have admitted that kid with anaphylaxis?, PEMBlog, Published 2/19/19, <https://pemcincinnati.com/blog/should-i-really-have-admitted-that-kid-with->

anaphylaxis/, Accessed 2/14/2023.

Cramer, Natan, Facts on the Ground: Meningitis and Encephalitis are rare in complex febrile seizures without worrisome symptoms, PEMBlog, Published 4/10/19, <https://pemcincinnati.com/blog/facts-on-the-ground-meningitis-and-encephalitis-are-rare-in-complex-febrile-seizures-without-worrisome-symptoms/>, Accessed 2/14/2023.

Cramer, Natan, Facts on the Ground: Do IVs placed by ultrasound last longer?, PEMBlog, Published 4/24/19, <https://pemcincinnati.com/blog/facts-on-the-ground-do-ivs-placed-by-ultrasound-last-longer/>, Accessed 2/14/2023.

Cramer, Natan, Facts on the Ground: Does specific gravity impact diagnosis of UTIs?, PEMBlog, Published 5/8/19, <https://pemcincinnati.com/blog/facts-on-the-ground-does-specific-gravity-impact-diagnosis-of-utis/>, Accessed 2/14/2023.

Cramer, Natan, Facts on the Ground: Does Optic Nerve Ultrasound Reliably Predict Ventriculoperitoneal Shunt Failure?, PEMBlog, Published 5/24/19, <https://pemcincinnati.com/blog/optic-nerve-ultrasound-shuntmalfunction/>, Accessed 2/14/2023.

Cramer, Natan, Facts on the Ground: Do radiographic features of community acquired pneumonia align with clinical findings and labs?, PEMBlog, Published 6/7/19, <https://pemcincinnati.com/blog/facts-on-the-ground-do-radiographic-features-of-community-acquired-pneumonia-align-with-clinical-findings-and-labs/>, Accessed 2/14/2023.

Rixe, Nancy, Facts on the Ground: Take a step back and review step by step, PEMBlog, Published 6/19/19, <https://pemcincinnati.com/blog/facts-on-the-ground-take-a-step-back-to-review-step-by-step/>, Accessed 2/14/2023.

Odame, Jodie, Playing the Field: A Review of Local Anesthetic Infiltration Technique, PEMBlog, Published 7/18/19, <https://pemcincinnati.com/blog/playing-the-field-a-review-of-local-anesthetic-infiltration-technique/>, Accessed 2/14/2023.

Cramer, Natan, Facts on the Ground: Do all pediatric syncope patients need an EKG?, PEMBlog, Published 8/14/19, <https://pemcincinnati.com/blog/facts-on-the-ground-do-all-pediatric-syncope-patients-need-an-ekg/>, Accessed 2/14/2023.

Landzberg, Elizabeth, Facts on the Ground: What attributes do effective disaster responders possess?, PEMBlog, Published 9/4/19, <https://pemcincinnati.com/blog/facts-on-the-ground-what-attributes-do-effective-disaster-responders-possess/>, Accessed 2/14/2023.

Finkel, Leah, Hypertension in the Pediatric Emergency Department, PEMBlog, Published 9/12/19, <https://pemcincinnati.com/blog/hypertension-in-the-pediatric-emergency-department/>, Accessed 2/14/2023.

Cramer, Natan, Facts on the Ground: Normal saline or lactated ringer's and mortality in pediatric sepsis, PEMBlog, Published 9/25/19, <https://pemcincinnati.com/blog/facts-on-the-ground-normal-saline-or-lactated-ringers-and-mortality-in-pediatric-sepsis/>, Accessed 2/14/2023.

Cafferty, Rachel, EmergiQuiz: Congenital Syphilis, PEMBlog, Published 10/26/19, <https://pemcincinnati.com/blog/emergiquiz-congenital-syphilis/>, Accessed 2/14/2023.

Hooft, Aneka, EmergiQuiz: Acute abdominal pain - beyond the basics, PEMBlog, Published 10/26/19, <https://pemcincinnati.com/blog/emergiquiz-acute-abdominal-pain-beyond-the-basics/>, Accessed 2/14/2023.

Lott, Baillie, EmergiQuiz: Cut the (hyper)tension, PEMBlog, Published 10/26/19, <https://pemcincinnati.com/blog/emergiquiz-cut-the-hypertension/>, Accessed 2/14/2023.

Schubert, Gena, EmergiQuiz: Myasthenia Gravis, PEMBlog, Published 10/26/19, <https://pemcincinnati.com/blog/emergiquiz-myasthenia-gravis/>, Accessed 2/14/2023.

Cramer, Natan, Facts on the Ground: Intranasal ketamine is just as good as intranasal fentanyl for fractures, PEMBlog, Published 10/30/19, <https://pemcincinnati.com/blog/facts-on-the-ground-intranasal-ketamine-is-just-as-good-as-intranasal-fentanyl-for-fractures/>, Accessed 2/14/2023.

Sahai, Archit, "Strep, flu, or mono and right lower quadrant pain: Do you need an ultrasound?", PEMBlog, Published 4/15/20, <https://pemcincinnati.com/blog/strep-flu-mono-and-right-lower-quadrant-pain-do-you-need-an-ultrasound/>, Accessed 2/14/2023.

Ren, Dennis, Fracture Fridays: Pelvic Avulsion Fractures, PEMBlog, Published 12/3/21, <https://pemcincinnati.com/blog/fracture-fridays-pelvic-avulsion-fractures/>, Accessed 2/14/2023.

PEM Currents: The Pediatric Emergency Medicine Podcast – mentored episodes

Dean, P, Rapid Sequence Intubation, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 9/29/17, <http://www.pemcincinnati.com/podcasts/?p=322>, Accessed 2/14/2023.

Gray, J, Schnadower, D, Sobolewski, B, Probiotics for Gastroenteritis, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 12/12/18, <http://www.pemcincinnati.com/podcasts/?p=467>, Accessed 2/14/2023.

Pfarr, M, Stroke in Adults, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 4/22/20, <http://www.pemcincinnati.com/podcasts/?p=700>, Accessed 2/14/2023.

Shore, D, Pulmonary Embolism, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 5/14/20, <http://www.pemcincinnati.com/podcasts/?p=716>, Accessed 2/14/2023.

Burger, B, Delirium, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 6/9/20, <http://www.pemcincinnati.com/podcasts/?p=733>, Accessed 2/14/2023.

Mazor, S, Toxicology Season 1 Episode 1: General approach to the poisoned patient, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 9/22/20, <http://www.pemcincinnati.com/podcasts/?p=762>, Accessed 2/14/2023.

Mazor, S, Toxicology Season 1 Episode 2: Decontamination and Elimination, PEM Currents:

The Pediatric Emergency Medicine Podcast, Published, 9/29/20, <http://www.pemcincinnati.com/podcasts/?p=774>, Accessed 2/14/2023.

Mazor, S, Toxicology Season 1 Episode 3: Acetaminophen, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 10/6/20, <http://www.pemcincinnati.com/podcasts/?p=778>, Accessed 2/14/2023.

Mazor, S, Toxicology Season 1 Episode 4: Salicylates, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 10/13/20, <http://www.pemcincinnati.com/podcasts/?p=784>, Accessed 2/14/2023.

