

CURRICULUM VITAE
BRIAN M. WEATHERFORD, MD

PROFESSIONAL TITLES:

Board Certified Orthopaedic Surgeon
Fellowship training in Orthopaedic Trauma and Foot and Ankle Surgery
Clinical Instructor, University of Illinois Chicago
Division Head Orthopaedic Trauma, Advocate Lutheran General Hospital
Assistant Site Director, UIC Orthopaedic Residency, Advocate Lutheran General Hospital

EDUCATION

Doctor of Medicine, 2008
University of Texas Health Science Center
7703 Floyd Curl, San Antonio, TX 78229
Cumulative GPA 4.0, class rank: 1

BA, Molecular and Cellular Biology, Spanish, *Cum laude*, 2004
Vanderbilt University
2201 West End Ave, Nashville, TN 37239

POSTDOCTORAL TRAINING

Residency, 2009-2013
Department of Orthopaedic Surgery
Northwestern University Feinberg School of Medicine
Michael Schafer, MD, Program Director and Chairman Emeritus
Terrance Peabody, MD, Chairman
676 N. Saint Clair, Suite 1350, Chicago, IL 60611

Internship, 2008-2009
Department of Surgery
Northwestern University Feinberg School of Medicine
Nathaniel J. Soper, MD, Chairman
251 E. Huron St, Galter 3-150, Chicago, IL 60611

FELLOWSHIPS

Orthopaedic Traumatology, 2013-2014
R Adams Cowley Shock Trauma Center
Robert V. O'Toole, MD, Program Director
Andrew N. Pollak, MD, Chairman
22 S. Greene St, Suite 11B, Baltimore, MD 21201

Foot and Ankle Surgery, 2014-2015
Orthopaedic Associates of Michigan
John G. Anderson, MD and Donald R. Bohay, MD, Program Directors
1111 Leffingwell Ave NE, Grand Rapids, MI 49525

LICENSING AND CERTIFICATION

State of Illinois Medical License (active)
State of Michigan Medical License (inactive)

STANDARDIZED TESTING

ABOS part I (written): passed 2013
ABOS part II (oral): passed 2017

USMLE Step 1: 246
USMLE Step 2 CK: 262
USMLE Step 2 CS: passed
USMLE Step 3: 233

Orthopaedic In-service Training Examination

2009: 92nd percentile
2010: 92nd percentile
2011: 96th percentile
2012: 95th percentile

PUBLICATIONS (PEER REVIEWED)

Swords, MP and **Weatherford, BM**. *High-Energy Pilon Fractures: Role of External Fixation in Acute and Definitive Treatment*. Foot Ankle Clin. 2020. In Press

Weatherford BM, Anderson JG, Bohay DR. *Management of Tarsometatarsal Joint Injuries*. J Am Acad Orthop Surg. 2017 Jul;25(7):469-479. PubMed PMID: 28574939

Weatherford BM, Bohay DR, Anderson JG. *Open Reduction and Internal Fixation Versus Primary Arthrodesis for Lisfranc Injuries*. Foot Ankle Clin. 2017 Mar;22(1):1-14. Review. PMID: 28167055

Larson JE, Patel AR, **Weatherford B**, Janicki JA. *Timing of Pavlik Harness Initiation: Can We Wait?* J Pediatr Orthop. 2017 Jan 16. PubMed PMID: 28098581

Switaj PJ, Wetzell RJ, Jain NP, **Weatherford BM**, Ren Y, Zhang LQ, Merk BR. *Comparison of modern locked plating and antiglide plating for fixation of osteoporotic distal fibular fractures*. Foot Ankle Surg. 2016 PMID: 27502223

Ghudasra JH, **Weatherford BM**, Nickoli MS, Daley EL, Chen K, Zhang LQ, Hashmi SZ, Hsu EL, Hsu WK. *The effect of rhBMP-2 in a novel, non-instrumented extremity nonunion model*. J Orthop Sci. 2016. PMID: 26740420

Hagen JE, **Weatherford BM**, Nascone JW, Sciadini MF. *Anterior intrapelvic modification to the ilioinguinal approach*. J Orthop Trauma. 2015. PMID: 25486000

PUBLICATIONS (PEER REVIEWED CONTINUED)

Switaj PJ, **Weatherford B**, Fuchs D, Rosenthal B, Pang E, Kadakia AR. *Evaluation of Posterior Malleolar Fractures and the Posterior Pilon Variant in Operatively Treated Ankle Fractures*. Foot Ankle Int. 2014. PMID: 24942618.

