

Curriculum Vitae

Brad Sobolewski, MD, MEd

February 18, 2022

Personal Data

Business Address Cincinnati Children's Hospital Medical Center
Division of Emergency Medicine
3333 Burnet Avenue, ML5018
Cincinnati, Ohio 45229
brad.sobolewski@cchmc.org

Home Address 5134 Halifax Drive
Cleveland, Ohio 45002
bradsobo@gmail.com

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

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

Academic Appointment

- | | |
|------------------|---|
| 3/2018 – present | Associate Professor of Pediatrics
Division of Pediatric Emergency Medicine
Cincinnati Children's Hospital Medical Center
University of Cincinnati School of Medicine |
| 7/2011 – 3/2018 | Assistant Professor of Pediatrics
Division of Pediatric Emergency Medicine
Cincinnati Children's Hospital Medical Center
University of Cincinnati School 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 |

Licensure and Certification

Pediatrics - Initial Certification 10/16/2007 Expires 12/21/2023
Pediatric Emergency Medicine - Initial Certification 4/9/2013 Expires 12/21/2023
State Medical Board of Ohio – Issue Date 4/11/2007 Expires 1/1/2024
DEA – Expires 2/28/2024
Pediatric Advanced Life Support (Instructor) – Expires 9/2023
CITI Training - Greater Cincinnati Academic and Regional Health Centers

Awards and Honors

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

Phi Beta Kappa

Phi Sigma Biology Honorary Society

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 project utilizing a novel virtual reality intervention to teach the circulatory assessment to residents.

Grants and Contracts

None

Peer Reviewed Publications

1. Gray JM, Schnadower D, Lafalette 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>.
2. 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*, 2021, <https://doi.org/10.1016/j.jaci.2021.07.035>.
3. 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. <https://doi.org/10.1002/aet2.10643>.
4. 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.
5. 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
6. 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
7. 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. doi: 10.1097/ACM.00000000000003435.
8. 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
9. 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.
10. 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

11. 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.
12. 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
13. 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
14. **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.
15. 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.
16. 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.
17. 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.
18. 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.
19. **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.
20. 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.

21. **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.
22. 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.
23. **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.
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.

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.

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.

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.

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.

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.

Video review 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.

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 Masters in Education thesis. I learned quite a bit about the full process of curriculum design.

In Press

None

Books

1. Shah A, **Sobolewski B**, Mittiga, M. Chapter 14: Pediatrics. *The Atlas of Emergency Medicine*, 5th Edition. McGraw Hill, 2020.
2. **Sobolewski B**. *Emergency Medicine Section: Med Study Pediatrics Core Curriculum*, 8th Edition. The Med Study Corporation, 2017.
3. **Sobolewski B**, Mittiga, M, Gonzalez del Rey, J. Chapter 14: Pediatrics. *The Atlas of Emergency Medicine*, 4th Edition. McGraw Hill, 2016.
4. **Sobolewski B**. *Emergency Medicine Section: Med Study Pediatrics Core Curriculum*, 7th Edition. The Med Study Corporation, 2015.
5. **Sobolewski B**, Grupp-Phelan, J, Marino, B. Chapter 20: The Critically Ill and Injured Child. *Blueprints Pediatrics*, 6th Edition. Lippincott Williams & Wilkins, 2013

Others

1. **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>
2. **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/>
3. **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/>
4. **Sobolewski B.** Social media, technology create new frontier in medical education. AAP News 2015; 36:34.PMID: N/A.
5. Senior Editor in Chief - The Pocket 2007-08 to 2021-22 editions
6. Pediatric Resident handbook at Cincinnati Children's Hospital Medical Center

Abstracts

1. Virtual Poster Presentation – PAS 2021
Emergency Medicine
PEM Fellowship POCUS Training in 2020: A Cross-Sectional Survey of PEM Fellows and Leaders
2. 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
3. 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.
4. 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**
5. 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.
6. 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

7. 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.
8. 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**.
9. 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**.
10. 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.
11. Poster Presentation – 2010 American Academy of Pediatrics National Conference and Exhibition: San Francisco, CA (National)
And
12. 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.
13. 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

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

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 n

education brand online. It included information on consistent voice and visual identity as well as how I got started in FOAM.

Digital scholarship

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. 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 1.2 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.](#)

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 January 27, 2022):

- Email subscriptions – 4,244 subscribers
- [Twitter via the @PEMTweets account](#) – 2,740 followers
- [Facebook page](#) – 782 followers
- RSS feed
- Organic searches
- WordPress follows

[Microsoft Excel file with 1\) full list of all time PEMBlog articles 2\) All 2021 Articles](#) – data up to date as of 1/27/2022

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 the mp3 files 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. I have 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 complete list of podcast episodes and consumption statistics](#) - data up to date as of 1/27/2022

PEMPix

PEMPix.com

2017 - present

Online home of the AAP Section on Emergency Medicine's annual visual diagnosis competition. From 2017-2022 I have been 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 Pratt Research Symposium. 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 an intuitive category sorting system into 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 3,719 times in 2021.

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.