Mazor, S, Toxicology Season 2 Episode 1: Opioids, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 3/2/21, <http://www.pemcincinnati.com/podcasts/?p=823>, Accessed 2/14/2023.

Mazor, S, Toxicology Season 2 Episode 2: Marijuana, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 3/9/21, <http://www.pemcincinnati.com/podcasts/?p=825>, Accessed 2/14/2023.

Mazor, S, Toxicology Season 2 Episode 3: Nicotine, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 3/16/21, <http://www.pemcincinnati.com/podcasts/?p=828>, Accessed 2/14/2023.

Finney, J, Drowning, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 5/12/21, <http://www.pemcincinnati.com/podcasts/?p=847>, Accessed 2/14/2023.

Ireson, E, Curtis, E, Magnet Ingestions, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 5/19/21, <http://www.pemcincinnati.com/podcasts/?p=849>, Accessed 2/14/2023.

Stanton, B, Concussions, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 9/1/21, <https://www.pemcincinnati.com/podcasts/?p=893>, Accessed 2/14/2023.

Ireson, E, Firearm Safety, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 10/27/21, <http://www.pemcincinnati.com/podcasts/?p=908>, Accessed 2/14/2023.

Gupta, K, Intussusception, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 2/11/22, <https://www.pemcincinnati.com/podcasts/?p=960>, Accessed 2/11/22.

Mazor, S, Toxicology Season 3 Episode 1: Bupropion. PEM Currents: The Pediatric Emergency Medicine Podcast, Published 4/12/22, <http://pemcincinnati.com/blog/toxicology-podcast-season-3-begins-with-an-episode-on-bupropion/>, Accessed 4/27/2022.

Mazor, S, Toxicology Season 3 Episode 2: Calcium Channel Blockers. PEM Currents: The Pediatric Emergency Medicine Podcast, Published 4/12/22, <http://pemcincinnati.com/blog/toxicology-podcast-season-3-continues-with-an-episode-on-calcium-channel-blocker-ingestions/>, Accessed 4/27/2022.

Mazor, S, Toxicology Season 3 Episode 1: Iron. PEM Currents: The Pediatric Emergency

Medicine Podcast, Published 4/12/22, <http://pemcincinnati.com/blog/toxicology-podcast-season-3-concludes-with-an-episode-on-iron-ingestions/>, Accessed 4/27/2022.

Curriculum Development and Educational Materials

Choosing Wisely Pediatric Emergency Medicine Dissemination

Choosing Wisely In August and September 2023 content experts from Choosing Wisely, Brad Sobolewski, the creator of PEMBlog and PEM Currents: The Pediatric Emergency Medicine Podcast, along with Spyridon Karageorgos and Andy Tagg from Don't Forget the Bubbles along with a host of other medical professionals, including Pediatric Emergency Medicine fellows at Cincinnati Children's, came together to create a series of blog articles, videos, podcast episodes, infographics and more to promote the Choosing Wisely recommendations for Pediatric Emergency Medicine. This evidence-based list of five common pediatric conditions seen frequently in emergency care settings feature opportunities for clinicians and families to partner to safely avoid unnecessary tests. Each of the recommendations has the following:

- A podcast episode on PEM Currents: The Pediatric Emergency Medicine Podcast
- A blog article from PEMBlog
- A blog article from Don't Forget the Bubbles
- Videos

We hope that these materials will serve as content that can help you disseminate knowledge related to common practices in the Emergency Department. They can serve as supplements to education, or the educational content in Quality Improvement projects. We spread the content across multiple formats to assure that learners can access the materials in their preferred format. Inclusion of Don't Forget the Bubbles in the campaign is designed to spur conversations in these domains across the globe.

The full published curriculum is at ChoosingWisely.PEMBlog.com. Individual work product is listed by Choosing Wisely recommendation below:

Do not obtain radiographs in children with bronchiolitis, croup, asthma, or first-time wheezing

- [Do children with bronchiolitis, croup, asthma, or first-time wheezing need a chest XRay - PEM Currents: The Pediatric Emergency Medicine Podcast 8/29/2023](#)
- [You don't need X-Rays in a child with bronchiolitis, croup, asthma, or first time wheezing - PEMBlog 8/30/2023](#)
- [Choosing Wisely – Radiographs in children with respiratory symptoms - Don't Forget the Bubbles 8/31/2023](#)
- [YouTube Video - Most children with respiratory illnesses don't need X-Rays](#)
- [YouTube Video - A classic educational video about the dangers of Repetitive Read Syndrome 9/1/2023](#)

Do not obtain screening laboratory tests in the medical clearance process of pediatric patients who require inpatient psychiatric admission unless clinically indicated

- [Do we need labs to medically clear a patient for psych admission? - PEM Currents: The Pediatric Emergency Medicine Podcast 9/5/2023](#)
- [You don't need labs to medically clear a psych patient - PEMBlog 9/6/2023](#)
- [Don't Forget the Bubbles - Choosing Wisely – Investigations for Paediatric Patients presenting with Psychiatric Symptoms 9/7/2023](#)
- [YouTube Video - Do we really need labs to medically clear a pediatric psych patient? 9/8/2023](#)

Do not order laboratory testing or a CT scan of the head for a pediatric patient with an unprovoked, generalized seizure or a simple febrile seizure who has returned to baseline mental status

- [Do we need labs or a head CT after simple febrile or unprovoked seizures? - PEM Currents: The Pediatric Emergency Medicine Podcast 9/12/2023](#)
- [You don't need labs or CT scans in children who have recovered after a simple febrile or first time seizure - PEMBlog 9/13/2023](#)
- [Choosing Wisely – Investigations for Seizures that have Returned to Baseline - Don't Forget the Bubbles 9/14/2023](#)
- [YouTube Video - Children who have a febrile seizure or first time generalized seizure don't need labs or CT scans 9/15/2023](#)

Do not obtain abdominal radiographs for suspected constipation

- [Constipation: Diagnosis, X-Rays, and more - PEM Currents: The Pediatric Emergency Medicine Podcast 9/19/2023](#)
- [Choosing Wisely – Radiographs in Children with Suspected Constipation - PEMBlog 9/20/2023](#)
- [Choosing Wisely – Radiographs in Children with Suspected Constipation - Don't Forget the Bubbles 9/21/2023](#)
- [YouTube Video - Constipation: Do we really need X-Rays? 9/22/2023](#)

Do not obtain comprehensive viral panel testing for patients who have suspected respiratory viral illnesses

- [Respiratory viral panels - PEM Currents: The Pediatric Emergency Medicine Podcast - 9/26/2023](#)
- [You don't need to order comprehensive viral panels for most patients - PEMBlog - 9/27/2023](#)
- [Choosing Wisely – Viral Respiratory Panels in Children With Respiratory Symptoms - Don't Forget the Bubbles - 9/28/2023](#)
- [YouTube Video - Do we need comprehensive respiratory viral panels: Tips for talking with patients and families - 9/29/2023](#)

EMSC Innovation and Improvement Center Podcast Series

In 2022 I coordinated and participated in the development of a podcast series/season focused on the management of pain in children. Instead of setting up a podcast feed for the EMSC I coordinated a curriculum that included episodes from five podcasters (including me). This entailed developing learning objectives, navigating EMSC regulations, staging the release of episodes, and promoting the content via social media. The episodes are all hosted on the individual podcasters' websites – and collated on the EMSC IIC site at the [PEAK: Pain](#)

[Podcast Series page](#). This effort is the first of its kind in our field and merges the reach and content expertise of the EMSC IIC with the voice and passion of individual content creators.