Marecek GS, **Weatherford BM**, Fuller EB, Saltzman MS. *The Effect of Axillary Hair on Surgical Antisepsis Around the Shoulder*. J Shoulder Elbow Surg. 2014. PMID: 25487899

Savage JW, **Weatherford BM**, Sugrue PA, Nolden MT, Liu JC, Song JK, Haak MH. *Efficacy of surgical preparation solutions in lumbar spine surgery*. J Bone Joint Surg Am. 2012. PMID: 22437997.

PUBLICATIONS (NON PEER REVIEWED)

Kulwin R and **Weatherford B**. *Management of Bone Defects of the Foot and Ankle*. Tech Foot and Ankle. 2020

Khazai RS and **Weatherford BM**. *Current Strategies in the Management of Syndesmotic Injuries*. Tech Foot and Ankle. 2018;17: 126-135

Weatherford BM, Sciadini MF. *Rush Grand Rounds: A 41-year old man with pelvic trauma*. Orthopedics Today. 2014

IN SUBMISSION

Risk Factors for Complications after Flap Coverage of Open Tibia Fractures; Principal Investigator Dr. Robert O'Toole

Risk Factors for Wound Failure after Primary Closure of Type IIIA Open Tibia Fractures; Principal Investigator Dr. Robert O'Toole

BOOK CHAPTERS

Haddad SL and **Weatherford BM**, *Internal Fixation of Jones Fractures*, In: Illustrated Tips and Tricks in Sports Medicine Surgery. Azar FM, ed. Wolters Kluwer, 2018

Weatherford B, *Bone Tumors*, In: Pocket Orthopaedic Surgery. Boughanem J and Shah R, eds. Philadelphia: Lippincott Williams and Wilkins, 2015

Weatherford B, *Femoral Shaft and Distal Femur Fractures*, In: Pocket Orthopaedic Surgery. Boughanem J and Shah R, eds. Philadelphia: Lippincott Williams and Wilkins, 2015

Weatherford B, *Tibial Plateau Fractures*, In: Pocket Orthopaedic Surgery. Boughanem J and Shah R, eds. Philadelphia: Lippincott Williams and Wilkins, 2015

Bridgeforth GM, **Weatherford B**, Carroll C IV. *Thumb Fractures*. In: Primary Care Musculoskeletal Radiology. Bridgeforth GM, Cherf J, Trivedi M, eds. Philadelphia: Lippincott Williams & Wilkins, 2011, pp 233-236.

POSTER PRESENTATIONS

The Efficacy of Surgical Preparations in Lumbar Spine Surgery

First place at OREF Research Day, Chicago, 2010

Lumbar Spine Research Society, 2011

Risk Factors for Late Presentation and Failed Pavlik Harness Treatment in Hip Dysplasia

Northwestern Research Day, 2011

Risk Factors for Late Presentation of Developmental Hip Dysplasia

Pediatric Orthopaedic Society of North America, 2012

The Effect of rhBMP-2 on Healing of an Ulna Nonunion Model

Feinberg School of Medicine Lewis Landsberg Research Day, 2012

Western Orthopaedic Association, 2015

Comparison of Lateral Locked Plating with Additional Distal Fixation and Antigliding Plating for Fixation Of Distal Fibular Fractures in Osteoporotic Bone

Orthopaedic Trauma Association, 2013

Three versus Four Screws: A Biomechanical Comparison of Vertical Femoral Neck Fracture Fixation

American Academy of Orthopaedic Surgeons, 2014

Risk Factors for Wound Failure after Primary Closure of Type IIIA Open Tibia Fractures

Orthopaedic Trauma Association, 2015

Magnetic Intramedullary Bone Transport. Treatment of Tibial Nonunion Following Unsuccessful Masquelet Reconstruction.

