

## **Erin Adams Hofer, MD**

### **Education**

08/2007 – 05/2011	Morehead State University, Morehead, KY Bachelor of Science, Biology
08/2011 – 05/2015	University of Louisville, School of Medicine Louisville, KY Doctor of Medicine, Distinction in Research

### **Post-Graduate Education**

07/2015 – 06/2020	Prisma Health, formerly Greenville Health System, Greenville, SC Orthopaedic Surgery Resident
08/2020 – Present	Washington University, St. Louis, MO Orthopaedic Trauma Fellow

### **Research Experience**

#### **Publications, peer-reviewed**

Adams EL, Yoder EM, Kasdan ML. Giant cell tumor of the tendon sheath: experience with 65 cases. *Eplasty*. 2012; 12:e50.

Roberts CS, Adams EL. The classification of open fractures: are we there yet? *Injury*. 2013; 44(4): 403-5.

Norheim EP, Glassman SD, Adams EL, Hunter A, Harbrecht BG, Dimar JR II, Carreon LY. Utility of MRI in Patients with Thoracolumbar Fractures. Accepted, *Global Spine Journal*.

Program of Randomized Trials to Evaluate Pre-operative Antiseptic Skin Solutions in Orthopaedic Trauma (PREP-IT) Investigators, Slobogean GP, Sprague S, et al. Effectiveness of Iodophor vs Chlorhexidine Solutions for Surgical Site Infections and Unplanned Reoperations for Patients Who Underwent Fracture Repair: The PREP-IT Master Protocol. *JAMA Netw Open*. 2020;3(4):e202215. Published 2020 Apr 1. doi:10.1001/jamanetworkopen.2020.2215 (Hofer, EL - Collaborator)

Sprague S, et al; PREP-IT Investigators. Cluster identification, selection, and description in cluster randomized crossover trials: the PREP-IT trials. *Trials*. 2020 Aug 12;21(1):712. doi: 10.1186/s13063-020-04611-9. Erratum in: *Trials*. 2020 Sep 30;21(1):821. PMID: 32787892 (Hofer, EL - Collaborator)

Lin CA, O'Hara NN, Sprague S, O'Toole RV, Joshi M, Harris AD, et al. Low Adherence to Recommended Guidelines for Open Fracture Antibiotic Prophylaxis. *The Journal of Bone and*

*Joint Surgery Am.* 2021 Jan 7; Publish Ahead of Print. PMID: 33411466 (Hofer, EL - Collaborator)

### **Presentations**

Cordiale AJ, Glassman SD, Adams EL, Carreon LY. Clinical Outcomes Ten Years after Lumbar Fusion for Degenerative Spondylolisthesis.

- Presented at AAOS 2015 (March 2015; Las Vegas, NV); Presenter: Erin Adams
- Presented at IMAST (July 2014; Valencia, Spain); Presenter: Andrew Cordiale
- Presented at NASS (Nov 2014; San Francisco, CA); Presenter: Andrew Cordiale

Adams EL, McHenry TP, Beckish ML. Threaded Cages Enable Successful Single-Level Posterior Fusion for High-Grade Spondylolisthesis in High-Demand Adolescent Athletes.

- Presented at South Carolina Orthopaedic Association, Kiawah Island, SC, August 2018

### **In Progress**

Hofer EL, McAndrew CM, et al. Efficacy of Preoperative versus Postoperative Regional Anesthesia in Ankle Fracture Surgery: a prospective randomized controlled trial

Hofer EL, Berkes MB. Pediatric Tibial Plateau Fracture-Dislocation: a case report

Hofer EL, Smith T, Gosselin M, Miller AN, et al. Effect of Proximal Tibial Instrumentation on Tibial Plateau Contact Pressure

Hofer EL, Smith T, Miller AN, et al. The Effect of Percutaneous Posterior Pelvic Ring Reduction and Fixation on Patient Reported Outcomes

Tornetta P, Seaver, T, et al. Short-term Complications Associated with Surgical Approaches to the Calcaneus

Hofer EL, McHenry TP, Beckish ML, Tanner SL. Threaded Cages Enable Successful Single-Level Posterior Fusion for High-Grade Spondylolisthesis in High-Demand Adolescent Athletes.

### **Other Research Experience**

Data Collection—University of Louisville Site

- Johnson J, et al. An Evaluation of the OTA-OFC System in Clinical Practice: A Multi-Center Study with 90 Days Outcomes. *J Orthop Trauma*. 2016; 30(11): 579-583.

Study subject—University of Louisville Department of Orthopaedic Surgery

- Robinson L, et al. Efficacy of Arthroscopic Teaching Methods: A Prospective Randomized Controlled Study. *Journal of Surgical Orthopaedic Advances*. 2017; 26(3): 154-159.

### **Volunteer Experience**

04/2018 – 06/2020

Chapter Coordinator, Medals 4 Mettle—Greenville, SC

M4M is a non-profit organization which facilitates the gifting of marathon, half marathon, and triathlon finishers' medals from runners to children dealing with chronic or debilitating illnesses. I founded the local chapter, organized medal donation sites, coordinate the pairing of medical students and residents with local children and will organize a medal ceremony following our designated races.

- 05/2018 Perry Outreach Program Volunteer, The Perry Initiative—Clemson, SC  
Spoke and worked with local female high school students on hands-on modules to encourage them to pursue careers in orthopaedics and engineering.
- 2012-2015 Volunteer Runner, Medals 4 Mettle—Louisville, KY  
Ran marathons and half marathons in honor of children fighting chronic illnesses. I raised awareness for Krabbe Leukodystrophy and raised money for Hunter's Hope Foundation in conjunction with my training.
- 2013 Student body representative— Dean Search Committee, University of Louisville School of Medicine
- 2011-2012 Research Assistant, Kosair Children's Hospital—Louisville, KY  
Collected data and enrolled patients in various research studies.

### **Work Experience**

- 08/2011 – 05/2015 Youth Soccer Coach, Louisville Soccer Alliance—Louisville, KY

### **Certifications**

- 2015-Present Basic Life Support  
2014-Present Advanced Cardiac Life Support  
2015-Present Advanced Trauma Life Support

### **Honors and Awards**

#### **Medical School**

- 2015 O.J. Hurt, M.D. Award, University of Louisville Department of Orthopaedic Surgery

#### **Undergraduate**

- 2007-2011 Presidential Scholarship, Morehead State University  
2007-2011 Athletic Scholarship, Morehead State University Women's Soccer

2008, 2009, 2010  
2010

Ohio Valley Conference Champion, Women's Soccer  
Ohio Valley Conference Offensive Player of the Year, Women's  
Soccer  
ESPN, CoSIDA Academic All-America Team, Women's Soccer,  
Second Team