Pediatric Education and Advocacy Kit: Pain Podcast Series Episodes

The PEAK: Pain podcast series focuses on different aspects of assessing, managing, and supporting the pediatric patient in pain. This series was coproduced by the Emergency Medical Services for Children Innovation and Improvement Center (EIIIC) in collaboration with Dr. Brad Sobolewski ([PEM Currents Podcast](#)), Dr. Julia Magaña and Dr. Sarah Medeiros ([EM Pulse Podcast](#)), Dr. Joelle Donofrio-Odmann and Dr. Joseph Finney ([The Pediatric EMS Podcast](#)), Dr. Bryan Allen and Dr. Sean Fox ([EM Guidewire](#)), and Dr. Mike Patrick, Dr. DJ Scherzer, and child life specialist, Courtney Hall ([PediaCast CME Podcast](#)).

1. [The Pediatric EMS Podcast: Ouch-less Pediatrics](#)
2. [EM Pulse: Please Don't Hurt Me!](#)
3. [PEM Currents: The Pediatric Emergency Medicine Podcast: Pain management for laceration repair in children](#)
4. [EM Guidewire: Pediatric Pain Management - EMSC Improvement Project](#)
5. [PediaCast CME: Pediatric Pain... from the Family Perspective](#)

Pediatric Education and Advocacy Kit: Agitation Podcast Series Episodes

The PEAK: Agitation podcast series focuses on different aspects of assessing, managing, and supporting the agitated child. This series was coproduced by the Emergency Medical Services for Children Innovation and Improvement Center (EIIIC) in collaboration with Dr. Dennis Ren and the EMDoc.net Emergency Medicine blog.

1. Episode 1: Differentiating organic versus psychiatric causes of agitation and altered mental status (May 17, 2023)
 1. Podcast Episode - <https://www.pemcincinnati.com/podcasts/?p=1133>
 2. PEMBlog Article - <https://pemcincinnati.com/blog/agitation-podcast-e1/>
 3. EMDocs Article – <https://emdocs.net/pem-currents-agitation-in-children-episode-1-differentiating-organic-vs-psychiatric>
2. Episode 2: Non-pharmacologic management of agitated children (May 24, 2023)
 1. Podcast Episode - <https://www.pemcincinnati.com/podcasts/?p=1140>
 2. PEMBlog Article - <https://pemcincinnati.com/blog/agitation-podcast-series-episode-2-non-pharmacologic-management-of-agitated-children/>
 3. EMDocs Article - <http://www.emdocs.net/pem-currents-agitation-in-children-episode-2-non-pharmacologic-management/>
3. Episode 3: Pharmacologic management of agitated children (May 31, 2023)
 1. Podcast Episode - <https://www.pemcincinnati.com/podcasts/?p=1146>
 2. PEMBlog Article - <https://pemcincinnati.com/blog/agitation-podcast->

- series-episode-3-pharmacologic-management-of-agitated-children/
3. EMDocs Article - <http://www.emdocs.net/pem-currents-agitation-in-children-episode-3-pharmacologic-management/>
 4. Episode 4: Safe pre-hospital transport of the agitated child (June 7, 2023)
 1. Podcast Episode - <https://www.pemcincinnati.com/podcasts/?p=1152>
 2. PEMBlog Article - <https://pemcincinnati.com/blog/agitation-podcast-series-episode-4-safe-prehospital-transport-of-the-agitated-child/>
 3. EMDocs Article - <http://www.emdocs.net/pem-currents-agitation-in-children-episode-4-safe-prehospital-transport/>
 5. Episode 5: Management of the child with mental health problems who is boarded in the Emergency Department (June 14, 2023)
 1. Podcast Episode - <https://www.pemcincinnati.com/podcasts/?p=1157>
 2. PEMBlog Article - <https://pemcincinnati.com/blog/agitation-podcast-series-episode-5-management-of-the-child-with-mental-health-problems-who-is-boarded-in-the-ed/>
 3. EMDocs Article - <http://www.emdocs.net/pem-currents-agitation-in-children-episode-5-the-boarded-ed-patient/>

AAP Section on Emergency Medicine virtual education sessions

As a committee member and now chair, I have planned and hosted several online education sessions focused on a variety of educational topics sponsored by the AAP Section on Emergency Medicine. The virtual format is attended by Pediatric Emergency Medicine physicians and features panels, and presentations with audience interaction and discussion. I have been the host for these events and coordinate recruitment of presenters and engage with the audience through the chat and live discussion via the Zoom platform.

1. Virtual education at the AAP NCE, and beyond - November 16, 2020
<https://vimeo.com/482893153>
2. Tele-Simulation - February 25, 2021
<https://vimeo.com/516874562/f9f669b209>
3. Diversity and Equity in Pediatric Emergency Medicine Education – November 17, 2021
<https://vimeo.com/647967587/e73c0282e5>
4. Digital Scholarship, Academic Promotion, and Professional Development - May 4, 2022
<https://vimeo.com/710409517>
5. Educational Leadership & Professional Development - November 30, 2022
<https://vimeo.com/804351246>
6. The new ACGME Pediatric Training Requirements: Wait, we can still do procedures right? – May 23, 2023
<https://youtu.be/MCQaDMlr0Ik>
7. Innovative education outside of our training institutions – November 28, 2023
<https://youtu.be/GqZyMwD2bvW>

Emergency Department Rotation Curriculum and Evaluations

During my tenure as the Emergency Department Rotation Director (2012-2018) I iterated upon and improved our curriculum for residents at Cincinnati Children's. The Emergency Department rotation at Cincinnati Children's is unique in that it combines bedside teaching with faculty and fellows, thrice monthly protected time for didactic and simulation-based education, and a robust online curriculum, consisting of a blog, videos, and podcasts. Residents can stay apprised of updates to the online components by subscribing to the websites, or by following on Twitter @PEMTweets or Facebook.

Bimonthly Friday Morning Education Sessions

One-half of our educational sessions feature three faculty/fellow physicians giving traditional, yet interactive didactic presentations. The other half consist of small group resident only high-fidelity sims (which I facilitated) and procedure skills stations. Up to 20-25 residents attend each session and the content is guided by the American Board of Pediatrics content specifications for Emergency Medicine as well as resident feedback.

Medical Video Review

Residents attend our monthly Emergency Medicine Divisional conference lead by members of the Medical Resuscitation Committee. We review a recent video from the Shock Trauma Suite and discuss specific treatment and diagnostic considerations for critically ill patients in the ED.

Emergency Department Rotation Evaluations

We developed an online evaluation for the more than 250 trainees that rotate through the Emergency Department to capture shift-based evaluations by their attendings and fellows. It features a customized Qualtrics survey optimized for mobile devices and after initial deployment in 2013 has been maintained with an eye towards ongoing improvement initiatives designed to increase and maintain faculty evaluation complete rates. The data we have amassed has helped us identify areas for improvement in dozens of residents in a manner that our previous processes couldn't achieve. In 2019 we added Entrustable Professional Activities focused on common diseases seen in the ED to the evaluation and continue to improve and refine the formative data that we give to our residents.