Physical Exam Toolkit

physicalexamtoolkit.com

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

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

Evaluations.PEMCincinnati.com

Resource for resident evaluations for the ED Rotation

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

PEMcinincinnati.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](https://www.vimeo.com) and [YouTube](https://www.youtube.com). I have amassed over 111,800 total view 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.

[Microsoft Excel spreadsheet with all videos uploaded to Vimeo by date with total views](#) – Data up to date as of 1/27/2022

[Microsoft Excel spreadsheet with all videos uploaded to YouTube with total views](#) - Data up to date as of 1/27/2022

I also produced training and introductory videos for the PRECISE-ED anaphylaxis study in conjunction with Tim Dribin. <https://vimeo.com/showcase/8874289>

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 dozens of residents, fellows, and faculty physicians in the production of podcast 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.

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 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

Rochford, Laura, Ultrasound assisted lumbar puncture in children, PEMBlog, Published 4/19/17, <https://pemcincinnati.com/blog/ultrasound-assisted-lumbar-puncture-in-children/>, Accessed 1/27/22.

Dean, Preston, Community acquired pneumonia: Labs, PEMBlog, Published 6/6/17, <https://pemcincinnati.com/blog/community-acquired-pneumonia-labs/>, Accessed 1/27/22.

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 1/27/22.

Endres, Ashley, How to Replace a Dislodged or Malfunctioning G-tube, PEMBlog, Published 1/16/18, <https://pemcincinnati.com/blog/g-tube/>, Accessed 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

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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 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

Finkel, Leah, Hypertension in the Pediatric Emergency Department, PEMBlog, Published 9/12/19, <https://pemcincinnati.com/blog/hypertension-in-the-pediatric-emergency-department/>, Accessed 1/27/22.

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 1/27/22.

Cafferty, Rachel, EmergiQuiz: Congenital Syphilis, PEMBlog, Published 10/26/19, <https://pemcincinnati.com/blog/emergiquiz-congenital-syphilis/>, Accessed 1/27/22.

Hooft, Anneka, EmergiQuiz: Acute abdominal pain - beyond the basics, PEMBlog, Published 10/26/19, <https://pemcincinnati.com/blog/emergiquiz-acute-abdominal-pain-beyond-the-basics/>, Accessed 1/27/22.

Lott, Baillie, EmergiQuiz: Cut the (hyper)tension, PEMBlog, Published 10/26/19, <https://pemcincinnati.com/blog/emergiquiz-cut-the-hypertension/>, Accessed 1/27/22.

Schubert, Gena, EmergiQuiz: Myasthenia Gravis, PEMBlog, Published 10/26/19, <https://pemcincinnati.com/blog/emergiquiz-myasthenia-gravis/>, Accessed 1/27/22.

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 1/27/22.

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 1/27/22.

Ren, Dennis, Fracture Fridays: Pelvic Avulsion Fractures, PEMBlog, Published 12/3/21, <https://pemcincinnati.com/blog/fracture-fridays-pelvic-avulsion-fractures/>, Accessed 1/27/22.

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 1/27/22.

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 1/27/22.

Pfarr, M, Stroke in Adults, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 4/22/20, <http://www.pemcincinnati.com/podcasts/?p=700>, Accessed 1/27/22.

Shore, D, Pulmonary Embolism, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 5/14/20, <http://www.pemcincinnati.com/podcasts/?p=716>, Accessed 1/27/22.

Burger, B, Delirium, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 6/9/20, <http://www.pemcincinnati.com/podcasts/?p=733>, Accessed 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

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 1/27/22.

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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 1/27/22.

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 1/27/22.

Finney, J, Drowning, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 5/12/21, <http://www.pemcincinnati.com/podcasts/?p=847>, Accessed 1/27/22.

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 1/27/22.

Stanton, B, Concussions, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 9/1/21, <https://www.pemcincinnati.com/podcasts/?p=893>, Accessed 1/27/22.

Ireson, E, Firearm Safety, PEM Currents: The Pediatric Emergency Medicine Podcast, Published, 10/27/21, <http://www.pemcincinnati.com/podcasts/?p=908>, Accessed 1/27/22.

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.

Curriculum Development and Educational Materials

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 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

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

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

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.

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.

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 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

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.

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)

Mentoring

Current Mentees in alphabetical order

Joshua Belfer, MD

Current Position: Pediatric Emergency Medicine Fellow, Columbia New York
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 education, national invited presentations (NAPNAP 2022), and in the preparation of a manuscript on the use of podcasts in an online PNP training program.

James Gray, MB, BCh, MEd

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

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

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, assisted in the Development of a new PECARN website and study repository with Academic Life in Emergency Medicine, and a regular contributor to the EMSC Innovation & Improvement Center. 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.

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: Assistant Professor, Division of Emergency Medicine, 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 serves as the Co-Chair of the PECARN Dissemination Work Group.