Chicago Medical School Clinical Poster Session, 2020

Compression Wrapping for Calcaneal Fractures after Extensile Lateral Approach

American Orthopaedic Foot and Ankle Society, 2020

PODIUM PRESENTATIONS

The Effect of rhBMP-2 on a Novel, Non-Instrumented Extremity Nonunion Model

16th Annual OREF/ORS Resident Research Symposium, 2013

The Effect of Axillary Hair on Surgical Antisepsis Around the Shoulder

American Orthopaedic Association/Canadian Orthopaedic Association, 2014

Mid America Orthopaedic Association, 2014

Comparison of Lateral Locked Plating with Additional Distal Fixation and Antigliding Plating for Fixation of Distal Fibular Fractures in Osteoporotic Bone

American Academy of Orthopaedic Surgeons, 2014

PODIUM PRESENTATIONS (CONTINUED)

A Predictive Model for Complications after Flap Coverage of Severe Open Tibia Fractures

Orthopaedic Trauma Association, 2014

AO North America OneAO, 2015

SOCIETIES AND MEMBERSHIPS

- American Academy of Orthopaedic Surgeons (AAOS)
- American Orthopaedic Foot and Ankle Society (AOFAS)
- Orthopaedic Trauma Association (OTA)
- AO Trauma North America (AONA)
- Mid-America Orthopaedic Association (MAOA)
- Health Volunteers Overseas (HVO)

INVITED COURSE FACULTY

Fellowship Pre-Meeting Round Table

How to Find a Job During a Global Pandemic

Orthopaedic Trauma Association Meeting, 10/2020

*Conducted virtually due to Covid-19

AAOS Part II One Day Board Preparation and Review Course, #3049

Trauma and Foot and Ankle Section

5/30/2020

*Conducted virtually due to Covid-19

Chicago Trauma Symposium

Debate: “The Proximal and Distal Tibial Metaphysis-Rods vs Plates”

Presentation: “Lower Extremity Osteomyelitis-Prevention and Treatment”

Presentation: “Salvage Procedures for the Post-Traumatic Foot”

Chicago, IL, 7/2019

AO North America Basic Principles

Presentations: “Introduction to Pilon Fractures”

Moderator: “Articular Fractures”

Chicago, IL 5/2019

AAOS Part II Board Certification Review Course

Trauma and Foot and Ankle Section

Rosemont, IL, 5/2019

AAOS/OTA Orthopaedic Trauma Update in Tactics and Techniques #3357

Presentation: “Subtrochanteric fractures”

Lab leader: “Femoral Nailing”

Orthopaedic Learning Center, Rosemont, IL, 12/2018

INVITED COURSE FACULTY (CONTINUED)

AO North America Basic Principles

Presentations: "Introduction to Pilon Fractures"

Chicago, IL 11/2018

OTA Young Practitioner's Forum

Presentation: "Do I Really Need Two Fellowships?"

Orlando, FL 10/2018

OTA Fall Resident Comprehensive Fracture Course

Invited Course Instructor for Foot and Ankle Module

Presentation: "Fractures of the Talus"

Orlando, FL 10/2018

Chicago Trauma Symposium

Presentation: "Lower extremity Osteomyelitis-Prevention and Treatment"

Moderator: Femur and Knee Fracture Section

Chicago, IL, 7/2018

OTA Spring Resident Comprehensive Fracture Course

Invited Course Instructor for Diaphyseal Module

Presentation: "Intramedullary Nailing Mechanics"

Chicago, IL, 4/2018

AO North America Basic Principles

Presentations: "Preoperative Planning" and "Introduction to Pilon Fractures"

Kansas City, MO, 3/2018

American Academy of Orthopaedic Surgery Annual Meeting

Symposium: "Trauma to the Foot and Ankle: Keeping the Surgeon Stable"

Presentation: "Calcaneal Fractures: Can We Really Put a Shattered Egg Back Together Again"

New Orleans, LA, 2/2018

AAOS/OTA Orthopaedic Trauma Update in Tactics and Techniques #3040

Presentation: "Midfoot Injuries"

Lab leader: "Ankle and Pilon fractures"

Orthopaedic Learning Center, Rosemont, IL, 12/2017

OTA Young Practitioner's Forum

Presentation: "How to Get What You Want in the OR"

Vancouver, BC, 10/2017

OTA Fall Resident Comprehensive Fracture Course

Presentation: "Fractures of the Tibial Plafond"

Vancouver, BC, 10/2017

INVITED COURSE FACULTY (CONTINUED)

Chicago Trauma Symposium

Debate: “Ankle Arthroscopy is a Useful Adjunct for Ankle Fractures”