Presentations

National and International Plenaries

PEMPix 2022

AAP National Conference and Exhibition, Section on Emergency Medicine Program
October 8, 2022 – Anaheim, CA

Sharing new knowledge requires new methods: Research dissemination in the digital world
Plenary, Pediatric Emergency Medicine Fellows Conference, Columbus, OH
April 4, 2022

PEMPix 2021

AAP National Conference and Exhibition, Section on Emergency Medicine Program
October 9, 2021

<https://vimeo.com/609983236>

FOAM Road Trip
AAP National Conference and Exhibition, Section on Emergency Medicine Program
October 9, 2021
<https://vimeo.com/613538852/99c785aa2a>

PEMPix 2020
Online, AAP National Conference and Exhibition
September-October 2020

Alternate realities: Fixing a broken system to care for kids
Plenary, Don't Forget the Bubbles: Live and Connected
<https://vimeo.com/508944638>
August 26, 2020

Adventures in FOAM
Plenary, Pediatric Emergency Medicine Fellows Conference - Denver, CO
February 16, 2020

PEMPix - 2019
Plenary, AAP National Conference and Exhibition – New Orleans, LA
October 26, 2019

PEMPix - 2018
Plenary, AAP National Conference and Exhibition – Orlando, FL
November 3, 2018

PEMPix - 2017
Plenary, AAP National Conference and Exhibition – Chicago, IL
September 16, 2017

Perils of professionalism in the digital age: version 2.0
Plenary, Pediatric Emergency Medicine Fellows National Conference – Ann Arbor, MI
February 29, 2016

Incorporating innovative educational technology to maximize learning
Plenary, Pediatric Emergency Medicine Fellows National Conference – Philadelphia, PA
March 3, 2014

Perils of professionalism in the digital age
Plenary, Pediatric Emergency Medicine Fellows National Conference - Cincinnati, OH
March 11, 2012

National Workshops

Council on Communications and Media Program: Blogs, Podcasts, Videos, and Social
Media: Digital Content Workshop
AAP National Conference and Exhibition
October 8, 2022 – Anaheim, CA

Producing and sharing quality medical education videos
Pediatric Emergency Medicine Fellows Conference 2022 – Columbus, OH

PAS 2021 – Educational Scholars Program Workshop
Digital Presence and Scholarship
Pediatric Academic Societies Virtual Meeting - 2021

So, you want to record a podcast?
Pediatric Emergency Medicine Fellows Conference March 2019 – Chicago, IL

Where did you learn that? Appraisal and curation of free online educational resources
Pediatric Emergency Medicine Fellows Conference March 2019 – Chicago, IL

Time Management and Personal Wellness = Are they related?
Pediatric Emergency Medicine Fellows Conference February 2018 – Washington, DC

Activating Adult Learners: Getting out of the PowerPoint Rut
Pediatric Emergency Medicine Fellows Conference February 2018 – Washington, DC

Where Did You Learn That? Appraisal and Curation of Free Online Educational Resources
for Residents
Association of Pediatric Program Directors Annual Spring Meeting March 2018 – Atlanta,
GA

Leveraging technology to create innovative and engaging educational experiences
Pediatric Emergency Medicine Fellows Conference April 2017 – Las Vegas, NV

Maximizing engagement of millennial learners with educational technologies
Pediatric Academic Societies Annual Meeting May 2014 – Vancouver, BC, Canada

E-Learning 101: Best practices for developing and curating successful self-directed
teaching modules
Pediatric Academic Societies Annual Meeting May 2014 – Vancouver, BC, Canada

Talkin' 'bout My Generation: Maximizing Engagement of Millennial Learners with Innovative
Educational Technologies
Pediatric Academic Societies Annual Meeting May 2013 – Washington, DC

eLearning 101: Creating Web-Based Self-Directed Teaching Modules
Pediatric Academic Societies Annual Meeting May 2013 – Washington, DC

Talkin' 'bout My Generation: Maximizing Engagement of Millennial Learners with Innovative
Educational Technologies
2013 Regional Faculty and Health Care Educators Conference September 20, 2013 –
Cincinnati, OH

Cincinnati Children's Grand Rounds

Sharing new knowledge requires new methods: Research dissemination & medical
education in the digital world – Pediatric Grand Rounds - Cincinnati Children's - Cincinnati,

OH

December 19, 2023

Presentation: <https://cchmc.cloud-cme.com/course/courseoverview?P=1&EID=48844>

Website: <https://pemcincinnati.com/blog/CCHMC-PGR/>

Clinicopathologic Conference: Bronchial Hemangioma

Guest Discussant: Presented on respiratory distress and discussed workup and diagnosis of an unknown case

Cincinnati Children's Hospital Medical Center - Cincinnati, OH

November 17, 2015

Clinicopathologic Conference: Wegener's Granulomatosis

Case Presentation: I presented the unknown case to a guest discussant

Cincinnati Children's Hospital Medical Center - Cincinnati, OH

February 26, 2008

Invited Presentations

Choosing Wisely: Five common pediatric conditions in the Emergency Department where we can safely avoid unnecessary tests

Charleston Area Medical Center Women and Children's Hospital Grand Rounds

February 9, 2024

36 online participants

New approaches to the visual representation of data

Colorado Children's Division of Emergency Medicine

January 11, 2024

Sharing new knowledge requires new methods: Research dissemination & medical education in the digital world – 21st Annual Wolf Lectureship - Grand Rounds: Department of Pediatrics Norton Children's Hospital / University of Louisville – Louisville, KY

December 1, 2023

89 online participants and 23 in person attendees

Video Version: <https://youtu.be/iXmjL3w4DTA>

Sharing new knowledge requires new methods: Research dissemination & medical education in the digital world

Grand Rounds: Division of Emergency Medicine Dell Children's Hospital - Austin, TX

March 22, 2023

Techniques for virtual learning – September 7, 2022

Pediatric Emergency Division at Cohen Children's Medical Center – Queens, NY

Acute Severe Asthma – September 7, 2022

Pediatric Emergency Division at Cohen Children's Medical Center – Queens, NY

Procedural Sedation

Cincinnati Children's Hospital Medicine Board Review Course – Online 2022

CincyPHM.org

Injuries and Exposures
Cincinnati Children's Hospital Medicine Board Review Course – Online 2022
CincyPHM.org

Toxicology
April 14, 2022
University of Cincinnati College of Medicine Pediatric Boot Camp Series for 4th year
medical students

Free Open Access Medical Education – January 12, 2022
Cincinnati Children's Fellows Grand Rounds

Techniques for Virtual Learning
Cincinnati Children's OAACD Seminars – November 4, 2021

Toxicology
April 19, 2021
University of Cincinnati College of Medicine Pediatric Boot Camp Series for 4th year
medical students

Adventures in FOAM - How we use blogs, podcasts, social media, and other analytics to
disseminate knowledge – June 25, 2020
A presentation given at the Innovating Digital Medicine 2020 Conference

FOAM Club – September 19, 2019
A first of its kind presentation developed in conjunction with colleagues from the University
of Michigan that taught attendees how to critically appraise blog posts and podcast
episodes

The Power of #FOAM – September 13, 2019
Presented with Alex Towbin, MD from the Division of Radiology at the first annual
Cincinnati Children's Digital Pediatrics Conference.