Current Resident Mentees in alphabetical order

Thomas Aviles	PL-2	Categorical Pediatrics
Kiran Bandi	PL-2	Categorical Pediatrics
Samuel Brayer	PL-3	Categorical Pediatrics
Olivia Crowe	PL-1	Categorical Pediatrics
Amanda Deford	PL-2	Categorical Pediatrics
Jose Elizondo Leal	PL-1	Categorical Pediatrics
Abigail Gauthier	PL-1	Categorical Pediatrics
Stephen Gilene	PL-3	Categorical Pediatrics
Alex Hubbard	PL-1	Categorical Pediatrics
Kristen Humphrey	PL-1	Categorical Pediatrics
Daniel Kadden	PL-2	Categorical Pediatrics
Taylor Lammert	PL-3	Categorical Pediatrics
Megan Lee	PL-1	Categorical Pediatrics
Elizabeth Lendrum	PL-3	Categorical Pediatrics
Michael Matt	PL-3	Categorical Pediatrics
Paul (Thomas) Menk	PL-2	Categorical Pediatrics
Timothy Nguyen	PL-2	Pediatrics/Child Neurology
Michelle Recto	PL-2	Categorical Pediatrics
Joshua Rice	PL-3	Categorical Pediatrics
Archit Sahai	PL-3	Categorical Pediatrics
Gabrielle Siegel	PL-2	Categorical Pediatrics
Miller Sisson	PL-1	Categorical Pediatrics
Isaac Smith	PL-3	Categorical Pediatrics
Patrick Smith	PL-3	Categorical Pediatrics
Ryan Sosh	PL-2	Categorical Pediatrics
Tyler Spivey	PL-2	Pediatrics/Child Neurology
Katherine Stefani	PL-1	Pediatrics/Psychiatry/Child Psychiatry
Priscilla Tang	PL-2	Categorical Pediatrics
Shelby Tanguay	PL-5	Pediatrics/Psychiatry/Child Psychiatry
Sarah Taylor	PL-1	Pediatrics/Child Neurology
Jessica Trygier	PL-2	Categorical Pediatrics
Tomas Vanagunas	PL-2	Pediatrics/Genetics
Cameron Wade	PL-1	Pediatrics/Child Neurology
Paul Warren	PL-3	Categorical Pediatrics
Daniel Whitehurst	PL-1	Categorical Pediatrics

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.

Kirsten Loftus, MD

Current Position: Assistant Professor, Division of Emergency Medicine, Lurie Children's Hospital of Chicago

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

2012 – 2020

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 is now director of the Emergency Department rotation for residents at Lurie Children's Hospital in Chicago. I recently advised her on the implementation of a process to introduce residents to endotracheal intubation in their resuscitation area.

Daphne Morrison-Ponce, MD

Current Position:

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

Leadership and Management

2022 – present	Associate Program Director, Cincinnati Children's Pediatric Residency Training Program
2017 – 2021	Assistant Program Director, Cincinnati Children's Pediatric Residency Training Program
2021 – present	Emergency Medical Services for Children Innovation & Improvement Center Podcast Director
2019 – present	PECARN Dissemination Working Group Co-Director of Video and Interactive Media
2019 – present	Pediatric Emergency Care Applied Research Network HOMERUN Node Dissemination Lead
2019 – present	AAP PEM Trends (formerly PREP-EM) Planning Committee
2019 – 2020	2020 Innovating Digital Medicine Conference Program Committee Digital Health & Innovation Session Co-Chair
2018 – present	Cincinnati Children's Alumni Association Board
2017 – present	Emergency Medical Services for Children Innovation & Improvement Center Quality Improvement Advisory Board
2016 – present	AAP SOEM Education Steering Committee
2016 – present	PEMPix Chair for the AAP Section on Emergency Medicine
2014 – present	Pediatric Emergency Medicine Fellows Conference Planning Committee
2011 – 2018	Cincinnati Children's Emergency Department Residency Rotation Director
2013 – 2016	AAP Section on Emergency Medicine Committee for the Future

Committees

2006-2008/2011-present	Cincinnati Children's Clinical Competency Committee
2011 - present	Cincinnati Children's Division of Emergency Medicine Medical Resuscitation Committee
2014 - 2016	Cincinnati Children's Medical Education Scholarship Team
2013 – 2016	AAP Section on Emergency Medicine Committee for the Future
2016 – present	PEMPix Chair for the AAP Section on Emergency Medicine
2016 – 2018	AAP SOEM Sub-Committee on Education

2009 - 2011 Cincinnati Children's Graduate Medical Education Committee
2007 - 2008 Cincinnati Children's Clinical Practices Committee
2007 - 2008 Cincinnati Children's Safe Handoff Committee

Professional Activities

2011 - present Cincinnati Children's in-situ Simulation Facilitator
2011 - present Instructor, University of Cincinnati College of Medicine
Emergency Medicine Clerkship, 4th 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

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 Cincinnati Children's Division of Emergency Medicine Faculty Candidates
2011 - present Pediatric Residency Applicant Interviewer
2008 - present Pediatric Emergency Medicine Fellowship Recruitment and Interviews

Community Activities

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

Distribution of Effort

Leadership and Management	5%
Clinical Activities	50%
Service and Citizenship	5%
Teaching and Mentoring	20%
Research and Scholarly Activities	20%