

## CURRICULUM VITAE

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

Board Certified Orthopedic Surgery  
Fellowship trained in Shoulder, Elbow, Hand Microvascular Surgery  
President, Rockford Orthopedic Associates, Ltd.

#### **PERSONAL**

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

#### **EMPLOYMENT**

Rockford Orthopedic Associates, Ltd.  
324 Roxbury Road  
Rockford IL 61107  
Phone: (815) 398-9491  
Fax: (815) 381-7498

#### **APPOINTMENTS**

Assistant Clinical Professor of Orthopedic Surgery,  
University of Illinois College of Medicine @ Rockford

#### **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.

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#### **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 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

**Honors:** 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, 2000

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#### **SOCIETIES:**

American College of Physician Executives, 2009  
Mid-America Orthopaedic Association 2001  
AAOS Active Member, 2000  
Illinois Association of Orthopaedic Surgeons, 2000  
Winnebago County Medical Society 1999  
AAOS Fellowship, 1994  
Chicago Hand Society  
Illinois State Medical Society, 1991  
Carpe Diem Hand Club

#### **ACADEMIC APPOINTMENTS:**

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:

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) 519-22:

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

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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

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

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

*September 2013*

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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

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

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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

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  
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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-CC-856, 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 contractures with

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palpable cords.

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.



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#### **CONTINUING EDUCATION CREDITS**

SEAK: How to Start and Build an IME Practice, Naples, FL February 2013,

4<sup>th</sup> Annual Current Trends in Orthopedic Trauma Symposium, Rockford, IL November 2012

2012 Fall Coach and Mentoring American College of Physician Executives, November 2012

13<sup>th</sup> Annual Physician Leadership Conference, September 2012

Hand Society Meeting, Hyatt Regency, September 2012

Carpe Diem Hand Club Meeting: Arthroscopic treatment of trapeziometacarpal arthritis.

Laguna Niguel, July 2012

University of California, Irving School of Medicine, November 2011

Grand Rounds – OSF Saint Anthony Medical Center: What is new in Upper Extremity Surgery? Rockford, IL November 2011

3<sup>rd</sup> Annual Current Trends in Orthopedic Trauma Symposium, Rockford, IL November 2011

12<sup>th</sup> Annual Physician Leadership Conference, September 2011

66<sup>th</sup> Annual ASSH Meeting, September 2011

2<sup>nd</sup> Annual Current Trends in Orthopedic Trauma Symposium, Rockford, IL November 2010

65<sup>th</sup> Annual ASSH Annual Meeting, October 2010

Carpe Diem 11<sup>th</sup> Annual Hand Club Meeting, July 2010

OSF Saint Anthony Leadership Conference, October 2009

1<sup>st</sup> Annual Current Trends in Orthopedic Trauma Symposium, “The Mangled Hand”  
November 2009

ABOS Prometric Testing, Sycamore, IL September 2009

ASSH/ASHT Combined Meeting, San Francisco, CA September 2009

Carpe Diem Hand Club Meeting Lecture: Complex Distal Radius Fractures, Hawaii July 2009

63rd ASSH Annual Meeting, Chicago, IL September 2008

OSF Saint Anthony Leadership Conference, Lake Geneva, WI September 2008

ASSH 2006 Specialty Day, Chicago, IL March 25, 2006

American Society for Surgery of the Hand Specialty Day Chicago, IL, April 25, 2006,

CMC Joint Think Tank, Mayo Clinic, Rochester, MN July 2004

Carpe Diem Hand Club Meeting, Jackson Hole, WY June 2004

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Online Self-Assessment Exam, April – August 2004

58<sup>th</sup> ASSH Annual Meeting, Chicago, IL September 2003

Masters Techniques in Elbow and Hand Surgery ASSH Meeting, Rosemont, IL September 2003

57<sup>th</sup> ASSH Annual Meeting, Phoenix, AZ October 2002

Hand, Wrist, & Elbow Arthroplasties, Phoenix, AZ October 3, 2002

27th Annual Meeting - EOA, Hilton Head Island SC October 16-20, 1996

Wrist Fracture Course, Rosemont, IL 2002

2002 Sports Injuries, New York, NY July 12-13, 2002

ASSH, Sports Injuries of the Upper Extremity, Hand, Wrist, Elbow and Shoulder: Diagnosis and Treatment, New York City, NY July 12-13, 2002

Advanced Elbow Course, Rosemont, IL November 2000

Advanced Shoulder Arthroscopy Course, Jackson, MS October 2000

55<sup>th</sup> ASSH Annual Meeting, Seattle, WA October 2000

Musculoskeletal Symptoms Workplace Pre-course, Seattle, WA October 5, 2000

2000 Wrist Arthroscopy, Rosemont, IL August 4-6, 2000

Management of Wrist Problems, Philadelphia Hand Center/Jefferson Medical College, Philadelphia, PA March 1999

DRUJ, Current Concepts: Distal Radioulnar Joint, Minneapolis, MN September 10, 1998

53rd ASSH Annual Meeting, Minneapolis, MN September 1998

AAOS Open and Arthroscopic Shoulder Surgery: Current Concepts and Techniques, Rosemont, IL December 5-7, 1997

Education Design Long Bone Fractures: Treatment Indications & Surgical Techniques in Orthopedic Trauma, Bloomingdale, IL November 1, 1997

AAOS Reconstructive Surgery of the Elbow: Techniques, Trauma Management, and Fixation, Rosemont, IL October 17-18, 1997

64th AAOS Annual Meeting, San Francisco, CA February 13-17, 1997

American Shoulder & Elbow Surgeons Specialty Day, San Francisco, CA February 16, 1997

American Society for Surgery of the Hand Specialty Day, San Francisco, CA February 16, 1997