Emergency Medicine: Injuries and Exposures – September 6, 2019
Presentation to >150 attendees at the first Cincinnati Children's Hospital Medicine Board
Review Conference.

Community acquired pneumonia – Cincinnati Children's Hospital Medical Center – 2013

Pediatric Resident Advocacy and Injury Prevention course: Media Violence & Online Safety -
Recurring since 2008

Interdivisional Research in Progress: Predictors of mental health follow up among
adolescents with suicidal ideation after emergency department discharge - September 21,
2010

Non-Accidental Trauma in Children: Evaluation, Diagnosis, and Management - March 26,
2009 - Trauma Surgery Conference
University of Cincinnati Trauma & Critical Care Surgery Division

Pediatric Resident Noon Conferences – Cincinnati Children’s

Presented to 100-150 attendees across multiple levels of training. Division of Emergency Medicine Pediatric Noon Conference topics focus on big-picture, high yield issues encountered in the Pediatric Emergency Department.

Common joint reductions – January 4, 2023
Consenting for procedural sedation & Splinting workshop – January 5, 2022
Common Joint Reductions – May 10, 2021
SVT – June 2018
CSF Shunt Complications – November 2017
Altered Mental Status – August 16, 2017, December 10, 2014, and March 7, 2012
Code Conference – Multiple, 2015 - present
Appendicitis - November 3, 2010
Appendicitis (Chairman’s Rounds) - September 22, 2006

Cincinnati Children’s Medical Resuscitation Committee’s Medical Video Review

Medical Video Review is presented multiple times a year by members of the Medical Resuscitation Committee of the Division of Pediatric Emergency Medicine at Cincinnati Children’s. A physician and nurse review recent cases of critically ill patients seen in the resuscitation area of the Emergency Department. The format is didactic and interactive. Attendees include faculty and fellows from the Division of Emergency Medicine at Cincinnati Children’s as well as residents, nurses, pharmacists, respiratory therapists, and other personnel that participate in the care of critically ill patients in the ED.

Acute Severe Asthma – August 23, 2022
Cardiogenic Shock & MIS-C – April 27, 2021
Anemia – September 22, 2020
SVT – May 23, 2019
DKA and Respiratory Failure – July 24, 2018
Bradycardia and Hypothermia – July 25, 2017
Upper GI Bleed – May 26, 2015
DKA – November 25, 2014
Take a deep breath: Non-invasive respiratory support in the ED – November 26, 2013
Selected topics in sepsis (Fluids, Lactate and Procalcitonin) – May 28, 2013
Pressing Matters - September 25, 2012
Shunt Malfunctions - February 28, 2012

Cincinnati Children’s Pediatric Residency Program Morning Report

In 2020-21 I developed and presented a series of talks in conjunction with Jimmy Rudloff, a Chief Resident and now Pediatric Emergency Medicine fellow in St. Louis, which focused on patients who return to the Emergency Department within 48 hours of their initial visit and are admitted. It was entitled “The Come Back Kids” and employed an interactive and discussion-based format over six individual presentations.

I have also presented multiple sessions using our Shock Trauma Suite video recording capabilities to highlight common concepts in resuscitation such as shock, status epilepticus, and status asthmaticus.

Cincinnati Children's Emergency Department Rotation Lectures

On average I give 2-3 lectures a year to our residents during the Emergency Department rotation academic half days. The topics have been varied but all focus on practical, high-yield content. They are either presented in-person or virtually via Zoom or Teams.

Cincinnati Children's Division of Emergency Medicine Journal Club

Journal Club is presented monthly by the fellows of the Division of Emergency Medicine at Cincinnati Children's. Fellows are mentored by Emergency Medicine faculty, and the topics and article selection are themed around core Evidence Based Medicine topics.

Strength in Numbers - September 9, 2010 – Ondansetron and hospital return rates

Harm - February 11, 2010 – Topic: High Flow Nasal Cannula in bronchiolitis

Clinical Questions - August 13, 2009 – Topic: MRSA Skin and soft tissue infections

Clinical Questions - June 9, 2009 – Topic: Septic Shock

Cincinnati Children's Emergency Medicine FOAM / Digital Scholarship Series

This quarterly conference is focused on the curation and critical appraisal of FOAM content and tasks each fellow with developing their own piece of digital scholarship.

The Fussy Infant – September 8, 2022

Cindy Chang, MD reviewed FOAM resources focused on the fussy infant and developed and reviewed an infographic.

Podcasting en español - December 8, 2022

Gisella Valderrama, MD reviewed the current state of digital scholarship produced in Spanish, and discussed her experience in recoding a Spanish language podcast on head injuries with Carla Torres Zegarra, MD, host of Pediatras en Línea from Children's Hospital Colorado.

ECGs in Syncope

Stephen Rineer, MD reviewed the indications for ECG and pediatric patients with syncope and published a blog post at PEMBlog.com.

<https://pemcincinnati.com/blog/ecg-in-pediatric-syncope/>

Educational Videos – August 24, 2023

Vincent Alexander, Tanner Heckle, and Archit Sahai all created brief educational videos for the Pediatric Emergency Medicine Choosing Wisely campaign.

Fellows Conferences

Presented on a recurring basis to the fellows and faculty of the Division of Emergency Medicine at Cincinnati Children's. Topics are focused on the core curriculum for Emergency Medicine fellowship training.

Select presentations as faculty

The visual representation of data – May 18, 2023

Bread & Butter: Altered Mental Status – September 1, 2022

Bread & Butter: Kidney Stones – October 12, 2023

Conferences presented during my fellowship training

Case Conference: Mythbusters - February 3, 2011
Board Review: EKGs - January 6, 2011
Case Conference: Mandibular Injuries - June 3, 2010
Board Review - February 25, 2010
EBM Conference: Harm - February 4, 2010
Case Conference: Acute Scrotal Pain - September 10, 2009
EBM Conference - Clinical Questions - August 6, 2009
Fellows Board Review: Are You Smarter Than a Peds Attending? - February 4, 2009
Toxicology Conference: Skeletal Muscle Relaxants - February 4, 2009
Case Conference: Back Pain - November 5, 2008

University of Cincinnati Department of Emergency Medicine Grand Rounds

Presented monthly to the Emergency Medicine Residents and Faculty.

Shunt Malfunction – April 11, 2012
Headache – August 11, 2010
Normal Childhood Development for the EM Resident – September 9, 2009
Fever of Uncertain Source: In Infants 60 Days of Age or Less – October 8, 2008

Chief Resident Conferences (2007-2008)

Conferences presented to the trainees of the pediatric residency training program at Cincinnati Children's during the 2007-2008 academic year.

