

Curriculum Vitae  
**Brad Sobolewski, MD, MEd**  
September 3, 2019

## Personal Data

Business Address    Cincinnati Children's Hospital Medical Center  
Division of Emergency Medicine  
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Cincinnati, Ohio 45229  
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Educator Portfolio    [bradsobolewski.com](http://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  
Masters 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 Appointment**

- 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
- 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
- 3/2018 – present      Associate Professor of Pediatrics  
Division of Pediatric Emergency Medicine  
Cincinnati Children’s Hospital Medical Center  
University of Cincinnati School of Medicine
- 5/2013 - present      Adjunct Assistant Professor of Pediatrics  
University of Kentucky College of Medicine

## **Licensure and Certification**

Pediatrics  
Pediatric Emergency Medicine  
State Medical Board of Ohio  
DEA  
Pediatric Advanced Life Support (Instructor)

## **Awards and Honors**

- EBSCO-PEMSoft Award for Technological Innovations in Pediatric Emergency Medicine - 2016
- CCHMC Faculty Teacher of the Year Award – 2011-2012
- CCHMC 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

## **Memberships in Professional Organizations**

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

## Leadership and Management

2017 – present	Assistant Program Director, CCHMC Pediatric Residency Training Program
2011 – 2018	CCHMC Emergency Department Residency Rotation Director
2013 – 2016	AAP Section on Emergency Medicine Committee for the Future
2014 – present	Pediatric Emergency Medicine Fellows Conference Planning Committee
2016 – present	PEMPix Chair for the AAP Section on Emergency Medicine
2016 – present	AAP SOEM Education Steering Committee
2017 – present	Emergency Medical Services for Children Innovation & Improvement Center Quality Improvement Advisory Board
2018 – present	Cincinnati Children's Alumni Association Board
2019 – present	AAP PREP-EM Planning Committee

## Clinical 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 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.

## Service and Citizenship

### Committee Involvement

2006-2008/2011-present	CCHMC Clinical Competency Committee
2011 - present	CCHMC Division of Emergency Medicine Medical Resuscitation Committee
2014 - 2016	CCHMC 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	CCHMC Graduate Medical Education Committee
2007 - 2008	CCHMC Clinical Practices Committee
2007 - 2008	CCHMC Safe Handoff Committee

### Professional Activities

2011 - present	CCHMC in-situ Simulation Facilitator
2011 - present	Instructor, University of Cincinnati College of Medicine Emergency Medicine Clerkship, 4 <sup>th</sup> Year Medical Students
2009 - present	PALS Instructor
2009 - 2012	EMS Instructor: State of Ohio
2006 - 2008	Pediatric Residency Council
2007 - 2008	CCHMC Root Cause Analysis Participant

### National Distinguished Activities

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

March 11, 2012

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: version 2.0  
Plenary, Pediatric Emergency Medicine Fellows National Conference – Ann Arbor, MI  
February 29, 2016

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

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

### **Editorial Service**

2007 – present                      Senior Editor-in-Chief, The Pocket: CCHMC Pediatric Resident Handbook

### **Manuscript, Abstract and Research Protocol Review**

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

### **Community Activities**

2015 – 2018                      Oak Hills Youth Athletics Coach  
2019 – present                      Oak Hills Local School District Safety Committee

## **Teaching and Mentoring**

### **Learners**

#### **Residents**

In the ED at Cincinnati Children's I precept residents from the CCHMC Pediatric Residency Training Program as well as those from the University of Cincinnati Emergency Medicine Residency and other residents rotating from outside institutions.

#### **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 content producers in the online sphere in Pediatric Emergency Medicine and Emergency Medicine. My site is a key, 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.

### **PEMBlog**

A Pediatric Emergency Medicine educational website that I started in August 2012. Since then there have been more than 620 posts and the site has been viewed 660,000 times. I have readers from multiple health professions in dozens of countries with >600 email subscribers and >2,500 readers that follow via social media channels.

### **PEM Currents**

My Pediatric Emergency Medicine podcast featuring brief, focused teaching on key topics in Pediatric Emergency Medicine. It has been widely cited on educational websites and was named best Pediatric Emergency Medicine podcast in Academic Emergency Medicine. In 2019 I began offering Continuing Medical Education for select episodes through Cincinnati Children's.

### **Videos**

My self-produced and edited educational videos are hosted on Vimeo ([www.vimeo.com/pemcincinnati](http://www.vimeo.com/pemcincinnati)) and YouTube. They include both brief didactic presentations and procedural instruction. I have also produced instructional videos for the evaluation of residents at CCHMC and an online orientation to the ED rotation.

I also 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.

