

## CURRICULUM VITAE

### **BRIAN JEFFREY BEAR, M.D.**

Board Certified Orthopedic Surgery  
Fellowship trained in Shoulder, Elbow, Hand Microvascular Surgery  
President, Orthollinois

#### **PERSONAL**

Interests: Family, running, weightlifting, wrestling, music, theater

#### **EMPLOYMENT**

Orthollinois  
**President from 2000 thru Current**  
324 Roxbury Road  
Rockford IL 61107  
Phone: (815) 398-9491  
Fax: (815) 381-7498

#### **EDUCATION**

##### **High School**

Dates attended: New Trier High School, Winnetka IL  
September 1979 - June 1983  
Cumulative GPA approximately 3.75/4.00 exclusive of honors points

##### **University**

Dates attended: Northwestern University, Evanston IL  
September 1983 - June 1987  
Major/Degree: Biology/Physiology concentration  
Cumulative GPA: 3.76/4.00  
Science GPA: 3.89/4.00  
Honors/Awards: Graduated with Distinctions (top 5%), Phi Beta Kappa, President Mortar  
Board Senior Honor Society, Fran Hunter Academic Scholarship at the Rocky Mountain Biological Laboratory, Alpha Tau Omega - Thomas Arkle Clark Chapter Award for Outstanding Community Service, Academic Achievement and Campus Leadership, Special Olympics Coaching Award

Activities: Co-Founder Northwestern Community Service Network, Special Olympic Coach, Muscular Dystrophy Volunteer, General Chemistry Laboratory Teaching Assistant, Varsity Wrestling Team 1983-1984, Wildcat Wrestling Club, Rugby Club, Executive Board Member Alpha Tau Omega Fraternity.

#### **EDUCATION: (cont.)**

##### **Medical School:**

Northwestern University Medical School, Chicago IL  
Dates Attended: September 1987 - June 1991  
NMBE: Part I, Total Score - 675 (96th percentile)  
Honors: Alpha Omega Alpha, McGraw Hill Academic Achievement Award To The Top Two Students after One Year of Medical School, Summer Medical Student Research Fund Recipient  
Activities: C.P.R. Instructor, Muscular Dystrophy Volunteer, Special

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1

Olympics Coach, Horizons Youth Program, Patient Perspective, Anatomy Prosector

**Internship:** Cottage Hospital General Surgery Residency Program,  
Program Director: George Higgins, Santa Barbara CA  
Dates Attended: June 1991 - June 1992

**Residency:** Hospital for Special Surgery, New York NY  
Surgeon in Chief: Russell F. Warren  
Dates Attended: July 1992 - July 1996

**Honors:** Annual Jean McDaniel Award: Presented to the chief resident who demonstrates a high level of professional skill, is dedicated to the ethics of medicine and is committed to resident education and the communities of the Hospital for Special Surgery

**Fellowship:** Mayo Clinic one-year Hand Fellowship July 1996 - July 1997

**Board Certified:** American Board, Orthopaedic Surgeons: Initial Certification  
July 1999 – December 2009  
Re-Certified December 2009 – December 2019

**C.A.Q. Surgery of the Hand:** Certificate Added Qualification Surgery of the Hand: August  
2004 – December 2014  
Re-Certified December 2009 – December 2019  
Re-Certified November 2007-December 2029

**Review Editor:** Journal of Shoulder and Elbow Surgery  
Techniques in Hand and Upper Extremity Surgery

**Honors** Castle Connelly Regional Top Doctor, 2014, 2015, 2016,  
2017, 2018, 2019, 2020, 2021, 2022, 2023, and 2024.

Castle Connelly Top Hand Doctor, 2018, 2019, 2020

Best Doctors in America List, 2014

Community Preceptor of the Year, University of Illinois  
College of Medicine Residency Program, 2001

Golden Apple Teaching Award, University of Illinois College  
of Medicine @ Rockford

**SOCIETIES:** American College of Physician Executives, 2009  
Mid-America Orthopaedic Association 2001  
AAOS Active Member, 2000  
Illinois Association of Orthopaedic Surgeons, 2000

*August 2016*

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Winnebago County Medical Society 1999  
AAOS Fellowship, 1994  
Chicago Hand Society  
Illinois State Medical Society, 1991  
Carpe Diem Hand Club

### **ACADEMIC APPOINTMENTS:**

Assistant Clinical Professor of Orthopedic Surgery, Rush  
University

Journal of Shoulder and Elbow Surgery: Review Board  
Clinical Associate Professor, Surgery, University of Illinois  
College of Medicine