Firms (five presentations)
Watson's Rounds (multiple) – interactive case based conference for pediatric residents
Bringing Evidence to the Bedside Series (four lectures)

Professional Training and Conferences

Cincinnati Children's Emerging Leaders Program
2012 – 2013

Fellows Teaching Workshop
June 10, 2009 - Cincinnati, OH

How to Teach Evidence-Based Clinical Practice
May 31 to June 5 - 2009 McMaster University – Hamilton, Ontario, Canada

2009 Pediatric Emergency Medicine Fellows' Conference
March 14-16 - 2009 St. Louis, MO

20th Annual Leadership Skills Training Program for the Pediatric Chief Resident
May 20- 24 - 2007 Jacksonville, Florida

Teaching and Leading EBM: A Workshop for Teachers and Champions of Evidence-Based
Medicine - April 22 – 25 - 2007 Duke University

Mentoring

Current Mentees in alphabetical order

Maneesha Agarwal, MD

Current Position: Associate Professor, Division of Emergency Medicine, Children's Healthcare of Atlanta

2021 – present

Dr. Agarwal is the new Chair of PEMPix, the AAP Section on Emergency Medicine's visual diagnosis competition. I am mentoring her in taking over the competition as well as in developing a social media focused educational campaign on Instagram. I also assist her with social media dissemination of her injury prevention activities.

Joshua Belfer, MD

Current Position: Pediatric Emergency Medicine Attending, Children's Hospital of Philadelphia

2020 – present

I am one of Dr. Belfer's primary research mentors. Our work together is focused on developing a Systematic Online Academic Resource (SOAR) Review of FOAM materials in pediatric respiratory illnesses. We are collaborating with Andrew Grock, MD, Assistant Clinical Professor of Emergency Medicine from UCLA. Dr. Grock is one of the key members of the METRIQ collaborative and Academic Life in Emergency Medicine contributor, who pioneered the SOAR review process. Dr. Belfer has also recently started a podcast of his own entitled "Doctors are People Too" in which he interviews medical professionals about their careers and accomplishments.

Rebecca Carson, DNP, APRN, CPNP-PC/AC

Current Position: Clinical Assistant Professor and Director of Pediatric Acute Care Online Program at Catholic University of America (Washington D.C.)

Previous Position: Nurse Practitioner, Emergency Services Cincinnati Children's

2019 – present

Rebecca is one of the first Advanced Practice nurses to develop a podcast-focused educational platform, The Peds NP podcast (<https://thepedsnp.podbean.com>). I am continuing to mentor Rebecca in the creation and promotion of her educational offerings including a national invited presentation (NAPNAP 2022) and an accepted manuscript on the creation of a podcast for asynchronous NP students. She was recently awarded the 2022 Johns Hopkins Alumni Dean's Award for outstanding nurse educator. We are currently working on a disparities focused podcast series for PNP's.

Cindy Chang, MD

Current Position: Fellow, Division of Emergency Medicine, Cincinnati Children's

2021 – present

I am one of Dr. Chang's faculty mentors. We have worked on several projects, most notably an effort to train and assess children aged 8 to 12 years in the application of tourniquets to control hemorrhage. I have also mentored Cindy in the creation of digital scholarship (podcasts, infographics, and more), and offer regular assistance as she continues to build her educational niche in Pediatric Emergency Medicine and Emergency Medicine.

James Gray, MB, BCh, MEd

Current Position: Assistant Professor, Division of Emergency Medicine, Cincinnati Children's

Previous Position: Pediatric Emergency Medicine Fellow, Cincinnati Children's
2018 - 2021

I was Dr. Gray's primary research mentor during PEM fellowship. Our work together included a scoping review focused on the current understanding and best practices of knowledge and research dissemination in Pediatric Emergency Medicine and Emergency Medicine using asynchronous online means. Dr. Gray has been an active member in the PECARN Dissemination Working Group and served as their website redesign champion, assisted in the development of a new PECARN study repository with Academic Life in Emergency Medicine, and a regular contributor to the EMSC Innovation & Improvement Center. He was newly elected as the co-chair of the PECARN Dissemination Working Group in February 2023. I have also mentored Dr. Gray in the creation of blog posts, podcasts and videos highlighting new research in Pediatric Emergency Medicine. An example of the content we created together, highlighting the work of Schnadower et al. in a randomized controlled trial of probiotics in gastroenteritis in children are noted below:

Blog post

[Should we be prescribing probiotics for gastroenteritis?](#)

December 13, 2018 / PEMBlog.com

Podcast

[A discussion about probiotics for gastroenteritis with David Schnadower](#)

December 12, 2018 / PEMBlog.com

Video

[A concise video synopsis of David Schnadower's study on probiotics in gastroenteritis from the New England Journal of Medicine](#)

December 17, 2018

I mentored Dr. Gray in the production and editing of these three forms of asynchronous content, as well as additional work with colleagues in the Division of Emergency Medicine at Cincinnati Children's, a cross-institutional initiative with the University of Michigan to create a conference format that teaches attendees how to assess the quality of blogs and podcasts (FOAM Club), as well as work with podcast production for the 2019 AAP National Conference and Exhibition.

Kirsten Loftus, MD

Current Position: Assistant Professor, Division of Emergency Medicine, Lurie Children's Hospital of Chicago, and Associate Program Director, Pediatric Residency Program Lurie Children's

Previous Positions: Pediatric Emergency Medicine Fellow, and Categorical Pediatric Resident, Cincinnati Children's
2012 – present

I served as both Dr. Loftus' faculty advisor during residency and her primary research mentor during fellowship. Our project is a large, descriptive analysis of the cumulative clinical experiences of Emergency Medicine residents in the ED at Cincinnati Children's. Our manuscript has been published. Kirsten has been the director of the Emergency Department rotation for residents at Lurie Children's Hospital in Chicago and was recently chosen as one of the Associate program Directors for the residency program in the Fall of 2023.

Peter O'Day, MD

Current Position: Pediatric Section Chief at Columbus Regional Health in Columbus, Indiana

Previous Position: Categorical Pediatric Resident at Cincinnati Children's

2018 – 2021, 2022 – present

I provide career advice, serve as a professional reference, and offer advice on Emergency Department processes relevant to his new role.

Laura Rochford, MD

Current Position: Instructor, Division of Emergency Medicine, Colorado Children's & Director of Resuscitation

2020 - present

Dr. Rochford is one of our former Pediatric Residents and is now faculty at Children's Colorado. I am offering advice as she works to build a website for their resuscitation area akin to my longstanding efforts at Cincinnati Children's as well as a video orientation to their resuscitation area.

Ashish Shah, MD, MEd

Current Position: Assistant Professor, Division of Emergency Medicine, Rady Children's Hospital in San Diego

Previous Position: Pediatric Emergency Medicine Fellow, Cincinnati Children's

2017 – present

I am a secondary mentor on Dr. Shah's project to develop a virtual reality intervention to teach the circulatory assessment to residents. I produced and edited a training video for the study. I also mentored Ashish on various types of digital scholarship, including website development, writing blog posts, and crafting an educator portfolio.

Jason Woods, MD

Current Position: Associate Professor, Division of Emergency Medicine, Colorado Children's, and Associate Program Director, Emergency Medicine Fellowship, Colorado Children's

2016 – present

I serve as a career mentor for Dr. Woods. We have regular telephone and video chat meetings and have presented multiple workshops and plenaries together, including at the AAP National Conference and Exhibition and at the annual Pediatric Emergency Medicine Fellows Conference. Jason is now an Associate Program Director for the Emergency Medicine Fellowship program at Colorado Children's and served as the Co-Chair of the PECARN Dissemination Work Group.

