CURRICULUM VITAE BRIAN M. WEATHERFORD, MD

Professional titles:

Board Certified Orthopaedic Surgeon Fellowship Training in Orthopaedic Trauma and Foot and Ankle Surgery Clinical Assistant Professor, University of Illinois Chicago (UIC) Department of Orthopaedics Site Director, UIC Orthopaedic Residency, Advocate Lutheran General Hospital Division Head, Orthopaedic Trauma, 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

Orthopaedic 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)

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)

Weatherford BM, Matz J, Kandemir U. *Displaced Intra-articular Calcaneus Fractures: Extensile Lateral and Less Invasive Approaches*. Instr Course Lect. 2023;72:543-554. PMID: 36534878.

Fitch AA, Terhune EB, Cohn MR, Wright-Chisem J, **Weatherford BM**, Williams JC. *Periprosthetic Tibial Plateau Fractures After Unicompartmental Knee Arthroplasty Are Successfully Treated With Open Reduction and Internal Fixation*. Orthopedics. 2022 Apr 29:1-6. PMID: 35485885.

Swords, MP, **Weatherford, B.** High-Energy Pilon Fractures: Role of External Fixation in Acute and Definitive Treatment. What are the Indications and Technique for Primary Ankle Arthrodesis? Foot Ankle Clin. 2020. Dec;25(4):523-526. PMID: 33543715

Weatherford BM, Anderson JG, Bohay DR. *Management of Tarsometatarsal Joint Injuries*. J Am Acad Orthop Surg. 2017 Jul;25(7):469-479. 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. PMID: 28098581

PUBLICATIONS (PEER REVIEWED CONTINUED)

Switaj PJ, Wetzel 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

Ghodasra 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

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)

Gross M and **Weatherford B.** *Nailing of Proximal Third Tibial Shaft Fractures Using Cortical Substitution Screws.* J Orthop Trauma Grand Rounds. 2022

Kulwin R and **Weatherford B.** *Management of Bone Defects of the Foot and Ankle.* Tech Foot and Ankle. 20(3):130-140, September 2021

Khazai R and **Weatherford B.** *Current Strategies in the Management of Syndesmotic Injuries.* Tech Foot and Ankle. 17(3):126-135, September 2018

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

IN SUBMISSION/ONGOING

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

Articular Impaction in Pronation Abduction Ankle Fractures

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

BOOK CHAPTERS (CONTINUED)

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. 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 Antiglide 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 Antiglide Plating for Fixation of Distal Fibular Fractures in Osteoporotic Bone
American Academy of Orthopaedic Surgeons, 2014

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)
- · Health Volunteers Overseas (HVO)

INVITED COURSE DIRECTOR

AAOS Part II Board Exam Preparation and Review, #2303049 Co-Director with Apurva Shah, MD 5/23/2023

AAOS Part II Board Exam Preparation and Review, #3258 Co-Director with Apurva Shah, MD 5/21/2022

AAOS Part II Oral Exam Preparation Co-Director with Apurva Shah, MD 9/21/2021

AAOS One Day Part II Board Preparation and Review, #3358 Co-Director with Apurva Shah, MD 5/1/2021

Invited Course Faculty

AO North America Basic Principles Presentation: "Screw Design and Function" Charlotte, NC 1/2023

Fellowship Pre-Meeting Round Table How to Find a Job During a Global Pandemic Orthopaedic Trauma Association Meeting, 10/2020

AAOS Part II One Day Board Preparation and Review Course, #3049 Trauma and Foot and Ankle Section 5/30/2020

Chicago Trauma Symposium

Debate: "The Proximal and Distal Tibial Metaphysis-Rods vs Plates" Presentation: "Lower Extremity Osteomyelits-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

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

Invited Course Faculty (continued)

Chicago Trauma Symposium

Presentation: "Lower extremity Osteomyelits-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

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

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

Invited Course Faculty (continued)

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 Syndesmotic 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

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

AOAO Annual Meeting

Presentation: "Posterior Malleolar Fractures"

Chicago, IL, 11/2022

AAOS Annual Meeting

Instructional Course Lecture 476: Calcaneus and Talus Fractures: Pearls and Pitfalls