University of Illinois College of Medicine at Rockford  
Department of Surgery Executive Committee, 1999-2000  
University of Illinois Medical School Senate Member, 1998  
Instructor Orthopaedic Surgery: Mayo Clinic, Rochester MN,  
1996-1998

### **RESEARCH**

#### Publications:

Guild T, Onsen L, Rivers M, Cheski R, Bear B, Izquierdo R  
Detritic Synovitis with Osteolysis Leading to Pathologic  
Fracture and Deltoid Avulsion Following Total Shoulder  
Arthroplasty." Journal of Shoulder Elbow Arthroplasty.  
2018 Volume 2:1-5

Logli AL, Bear J, Schwartz E, Korcek K, Foster B. A  
Prospective Randomized Trial of Splinting after Minicarpal  
Tunche Release. The Journal of Hand Surgery, 2018,  
Volume 43, Issue 8, 775.e-775.e8

Logli AL, Twu J, Bear B, Lindquist J, Schoenfeldt T, Korcek  
K. Arthroscopic Partial Trapeziectomy with Soft Tissue  
Interposition for Symptomatic Trapeziometacarpal Arthritis:  
6-Month and 5-year Minimum Follow-Up. The Journal of  
Hand Surgery 2018, Volume 43, Issue 4, 384.e1-384.e7

Treatment of Recurrent Dupuytren Contracture in Joints  
Previously Effectively Treated with Collagenase Clostridium

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histolyticum. Bear, Brian J. et al. Journal of Hand Surgery  
2017, Volume 42, Issue 5, 391.e1 - 391.e8

Saleh KJ; Bear B; Bostrom M; Wright T; Sculco TP. Initial  
Stability of Press Fit Acetabular components: A  
Biomechanical Study. Am J Orthop. 2008 Oct. 37 (10)  
51922:

Chicoye SJ, Bear BJ, Midtling JE: Orthopedics *In* Rakel  
RE(ed): Textbook of Family Practice, 6<sup>th</sup> ed. Philadelphia,  
WB Saunders 2002, pp 891-949.

Bear, B.J., Laskin, R.: Dissociation of a Nonmodular,  
Cemented, Metal-backed Acetabular Component.  
Orthopedics. 20(12); 1179-80, 1997 Dec.

Yang, S.S., Williams, R., Bear, B.J.: Leiomyoma of the Hand  
in a Child Who Has the Human Immunodeficiency Virus.  
Journal of Bone & Joint Surgery – American Volume.  
78(12); 1904-6, 1996 Dec.

Yang, S.S., Bear, B.J., Weiland, A.J.: Rupture of the Flexor  
Pollicis Longus Tendon after 30 Years by a Retained  
Foreign Body. JHS 20B: 6; 803-805, 1995.

Fareed, D.O., Bear, B.J.: Microscopic Decompression of the  
Suprascapular Nerve: A New Musculoskeletal Sparing  
Approach. J. Orthop. Tech. Vol 2, #2 June 1994, pp. 69-75

#### Presentations/Abstracts

The effectiveness of a Dynamic Stability Therapy Protocol in the treatment of CMC Arthritis.  
Rockford, IL 2024.

Expert participant in a Delphi panel on the clinical research management of Dupuytren  
disease. West Chester, PA 2020.

Clinical Orthopedic Society Annual Meeting: Chest Flap Reconstruction for Coverage of  
Complex Hand Injuries with Severe Soft Tissue Loss. New  
Orleans, LA 2016.

Use of Local Anesthesia During Finger Extension: Effects on Efficacy and Safety of  
Collagenase Clostridium Histolyticum for Concurrent  
Treatment of Two Dupuytren's Contractures. 867 Local  
Anesthesia ASSH Podcast June 2014

Instructor ASSH OLC Elbow Course, Rosemont, IL, August 2013

Presentation: minimally invasive arthroscopic thumb  
surgery and on traumatic elbow instability. St. Marianna  
Hospital Tokyo, Japan. July 2013

*August 2016*

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American Association of Hand Surgeons: Annual Meeting, Paper Presentation: Arthroscopic Partial Trapeziectomy with Soft Tissue Interposition for Symptomatic Trapezoidmetacarpal Arthritis. Naples, FL July 2013