Current Resident Mentees in alphabetical order (as of 2/5/2024)

Eddy Aguilar, MD	PGY2 Pediatrics / Child Neurology
Avery Allen, MD	PGY1 Categorical Pediatrics
Dustin Armstrong, MD	PGY1 Categorical Pediatrics
Katherine Bernardo, MD	PGY1 Categorical Pediatrics
Patricia Calma, DO	PGY2 Categorical Pediatrics
Alexa Dantzler, MD	PGY2 Categorical Pediatrics
Leland Dunwoodie, MD	PGY2 Categorical Pediatrics
Jose Antonio Elizondo Leal, MD	PGY3 Categorical Pediatrics
Abigail Gauthier, MD	PGY3 Categorical Pediatrics

Alex Hubbard, MD	PGY3 Categorical Pediatrics
Kristen Humphrey, MD	PGY3 Categorical Pediatrics
Megan Kilian, MD	PGY2 Categorical Pediatrics
Megan Lee, MD	PGY3 Categorical Pediatrics
Caroline Maguire, MD	PGY2 Categorical Pediatrics
Rebecca Martin, MD	PGY1 Pediatrics PM&R
Michael O'Connor, Jr., MD	PGY1 Triple Board
Olivia Crowe, MD	PGY3 Categorical Pediatrics
Michael Rigor, MD	PGY1 Categorical Pediatrics
Abigail Rossman, MD	PGY2 Categorical Pediatrics
Miller Sisson, MD	PGY3 Categorical Pediatrics
Katherine Stefani, DO	PGY3 Triple Board
Lyndsey Sumner, MD	PGY1 Pediatrics / Child Neurology
Joseph Taranto, MD	PGY1 Categorical Pediatrics
Tomas Vanagunas, MD, PhD	PGY4 Pediatrics / Genetics
Elizabeth Walton, MD	PGY2 Categorical Pediatrics
Daniel Whitehurst, MD	PGY3 Categorical Pediatrics
Nicholas Yates, MD	PGY1 Categorical Pediatrics

Past Resident Mentees that have pursued careers in Pediatric Emergency Medicine

Year	First name	Last name	Position	Hospital for Fellowship Training	Location	Current Position
2015	Kirsten	Loftus	Categorical Pediatrics	Cincinnati Children's	Cincinnati, OH	Assistant Professor, Lurie Children's, Chicago, IL
2016	Jacinta	Cooper	Categorical Pediatrics & Chief Resident	University of Alabama at Birmingham	Birmingham, AL	Physician, Children's Healthcare of Atlanta, Atlanta, GA
2016	Katherine	Edmunds	Categorical Pediatrics	Cincinnati Children's	Cincinnati, OH	Assistant Professor, Emergency Medicine, Cincinnati Children's
2016	Tara	Kopp	Categorical Pediatrics	Cincinnati Children's	Cincinnati, OH	Assistant Professor, Emergency Medicine, Norton Children's, Louisville, KY
2016	Victoria	Wurster Ovalle	Categorical Pediatrics	Cincinnati Children's	Cincinnati, OH	Physician, Nemour's Children's Hospital, Orlando, FL
2017	Erin	O'Donnell	Categorical Pediatrics	The Johns Hopkins Hospital	Baltimore, MD	Assistant Professor, Emergency Medicine, Children's Wisconsin, Milwaukee, WI
2017	Laura	Rochford	Categorical Pediatrics	University of Alabama at Birmingham	Birmingham, AL	Assistant Professor, Emergency Medicine, Colorado Children's, Aurora, CO
2018	Preston	Dean	Categorical Pediatrics	Cincinnati Children's	Cincinnati, OH	Assistant Professor, Emergency Medicine, Cincinnati Children's
2019	Nancy	Clemens	Categorical Pediatrics & Chief Resident	Cincinnati Children's	Cincinnati, OH	Physician, Geisinger Medical Center, Danville, PA
2019	Bijan	Ketabchi	Categorical Pediatrics	Cincinnati Children's	Cincinnati, OH	Physician, Children's Hospital of Philadelphia, Philadelphia, PA (starting July 2023)
2019	Jennifer	Nystrom	Categorical Pediatrics	Nationwide Children's Hospital	Columbus, OH	Physician, Blank Children's Hospital, Des Moines, IA
2020	Christopher	Kovaleski	Categorical Pediatrics	Inova Children's Hospital	Fairfax, VA	Pediatric Emergency Medicine Fellow, Inova Children's, Fairfax, VA
2020	Lily	Yu	Categorical Pediatrics	Cincinnati Children's	Cincinnati, OH	Physician, Sanford Children's Hospital, Sioux Falls, SD (starting July 2023)
2021	Brandon	Kappy	Categorical Pediatrics	Children's National Medical Center	Washington, DC	Fellow, Emergency Medicine, Children's National Medical Center
2021	James	Rudloff	Categorical Pediatrics & Chief Resident	St. Louis Children's	St. Louis, MO	Fellow, St. Louis Children's, St. Louis, MO
2021	Stephen	Rineer	Categorical Pediatrics	Cincinnati Children's	Cincinnati, OH	Fellow, Emergency Medicine, Cincinnati Children's
2021	John	Petosa	Categorical Pediatrics	Vanderbilt University Medical Center	Nashville, TN	Fellow, Emergency Medicine, Vanderbilt University Medical Center
2022	Melissa	Blumberg	Categorical Pediatrics	Nemours duPont Children's Hospital	Wilmington, DE	Fellow, Emergency Medicine, Cincinnati Children's

2022	Joshua	Rice	Categorical Pediatrics	Nemours duPont Children's Hospital	Wilmington, DE	Fellow, Emergency Medicine, Cincinnati Children's
2022	Archit	Sahai	Categorical Pediatrics	Cincinnati Children's	Cincinnati, OH	Fellow, Emergency Medicine, Cincinnati Children's
2022	Lauren	Smith	Categorical Pediatrics	Seattle Children's Hospital	Seattle, WA	Fellow, Emergency Medicine, Cincinnati Children's
2022	Shelby	Tanguay	Triple Board	Colorado Children's Hospital	Aurora, CO	Fellow, Emergency Medicine, Cincinnati Children's
2023	Thomas	Menk	Categorical Pediatrics	Children's Healthcare of Atlanta	Atlanta, GA	Fellow, Emergency Medicine Children's Healthcare of Atlanta, Atlanta, GA (starting July 2023)
2023	Sara	Touzinsky	Categorical Pediatrics	Nationwide Children's Hospital	Columbus, OH	Fellow, Emergency Medicine, Nationwide Children's Hospital, Columbus, OH (starting July 2023)
2023	Deawodi	Ladzekpo	Categorical Pediatrics & Chief Resident	Cincinnati Children's	Cincinnati, OH	Fellow, Emergency Medicine, Cincinnati Children's (starting July 2023)
2023	Liz	Lendrum	Categorical Pediatrics & Chief Resident	Cincinnati Children's	Cincinnati, OH	Fellow, Emergency Medicine, Cincinnati Children's (starting July 2023)
2024	Abigail	Gauthier	Categorical Pediatrics	Vanderbilt University Medical Center	Nashville, TN	Fellow, Emergency Medicine, Vanderbilt Children's Hospital (starting July 2024)
2024	Callie	Krentz	Categorical Pediatrics	Children's Wisconsin	Milwaukee, WI	Fellow, Emergency Medicine, Children's Wisconsin (starting July 2024)
2024	Emily	Labudde	Categorical Pediatrics	Children's Healthcare of Atlanta	Atlanta, GA	Fellow, Emergency Medicine Children's Healthcare of Atlanta, Atlanta, GA (starting July 2024)
2024	Michelle	Recto	Categorical Pediatrics & Chief Resident	Cincinnati Children's	Cincinnati, OH	Fellow, Emergency Medicine, Cincinnati Children's (starting July 2024)

Full list of resident mentees in my role as Assistant/Associate Program Director
[Link to spreadsheet](#)

Other Past Mentees in alphabetical order

Jay Conhaim, MD

Current Position: Pediatric Anesthesiologist, Cincinnati, OH

Previous Position: Categorical Pediatric Resident Cincinnati Children's

2014 – 2017

I was Dr. Conhaim's faculty advisor during residency. Following training at Cincinnati Children's he matched in the Anesthesiology program at the University of Cincinnati School of Medicine.