Presentation: “Calcaneal Fractures-Evidence Based Management”

Chicago, IL, 7/2017

OTA Spring Resident Comprehensive Fracture Course

Presentation: “Lisfranc Injuries”

Lombard, IL, 4/2017

AO North America Basic Principles

Presentation: “Screw Design and Function”

Dallas, TX 3/2017

AAOS/OTA Orthopaedic Trauma Update in Tactics and Techniques #3273

Presentations: “Tibial Plateau Fractures” and “Midfoot Injuries”

Orthopaedic Learning Center, Rosemont, IL, 12/2016

AOFAS OLC Course 2016

Advanced Surgical Techniques in Foot and Ankle Reconstruction: Beyond Basic Procedures

Presentation: “Can’t We All Be Congruent? Strategies in Bunion Correction”

Lab Leader: “Options in Syndesmotomic Reconstruction”

Orthopaedic Learning Center, Rosemont, IL, 10/2016

OTA Fall Resident Comprehensive Fracture Course

Presentation: “Ankle Fractures” and “Fractures of the Tibial Plafond”

National Harbor, MD, 10/2016

Chicago Trauma Symposium

Presentation: “Post Traumatic Calcaneal Deformity: Salvage Scenarios”

Chicago, IL, 8/2016

AAOS/ASSH General Orthopaedic Review # 3261

Presentation: “Fractures and Fracture Dislocations of the Ankle and Foot”

Chicago, IL, 7/2016

OTA Spring Resident Comprehensive Fracture Course

Presentation: “Lisfranc Injuries”

Lombard, IL, 4/2016

AAOS/OTA Strategies and Tactics in Orthopaedic Extremity Trauma

Lab Instructor

Orthopaedic Learning Center, Rosemont, IL, 12/2015

INVITED COURSE FACULTY (CONTINUED)

OTA Fall Resident Comprehensive Fracture Course
Presentation: “Failed Fixation”
San Diego, CA, 10/2015

AOFAS Resident Review Course
Lecture: “Ankle and Pilon Fractures”
Orthopaedic Learning Center, Rosemont, IL, 10/2015

MEETING MODERATOR/PANEL MEMBER

AOFAS Meeting
Moderator for “Paper Session 3B: Trauma”
Chicago, IL, 9/2019

AAOS Annual Meeting, AOFAS Specialty Day
Expert Panel Member for “Hindfoot Trauma: I Hate Puzzles”
Las Vegas, NV, 3/2019

AAOS Annual Meeting
AOFAS Specialty Day
Moderator for Paper Session #3
New Orleans, LA, 2/2018

AOFAS Summer Meeting
Moderator for “Trauma Rounds: Interactive Hindfoot Case Presentations”
Seattle, WA, 7/2017

INVITED COURSE FACULTY (INDUSTRY SPONSORED)

DePuy Synthes Institute
Challenging Case Review
Tibial Plateau Fractures
8/19/2020
*Conducted virtually due to Covid-19

DePuy Synthes Institute
Comprehensive Solutions for Hip Fractures
Presentation: Femoral Neck Fractures: Repair versus Replace
Park Ridge, IL, 11/2018

DePuy Synthes Institute
Northshore University Health System
Surgical Dissection Course for Orthopaedic Residents
Northshore Evanston Hospital, Evanston, IL, 2/2018

INVITED COURSE FACULTY (INDUSTRY SPONSORED CONTINUED)

Depuy Synthes Institute
Orthopaedic Trauma Cadaveric SMART Lab
Presentation: “Distal Tibia Fractures”
Burr Ridge, IL, 9/2017

Depuy Synthes Institute
Northshore University Health System
Surgical Dissection Course for Orthopaedic Residents
Northshore Evanston Hospital, Evanston, IL, 2/2017

Depuy Synthes Institute
Nursing Continuing Education Orthopaedic SMART Lab
Northshore Evanston Hospital, Evanston, IL, 1/2017

Depuy Synthes Institute
Northshore University Health System
Surgical Dissection Course for Orthopaedic Residents
Northshore Evanston Hospital, Evanston, IL, 9/2015

INVITED COURSE CHAIRMAN (INDUSTRY SPONSORED)

Depuy Synthes Institute
Orthopaedic Trauma Cadaveric SMART Lab
Surgical Dissection Course for Orthopaedic Residents
Park Ridge, IL, 2/2019