Arthroscopy Association of North America Annual Meeting: Arthroscopic Partial Trapeziectomy with Soft Tissue Interposition for Symptomatic Trapezoidmetacarpal Arthritis. San Antonio, TX. April 2013

Clinical Orthopedic Society Annual Meeting: Arthroscopic Partial Trapeziectomy with Soft Tissue Interposition for Symptomatic Trapezoidmetacarpal Arthritis. Chicago, IL 2012

Instructor AAOS/ASES Elbow Reconstruction: Arthroscopy, Instability, Fracture and Arthroplasty, October 2012

Presentation: Elbow Instability, Physical Therapy Power hour April 2012

Instructor ASSH 2011 Advanced Techniques in Reconstructive Elbow Surgery, July 2011

Instructor AAOS Wrist Injuries: State of the Art: External Fixation of the Distal Radius, April 2011, Rosemont, IL

Instructor: ASSH Instructional Course Lecture #017: Fractures of the Hand, September 2010, Boston, MA

Presentation: Distal Bicep Tendon Repair; AAOS/ASES Meeting, October 2010, Rosemont, IL

Live Presentation Physical Therapy Power hour: Cadaver Dissection: A Demonstration of UE Surgical Techniques, University of IL College of Medicine Rockford, Rockford, IL April 2010

Presentation: The Mangled Hand, 1<sup>st</sup> Annual Orthopedic Trauma Symposium, Rockford, IL November 2009

Instructor ASSH/AAOS Advanced Techniques in Reconstructive Elbow Surgery, June 2009, Rosemont, IL

Instructor AAOS/ASES Open and Arthroscopic Techniques in Shoulder Surgery #3314, May 2009, Rosemont, IL

Presentation: What's New In Upper Extremity Surgery; OSF Saint Anthony Medical Center May Day Conference, May 2009, Rockford, IL

Emergency Room Management; Common Hand Problems, March 2009, Association of Occupational Medicine Physicians, Lyle, IL

Instructor AAOS Elbow Reconstruction: Arthroscopy, Instability and Arthroplasty #3213, December 2008, Rosemont, IL

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Instructor ASSH/AAOS Wrist and Elbow Arthroscopic Techniques and Innovations, August 2008, Rosemont, IL

Presentation: Anatomy of the Wrist Ligaments: AAOS Wrist and Elbow Arthroscopy: Techniques and Innovations, Rosemont, IL August 2008

Presentation: External Fixation of Distal Radius Fractures: AAOS Wrist and Elbow Arthroscopy: Techniques and Innovations, Rosemont, IL August 2008

Presentation: Perilunate Injuries: AAOS Wrist and Elbow Arthroscopy: Techniques and Innovations, Rosemont, IL August 2008

Presentation: Carpe Diem Hand Club Meeting: Lateral Ulnar Collateral Ligament Repair in the  
Unstable Elbow Fracture Dislocation, July 2008,  
Snowmass, CO

Instructor AAOS Current Options in the Treatment of Wrist Injuries #3205, May 2008, Rosemont, IL

Instructor AAES/AAOS Shoulder and Elbow Course, January 2007, Rosemont, IL

Presentation: The Simple Elbow Dislocation AAOS/ASES Shoulder and Elbow Course. Rosemont, IL January 2007

Instructor ASSH/AAOS Wrist and Elbow Arthroscopic Techniques and Innovations, June 2006, Rosemont, IL

Instructor AAOS/ASES Open Arthroscopic Techniques in Shoulder Surgery, January 2006, Rosemont, IL

Shoulder Instability AAOS/ASES Open Arthroscopic Shoulder Course. Rosemont, IL January 2006

Instructor AAOA/ASES Open and Arthroscopic Techniques in Shoulder Surgery, April 2005, Rosemont, IL

Instructor AAOS/ASES Surgical Techniques and Management of Shoulder & Elbow, January 2005, Rosemont, IL

Presentation: Partial Wrist Denervation for Treatment of Chronic Wrist Pain. Carpe Diem Hand Club, Half Moon Bay, CA 2005

Instructor AAOS Shoulder and Elbow Arthroscopy Course, January 2004, Rosemont, IL

Presentation: Interferential Electrical Stimulator for the Treatment of Lateral Epicondylitis: Presented Carpe Diem Hand Club, Jackson Hole, WY 2004

Instructor Advanced Shoulder and Elbow Course, October 30-Nov. 1, 2003, Rosemont, IL

Presentation: Importance of Dorsal Radiocarpal Ligament in Wrist Exposure. Carpe Diem Hand Club, Nantucket, MA 2003