Tara Kopp, MD

Current Position: Assistant Professor, Division of Emergency Medicine Norton Children's, Louisville, KY

Previous Positions: Pediatric Emergency Medicine Fellow, and Categorical Pediatric Resident, Cincinnati Children's

2013-2019

I served as Dr. Kopp's faculty advisor during residency, assisting her in acquiring research mentors and in successfully matching in the Emergency Medicine fellowship at Cincinnati Children's. I served as an advisor throughout fellowship as she selected academic projects, pursued masters training, and ultimately weighted career options. I wrote letters of recommendation and will continue to serve as an academic reference.

Chris Kovaleski

Current Position: Clinical Fellow, Division of Emergency Medicine, Children's Hospital of the King's Daughters, Norfolk, VA.

Previous Positions: Clinical Staff Physician, Division of Emergency Medicine and Categorical

Pediatrics Resident Cincinnati Children's
2016 - 2019

I served as Dr. Kovaleski's faculty advisor during residency and authored letters of recommendation in support of his application to Pediatric Emergency Medicine fellowships.

Daphne Morrison-Ponce, MD

Previous Position: Pediatric Emergency Medicine Fellow, The University of Michigan
2018 – 2020

I mentored Dr. Morrison-Ponce during the development of a novel conference format that teaches attendees how to assess the quality of blogs and podcasts (FOAM Club) when she was a PEM fellow at the University of Michigan. Our collaboration resulted in a publication in Academic Emergency Medicine Education and Training as well as the online resource FOAM-Club.com.

Aarti Patel, MD

Current Position: Assistant Professor, Division of Hospital Medicine, Rady Children's Hospital Sand Diego, CA

Previous Position: Hospital Medicine Fellow, Cincinnati Children's
2015-2018

I mentored Dr. Patel in the development of the PEToolkit.com website, an online resource used to teach residents the physical exam during Hospital Medicine Rounds. Our work was published in Academic Pediatrics and Pediatric Quality and Safety. Dr. Patel is currently faculty in San Diego.

Service and Leadership

Professional Organizations

2017 – present	Association of Pediatric Program Directors
2010 – present	American Academy of Pediatrics: Section on Emergency Medicine
2004 – present	American Academy of Pediatrics
2004 – present	Ohio Chapter: American Academy of Pediatrics

Committees

2022 – present	Cincinnati Children's Institutional Annual Program Evaluation Review Committee
2019 – 2024	AAP Pediatric Emergency Medicine Landscape (formerly PREP-EM & PEM Trends) Planning Committee https://shop.aap.org/pediatric-emergency-medicine-pem-landscape-course-series/
2018 – present	Cincinnati Children's Alumni Association Board
2017 – present	Emergency Medical Services for Children Innovation & Improvement Center Quality Improvement Advisory Board
2014 – present	Pediatric Emergency Medicine Fellows Conference Planning Committee
2014 - 2016	Cincinnati Children's Medical Education Scholarship Team
2013 – 2016	AAP Section on Emergency Medicine Committee for the Future
2016 – present	AAP SOEM Sub-Committee on Education
2011 - present	Cincinnati Children's Division of Emergency Medicine - Medical

	Resuscitation Committee
2009–2011/2022-present	Cincinnati Children’s Graduate Medical Education Committee
2007 - 2008	Cincinnati Children’s Clinical Practices Committee
2007 - 2008	Cincinnati Children’s Safe Handoff Committee
2006-2008/2011-present	Cincinnati Children’s Clinical Competency Committee

Professional Activities

2023 – present	ELS Abstract Reviewer, APPD Annual Meetings
2021 – present	Abstract Reviewer, Cincinnati Children's Boat Lectures Fellow Research Presentations
2011 - present	Cincinnati Children’s in-situ Simulation Facilitator
2011 - present	Instructor, University of Cincinnati College of Medicine Emergency Medicine Clerkship, 4 th Year Medical Students
2009 - present	PALS Instructor
2009 - 2012	EMS Instructor: State of Ohio
2006 - 2008	Pediatric Residency Council
2007 - 2008	Cincinnati Children’s Root Cause Analysis Participant

Editorial Service

2024 – present	Associate Editor, Digital Media and Dissemination – Pediatric Emergency Care
2008 – present	Manuscript Peer Review (multiple journals)
2007 – present	Senior Editor-in-Chief, The Pocket: Cincinnati Children’s Pediatric Resident Handbook

Manuscript, Abstract and Research Protocol Review

2011 – present	Divisional Scientific Review - Cincinnati Children’s Emergency Medicine
2014 - present	PEMPix submission judge – AAP Section on Emergency Medicine
2013	Abstract Reviewer – AAP/SOEM for the 2013 NCE
2017	Poster Judge – AAP/SOEM for the 2017 NCE

Recruitment Activities

2011 – present	Division of Emergency Medicine Faculty Candidates
2011 - present	Pediatric Residency Applicant Interviewer
2008 - present	Pediatric Emergency Medicine Fellowship Recruitment and Interviews

Community Activities

2022 – present	Yeager Baseball Youth Athletics Coach
2019 – present	Oak Hills Local School District Strategic Planning Stakeholder Team
2019 – present	Oak Hills Local School District Safety Committee
2015 – 2021	Oak Hills Youth Athletics Coach

Leadership Positions

2023 – present	Vice Chair – APPD Educational Technology Learning Community
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2023 – present	Chair - Cincinnati Children's Alumni Association Board
2022 – present	AAP Section on Emergency Medicine Education Subcommittee Chair
2022 – present	Associate Program Director, Cincinnati Children's Pediatric Residency Training Program
2021 – present	Emergency Medical Services for Children Innovation & Improvement Center - Podcast Director
2020 – 2023	Cincinnati Children's Alumni Association Board – Communications Chair
2019 – present	PECARN Dissemination Working Group - Co-Director of Video and Interactive Media
2019 – present	Pediatric Emergency Care Applied Research Network HOMERUN Node Dissemination Champion
2019 – 2020	2020 Innovating Digital Medicine Conference Program Committee Digital Health & Innovation Session Co-Chair
2017 – 2021	Assistant Program Director, Cincinnati Children's Pediatric Residency Training Program
2016 – 2022	PEMPix Chair for the AAP Section on Emergency Medicine
2011 – 2018	Cincinnati Children's Emergency Department Residency Rotation Director