## **Materials**

### **Emergency Department Rotation Curriculum and Evaluations**

During my tenure as the Emergency Department Rotation Director I iterated upon and improved our curriculum for residents at CCHMC. The Emergency Department rotation at CCHMC 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 in order 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.

### **Mentoring**

2012 - present	<p>CCHMC Pediatric Resident Faculty Advisor</p> <p><b>Kirsten Loftus</b> Recent graduate from the PEM fellowship at CCHMC</p> <p><b>Tara Kopp</b> Recent graduate from the PEM fellowship at CCHMC</p> <p><b>Jay Conhaim</b> CCHMC Pediatric Residency Graduate in 2017 Currently an Anesthesiology Resident at the University of Cincinnati</p> <p><b>Chris Kovaleski</b> Recent graduate from the Pediatric residency program at Cincinnati Children's</p>
2016 – present	<p><b>Jason Woods, MD</b> Assistant Professor, Department of Emergency Medicine, Children's Hospital Colorado</p> <p>We hold regular video conferences to discuss Dr. Woods' interests and projects in Technology and Education</p>
2016 – present	<p>Primary Faculty research mentor for Pediatric Emergency Medicine Fellow graduate</p> <p><b>Kirsten Loftus, MD</b></p> <p>Our project is in progress and is focused on describing in detail the clinical experiences of two classes of Emergency Medicine Residents from the University of Cincinnati</p>
2017 – present	<p>Secondary Faculty research mentor for Pediatric Emergency Medicine Fellow</p> <p><b>Ashish Shah, MD</b></p> <p>Our project is in progress and will involve assessing the impact of virtual reality technology during high-fidelity simulation</p>
2018 – present	<p>Primary Faculty research mentor for Pediatric Emergency Medicine Fellow</p> <p><b>James Gray, MB, BCh, BAO</b></p> <p>Our project is focused on dissemination of new knowledge in Emergency Medicine using asynchronous online content. A scoping review is in progress.</p>
2015 - present	<p>Mentor for AAP Mentorship Program</p>

2014 – 2017

Research Mentor **Aarti Patel, MD** Hospital Medicine Fellow and Masters in Medical Education Student at CCHMC and The University of Cincinnati

### **National Workshops**

Workshops presented at national and regional conferences have focused on the use and integration of technology in education.

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

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

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

### **CCHMC 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

### **Pediatric Resident Noon Conferences - CCHMC**

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.

Appendicitis - November 3, 2010  
Altered Mental Status - March 7, 2012  
Altered Mental Status - December 10, 2014  
Altered Mental Status - August 16, 2017  
CSF Shunt Complications - November 2017  
SVT - June 2018  
Code Conference - Multiple, 2015 - present

### **CCHMC 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 CCHMC as well as residents, nurses, pharmacists, respiratory therapists and other personnel that participate in the care of critically ill patients in the ED.

Shunt Malfunctions - February 28, 2012  
Pressing Matters - September 25, 2012  
Selected topics in sepsis (Fluids, Lactate and Procalcitonin) - May 28, 2013  
Take a deep breath: Non-invasive respiratory support in the ED - November 26, 2013  
DKA - November 25, 2014  
Upper GI Bleed - May 26, 2015  
Bradycardia and Hypothermia - July 25, 2017  
DKA and Respiratory Failure - July 24, 2018  
SVT - May 23, 2019

### **CCHMC Division of Emergency Medicine Journal Club**

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

Clinical Questions - June 9, 2009 - Topic: Septic Shock  
Clinical Questions - August 13, 2009 - Topic: MRSA Skin and soft tissue infections  
Harm - February 11, 2010 - Topic: High Flow Nasal Cannula in bronchiolitis  
Strength in Numbers - September 9, 2010 - Ondansetron and hospital return rates



## **Fellows Conferences**

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

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

## **University of Cincinnati Department of Emergency Medicine Grand Rounds**

Presented monthly to the Emergency Medicine Residents and Faculty.

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

## **Chief Resident Conferences (2007-2008)**

Conferences presented to the trainees of the pediatric residency training program at CCHMC 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)

## **Others**

Appendicitis - September 22, 2006 - Chairman's Rounds Cincinnati Children's Hospital Medical Center

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

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

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

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

## **Professional Training and Conferences**

Teaching and Leading EBM: A Workshop for Teachers and Champions of Evidence-Based

Medicine - April 22 - 25, 2007 Duke University

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

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

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

Fellows Teaching Workshop  
June 10, 2009 Cincinnati, OH

Cincinnati Children's Emerging Leaders Program  
2012 – 2013

## Research and Scholarly Activities

### Grants and Contracts

None

### Peer Reviewed Publications

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.

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

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

**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.

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.

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.

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.

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.

**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.

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.

**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.

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.