Instructor Advanced Arthroscopic & Open Shoulder Surgery, #3414, July 2002, Rosemont, IL

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Biomechanics of the Dorsal Intercarpal and Dorsal Radiocarpal Ligaments: Presented Chicago Hand Society, 2001

Instructor AAOS Open and Arthroscopic Shoulder Surgery: Advanced Anterior and Posterior Techniques, May 15-17, 1998, Rosemont, IL

Office Management of Common Upper Extremity Conditions; Bear B: Illinois Family Practice Association Rockford, IL 1998

Initial Stability of Press Fit Acetabular Components; Bear, B., Bostrom, M.; Sculco, T.; Eastern Orthopedic Association, Hilton Head Island, North Carolina 1996; AAOS, San Francisco, California 1997.

Patella Fracture after Anterior Cruciate Ligament Reconstruction Using Bone Patella Bone Autogenous Grafts: Bear, B., Codhen, S., Warren, R.: Presented American Academy of Orthopaedic Surgeons, Atlanta, Georgia 1996. Orthopaedic Transactions 1996.

Relationship of Age to Hospital Cost and Reimbursement for Primary Unilateral Total Hip Arthroplasty: A Two-year Comparative Study: Bear, B.J., Evans, B., Salvati, E.: Presented American Academy of Orthopaedic Surgeons, Orlando Florida 1995. Orthopaedic Transactions 1995.

Relationship of Age to Hospital Cost and Reimbursement for Primary Unilateral Total Hip Arthroplasty: Evans, B., Bear, B.J., Salvati, E.: Presented American Academy of Orthopaedic Surgeons, New Orleans, Louisiana. Orthopaedic Transactions 1994.

Total Hip Arthroplasty Cost Issues: Bowman Gray School of Medicine Total Hip and Total Knee Arthroplasty 1994 Update Bowman Gray School of Medicine, Winston-Salem, NC.

#### Research:

Protocol #AUX-CC-860: Long Term follow up of subjects treated with AA4500 in Studies AUX-Cc-854, AUX-CC856, AUX-CC-857/858, and AUX-CC-859.

Protocol #AUX-CC-862: Retreatment of recurrent contractures in joints effectively treated with AS4500 (Collegenase Costridium Histolyticum [Xiaflex/Xiapex]) in an Auxilium Sponsored Phase 3 Study in the United States, Australia, and Europe.

Protocol #AUX-CC-867: A Phase 3b Open-Label Historically Controlled Study to assess the safety and efficacy of two concurrent injections of AA4500 in adult subjects with multiple Dupuytren's contracutres with palpable cords.

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Ascension Radial Head Study Protocol #CP-RH-002

Carpal Tunnel Study- Randomization of Post- Op  
Treatment, Splint, No Splint, Removable Splint

Ascension PIP, Primary Investigator, Humanitarian use  
device study. 2004-present.

Auxilium Pharmaceuticals, Primary Investigator, Phase 3  
open label safety and efficacy study of a study drug injection  
into Dupuytren's contracture site. 2007-2009.

Auxilium Pharmaceuticals, Primary Investigator, Phase 3  
blinded safety and efficacy study of a study drug injection  
into Dupuytren's contracture site. 2007-2009.

Rocky Mountain Biological Laboratory, John Cairn, Ph.D.,  
University Center for Environmental Studies, Virginia  
Polytechnical Institute, Blacksburg, Virginia.

1. Effects of acid rain on fresh water ecosystems.
2. Co-author of an environmental impact statement.

Luciano Dias, M.D., Department of Pediatric Orthopaedic  
Surgery, Northwestern University Medical School: Bone  
Scintigraphy in the Analysis of Legg-Calve-Perthes'  
Disease.

James Wolf, M.D., Chairman Transplantation Surgery,  
Northwestern University Medical School; Ken Baur, Ph.D.,  
Director of Flow Cytometry and Quantitative Cytology,  
Northwestern University Medical School: Flow cytometric  
analysis of early markers of cell cycle activity in mixed  
lymphocyte cultures.

Brian Bear, M.D., Richard Berger, M.D., and Allen Bishop:  
Department of Hand Surgery, Mayo Clinic: Wrist Fusion  
After Failed Total Wrist Arthroplasty

Brian Bear, M.D., Robert Hotchkiss, M.D.: Department of  
Hand Surgery, Hospital for Special Surgery: Effects of  
Muscle Tension in the Unstable Elbow.