Presentation: "Open Reduction and Internal Fixation of Calcaneal Fractures"

Chicago, IL, 3/2022

MEETING MODERATOR/PANEL MEMBER (CONTINUED)

AAOS Annual Meeting

Instructional Course Lecture 476: Calcaneus and Talus Fractures: Pearls and Pitfalls Presentation: "Open Reduction and Internal Fixation of Calcaneal Fractures"

San Diego, CA, 9/2021

AOFAS Meeting

Moderator for "Paper Session 3B: Trauma"

Chicago, IL, 9/2019

AAOS Annual Meeting, AOFAS Specialty Day

Panel Member for "Hindfoot Trauma: I Hate Puzzles"

Las Vegas, NV, 3/2019

AAOS 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 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

Circular Frame Automation and Innovation

AOFAS Annual Meeting, Inustry Symposia

Quebec City, Canada, 9/14/22

Depuy Synthes Trauma and Extremities National Sales Meeting

Cannulated Screw Design and Function

Colorado Springs, CO, 3/12/22

Depuy Synthes, Johnson and Johnson Institute

Advanced Techniques in Intramedullary Nailing

Phoenix, AZ, 12/4/2021

Depuy Synthes, Johnson and Johnson Institute

TEC Talks

Early Clinical Experience: Tibial Nailing

11/3/2021

DePuy Synthes Institute Management of Proximal Femur Fractures 11/16/2020

DePuy Synthes Institute Challenging Case Review: Tibial Plateau Fractures 8/19/2020

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

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

Franciscan Health Department of Orthopaedics "Post-Traumatic Ankle Arthritis", 3/2023

Indiana University Department of Orthopaedic Surgery Orthopaedic Trauma Fellowship Grand Rounds "Post-Traumatic Ankle Arthritis", 2/2021 *Conducted virtually due to Covid-19

Boston University Department of Orthopaedic Surgery Grand Rounds "Salvage Procedures for Post-Traumatic Foot and Ankle", 7/2020 *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

AOFAS/BOFAS Webinar: Complex Pilon Fractures

Moderator

American Orthopaedic Foot and Ankle Society. 1/2022

https://prc.aofas.org/Listing/7ee219aa-8050-46f1-b8fb-ee30a1ee868d

Forefoot Fractures

Orthopaedic Trauma Association Residency Core Curriculum Lectures. 6/2021 https://ota.org/education/core-curriculum-lectures/lower-extremity-foot-and-ankle

AOFAS Webinar: Forgotten Fractures of the Foot

Moderator

American Orthopaedic Foot and Ankle Society. 3/2021

https://videolibrary.aofas.org/Public/Catalog/Home.aspx?tab=2

Online Publications, Presentations and Related Activity (Continued)

AOFAS Orthopod-Cast

Focus on Ankle Fractures: The Great Debates Part 1 American Orthopaedic Foot and Ankle Society. 3/2021

https://aofasorthopodcast.libsyn.com/focus-on-ankle-fractures-the-great-debates-part-1

AAOS Orthopaedic Video Theater

Salvage Procedures for Post-Traumatic Foot and Ankle. 3/2021 https://www.aaos.org/%2fvideos%2fvideo-detail-page%2f22988 Videos

Weatherford BM, ed: Ligament Injuries in the Forefoot, in Haddad SL, ed *Surgical Insights Ligament Injuries of the Foot and Ankle* [online course]. Rosemont, IL American Academy of Orthopaedic Surgeons, 2020.

OTA 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: <u>Current Concepts in the Management of Juvenile Osteochondritis Dissecans of the Knee</u>. *Orthopaedic Knowledge Online Journal* 2013

EDITORIAL SERVICE

Section Editor, Foot and Ankle, AAOS Comprehensive Orthopaedic Review, 4th edition

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

PROFESSIONAL ACTIVITIES

AAOS Appropriate Use Criteria (AUC) Work Group: Decision to Pursue Limb Salvage or Perform Early Amputation, 1/2019-1/2020

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

AOFAS Education Committee, 7/2017-7/2022

PROFESSIONAL ACTIVITIES (CONTINUED)

AAOS OrthoInfo, 6/2017-12/2021

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