**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.

**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

**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.

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

Citation: 2017 -1

I developed an educational website ([physicalexamtoolkit.com](http://physicalexamtoolkit.com)) focused on the physical exam for residents rotating through the inpatient Hospital Medicine teams. We also gathered usage and experiential data and used our experience to offer advice on the design of educational websites.

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

Citations: None as of 2/9/18

Following the development of a trainee-focused educational website ([physicalexamtoolkit.com](http://physicalexamtoolkit.com)) focused on the physical exam we assessed the impact of our intervention on the Hospital Medicine Service.

Zackoff MW, DeBlasio D., **Sobolewski B**. and Klein M. Implementation of point-of-care tools for assessment of teaching. *Med Educ*, 2016. 50: 1169. doi:10.1111/medu.13183

PMID: 27761997

Citations: None as of 2/9/18

This paper is a description of our efforts to use a customized website to evaluate resident teaching at the point-of-care. I designed and coded the website and participated in the development of the evaluations. The web address is [RATC.pemcincinnati.com](http://RATC.pemcincinnati.com).

**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

Citations: None as of 2/9/18

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](http://pemcincinnati.com/orientation). This study was also my Masters in Education thesis. I learned quite a bit about the full process of curriculum design.

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

Citations: 2014 – 1 / 2015 – 5 / 2016 – 7 / 2017 - 3

A multi-site Solomon four group design whereby we randomized residents working in the ED to access to online educational modules. Module use improved post test scores in those randomized to the intervention, and ultimately we noted that web-based asynchronous e-learning potentially has the ability to standardize education among multiple institutions with common curricula, especially in the ED – a rotation that is far from standardized. Through participation in this study I was exposed to new methodology, and met new colleagues and

friends that I continue to work with.

## In Press

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*, 2019.

## Books

**Sobolewski B**. Emergency Medicine Section: Med Study Pediatrics Core Curriculum, 8<sup>th</sup> Edition. The Med Study Corporation, 2017.

**Sobolewski B**, Mittiga, M, Gonzalez del Rey, J. Chapter 14: Pediatrics. *The Atlas of Emergency Medicine*, 4<sup>th</sup> Edition. McGraw Hill, 2016.

**Sobolewski B**. Emergency Medicine Section: Med Study Pediatrics Core Curriculum, 7<sup>th</sup> Edition. The Med Study Corporation, 2015.

**Sobolewski B**, Grupp-Phelan, J, Marino, B. Chapter 20: The Critically Ill and Injured Child. *Blueprints Pediatrics*, 6<sup>th</sup> Edition. Lippincott Williams & Wilkins, 2013

## Others

**Sobolewski B**. Social media, technology create new frontier in medical education. *AAP News* 2015; 36:34.

PMID: N/A

Citations: None as of 11/30/16

An editorial on the rising use of social media in medical education.

**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/>

**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/>

Senior Editor in Chief - *The Pocket* 2007-08 to 2019-20 editions

Pediatric Resident handbook at Cincinnati Children's Hospital Medical Center

## Websites

I have personally designed, and maintain multiple websites using the WordPress platform. Individual statistics and details are available upon request.

PEMBlog.com

Pediatric Emergency Medicine educational blog

PEMPix.com

Online home of the AAP Section on Emergency Medicine's annual visual diagnosis competition

PediatricBoardReviewVideos.com	Online Board Review Series for Pediatric Residents at Cincinnati Children's
PEMFellowsConference.com	Landing page for the annual Pediatric Emergency Medicine Fellows Conference
MRC.PEMCincinnati.com	Online resource for Shock Trauma Suite algorithms
Trauma.PEMCincinnati.com	Online resource for Cincinnati Children's Hospital Medical Center Trauma Algorithms and Protocols
PEMCincinnati.com/podcasts	Pediatric Emergency Medicine podcast
PEToolkit (physicalexamtoolkit.com)	Hospital Medicine based resource for teaching the physical exam during rounds
Evaluations.PEMCincinnati.com	Resource for resident evaluations for the ED Rotation
PEMcinincinnati.com/Orientation	Online orientation to the Emergency Department rotation for residents at Cincinnati Children's.
RATC.PEMCincinnati.com	Evaluation platform for the Residents as Teachers Curriculum
PECC.PEMCincinnati.com	Primary Care Rotation Evaluation Portal

## Abstracts

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

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.

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.**

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.**

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.

Poster Presentation – 2010 American Academy of Pediatrics National Conference and  
Exhibition: San Francisco, CA (National)

And

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.

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.

## Distribution of Effort

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

I have reviewed the curriculum vita for completeness and accuracy and agree with its contents

\_\_\_\_\_ Division Director

\_\_\_\_\_ Individual Physician

Brad Sobolewski, MD, MEd