INVITED LECTURESHIPS

Boston University Department of Orthopaedic Surgery Grand Rounds
“Salvage Procedures for Post Traumatic Foot and Ankle”, 6/2020
*Conducted virtually due to Covid-19

University of Chicago Department of Orthopaedic Surgery Grand Rounds
“Salvage Procedures for Post Traumatic Foot and Ankle”, 6/2020
*Conducted virtually due to Covid-19

Northwestern Department of Orthopaedic Surgery Grand Rounds
“Tibial Pilon Fractures: Early Learning Curve”, 6/2018

University of Chicago Department of Orthopaedic Surgery Grand Rounds
“Distal Tibia Fractures”, 1/2018

University of Chicago Department of Orthopaedic Surgery Grand Rounds
“Fuse It or Lose It: Lisfranc Injuries in the 21st Century”, 3/2017

Northwestern Department of Orthopaedic Surgery Grand Rounds
“Lisfranc Injuries”, 11/2016

ONLINE PUBLICATIONS, PRESENTATIONS AND RELATED ACTIVITY

Webinar: *Post Traumatic Reconstruction After Hindfoot Trauma*.

Moderator and Presenter

Orthopaedic Trauma Association. 2/2020

<https://ota.org/education/webinars/post-traumatic-reconstruction-after-hindfoot-trauma>

Webinar: *Tibial Pilon and Plateau Fractures*.

Core Curriculum Webinar Series. Orthobullets. 8/2017.

www.orthobullets.com/anatomy/12734/core-curriculum-webinar-series

Webinar: *Management of Tarsometatarsal Joint Injuries*.

Journal of the American Academy of Orthopaedic Surgeons. 7/2017.

<https://aaos.adobeconnect.com/pn860t1686ys/>

Midfoot Fractures and Dislocations.

Orthopaedic Trauma Association Residency Core Curriculum Lectures. 3/2017.

<http://ota.org/education/resident-resources/core-curriculum/lower-extremity/>

Calcaneal Fractures.

Orthopaedic Trauma Association Residency Core Curriculum Lectures. 3/2016.

<http://ota.org/education/resident-resources/core-curriculum/lower-extremity/>

Schroeder GD, Lynch TS, Patel RM, Williams JR, **Weatherford BM**, Sarwark JF: [Current Concepts in the Management of Juvenile Osteochondritis Dissecans of the Knee](#). *Orthopaedic Knowledge Online Journal* 2013

EDITORIAL SERVICE

Reviewer, *Journal of American Academy of Orthopaedic Surgeons*, Lippincott Williams & Wilkins, Philadelphia, PA

Reviewer, *Foot and Ankle International*, SAGE Publishing and American Orthopaedic Foot and Ankle Society, Thousand Oaks, CA

Reviewer, *Foot and Ankle Surgery*, Elsevier and European Foot and Ankle Society

PROFESSIONAL ACTIVITIES

AAOS Appropriate Use Criteria (AUC) Work Group: *Decision to Pursue Limb Salvage or Perform Early Amputation*, 1/2019-Present

AAOS Foot and Ankle Content Committee, 12/2018-Present

AOFAS Education Committee, 7/2017-Present

PROFESSIONAL ACTIVITIES (CONTINUED)

AAOS OrthoInfo, 6/2017-Present

Section editor, Foot and Ankle

Educational resource for the public on common foot and ankle conditions

<http://www.orthoinfo.org>

Orthobullets, 2012-Present

Deputy editor, Foot and Ankle and Trauma sections

Educational resource for Orthopaedic Surgeons

<http://www.orthobullets.com>

AAOS OrthoPortal Work Group, 9/2011-9/2012

Member of resident advisory committee to improve functionality of OrthoPortal

Orthopaedic Knowledge Online, 1/2011-5/2012

Coordinated resident writing of CME questions. Editors Dr. John Sarwark and Mr. Dan Blaustein

HONORS AND AWARDS

- Howard Rosen Teaching Award. AO Basic Principles. Rosemont, IL, 5/2019
- Alpha Omega Alpha Medical Honor Society, elected 2007
- MSP Designated Academic Scholarship, 2007-2008
- MSP Designated Academic Scholarship, 2006-2007
- Bowen-Vogt Medical Science Training Scholarship, 2005-2006

SKILLS

Fluent in conversational and medical Spanish