

Camden B. Burns, MD

CURRENT POSITION:

Indiana University School of Medicine, Indianapolis, IN, 9/2017-Present

- Assistant Professor of Orthopedic Surgery
- Specialties: Spine Surgery, Orthopedic Trauma

EDUCATION:

University of Kentucky, Lexington, KY, 8/2002 – 5/2006

- Bachelor of Science in Biological Sciences, magna cum laude
- Pollard Scholarship, 2005 and 2006
- Academic Excellence Scholarship, 2004 and 2005

Marshall University School of Medicine, Huntington, WV, 8/2006 – 5/2010

- Doctor of Medicine
- AMA Medical Student Chapter Delegate, 2007-2008

SURGICAL TRAINING:

Orthopaedic Surgery Residency, 7/2010 – 6/2015

- State University of New York at Stony Brook, Stony Brook, NY

Orthopaedic Trauma Fellowship, 8/2015 – 7/2016

- University of Kentucky
- Director: Raymond Wright, MD

Spine Surgery Fellowship, 8/2016- 7/2017

- Harvard University Combined Massachusetts General-Brigham & Women's Hospital
- Co-Directors: Louis Jenis, MD and Christopher Bono, MD

HOSPITAL AFFILIATIONS:

Stony Brook University Medical Center, 7/2010-6/2015

Orthopaedic Surgery Resident
Stony Brook, NY

Winthrop University Hospital, 7/2010-6/2015

Orthopaedic Surgery Resident
Mineola, NY

Northport VA Medical Center, 7/2010-6/2015

Orthopaedic Surgery Resident
Northport, NY

University of Kentucky Medical Center, 8/2015-7/2016

Orthopaedic Trauma Fellowship
Lexington, KY

Massachusetts General Hospital, 8/2016-present

Spine Surgery Fellowship
Boston, MA

Brigham and Women's Hospital, 8/2016-present

Spine Surgery Fellowship
Boston, MA

Sydney and Lois Eskenazi Hospital, 9/2017-present

Orthopaedic Surgeon
Indianapolis, IN

IU North Hospital, 9/2017-present

Orthopaedic Surgeon
Carmel, IN

IU Methodist Hospital, 9/2017-present

Camden B. Burns, MD

Orthopaedic Surgeon
Indianapolis, IN

IU Riley Children's Hospital, 9/2017-present
Orthopaedic Surgeon
Indianapolis, IN

MEDICAL LICENSING EXAMINATIONS:

USMLE Step I – Passed, June 2008
USMLE Step II – Passed, December 2009
USMLE Step II Clinical Skills – Passed, October 2009
USMLE Step III – Passed, May 2011
ABOS Part I- Passed, August 2015
ABOS Part II- Passed, August 2019

RESEARCH AND ACADEMIC EXPERIENCE:

Biomechanical Comparison of Spinopelvic Fixation Constructs:

Iliac Screw versus Sacro-Alar-Iliac Screw, *Spine Deformity*. 4 (2016) 10-15

Authors: Camden Burns MD, Karan Dua BA, Nicholas Trasolini BSE, David Komatsu PhD, James Barsi MD.

- Biomechanical study comparing traditional S1-iliac bolt to the newer S1-sacro-alar-iliac technique of fusion to the pelvis, which has less hardware prominence, modular failure, and soft tissue dissection.
- Podium presentation at 2014 Eastern Orthopaedic Association Annual Meeting.
- Presented as E-poster at 2015 POSNA Annual Meeting
- Published in *Spine Deformity* January, 2016.

Establishing Benchmarks for the Volume-Outcome Relationship for Common Lumbar Spine Surgical Procedures.

The Spine Journal; January 2018, Volume 18 Issue 1, p 22-28

Authors: Andrew Schoenfeld MD, Daniel Sturgeon MS, Camden Burns MD, Tyler Hunt BS, Christopher Bono MD.

- Goal to provide meaningful volume surgical benchmarks with respect to degenerative lumbar spine surgery.
- 2017 Outstanding Paper Award Winner: Value in Spine Care

Book Chapter

Agulnick MA, Burns CB, Grossman M. **Spinal Injuries in Sports**. *Orthopaedic Surgery Essentials: Spine Surgery, 2nd Ed.* Bono CM, Schoenfeld AJ, editors. Lippincott Williams and Wilkins, 2016.

Video

Elliot Row, MD; Stephen Kottmeier, MD; Camden Burns, MD; Paul Tornetta III, MD; Dean G Lorch, MD. **Posterior**

Ankle Approach Strategies.

- AAOS video library

Laboratory of Human Behavioral Pharmacology, 2005-2006

Mentor: Craig R. Rush, Ph. D., University of Kentucky

- Clinical research position performing data collection, participant screening, urine drug and pregnancy screening, sobriety tests, and vital signs during sessions.

Site Director for Spine Resident Rotation, 2019-present

- IUSOM Department of Orthopedic Surgery

Site Director for 3rd Year Medical Student Rotation, 2019-present

- IUSOM Department of Orthopedic Surgery

Residency Program Evaluation Committee, IUSOM Department of Orthopedic Surgery, 2017-present

Camden B. Burns, MD

Residency Admissions Committee, IUSOM Department of Orthopedic Surgery, 2017-present

Academic Medical Mission to Eldoret Kenya, IUSOM Department of Orthopedic Surgery/Ampath

- MOI Teaching and Referral Hospital; Eldoret, Kenya
- February 2020 and March 2024

Mission Trip to Rancho Santa Fe, Honduras, Nuvasive Spine Foundation/One world Surgery

- November 2023
- 30 spine surgeries, 140 clinic patients, and >30 epidural injections in 5 days

2024 Garceau-Wray Lectureship, Moderator

- IUSOM Department of Orthopedic Surgery

Coordinator for IU Orthopedic Traveling Elective for Kenyan Residents, 2024

PROFESSIONAL AFFILIATIONS AND EXTRACURRICULAR MEMBERSHIPS:

Depuy Synthes, 2021-present

- Consultation and Spine Education

Stryker Spine, 2022

- Consultation and Spine Education

Nexxt Spine, 2022-present

- Consultation

4WEB Medical, 2022-present

- Consultation

American Academy of Orthopedic Surgeons, 2010 – Present

North American Spine Society, 2016-present

Orthopaedic Trauma Association, 2015-present

American Medical Association, 2007 – 2010

- Served as Marshall University School of Medicine (MUSOM) student chapter delegate from 2007-2008 and represented MUSOM at national meetings held in Chicago, IL, Honolulu, HI, and at the regional meeting in Morgantown, WV.

National Society of Collegiate Scholars, 2003

- University of Kentucky founding member.

Highland Golf and Country Club, 2018-present

- Indianapolis, Indiana

The Sagamore Club, 2022-present

- Noblesville, Indiana

The Hawthorns Golf and Country Club, 2022-present

- Fishers, Indiana