

Brian Jesse Foster, M.D.

Orthollinois
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EDUCATION & TRAINING

2011-2012: **Harvard Hand and Upper Extremity Fellowship**, Boston, MA

- Brigham and Woman's Hospital/Children's Hospital Boston

2006-2011: **Loyola University Medical Center**, Maywood, IL

- Orthopedic Surgery Residency
- Department of Orthopaedic Surgery and Rehabilitation

2002-2006: **Wayne State University School of Medicine**, Detroit, MI

- Doctor of Medicine
- Member of Alpha Omega Alpha
- Academic Achievement Award for Honors in Years I, II, & III
- Admissions office tour guide
- Mentor and speaker to undergraduate students

1998-2002: **University of Richmond**, Richmond, VA

- Bachelor of Science in Biology
- Graduated Magna Cum Laude with Biology Departmental Honors
- Dean's List
- Beta Beta Beta Biology National Honors Society
- Gamma Sigma Epsilon Chemistry National Honors Society
- Golden Key National Honors Society
- Phi Gamma Delta fraternity- associated community service projects
- University of Richmond Crew Team

RESEARCH EXPERIENCE

2008-2011: Department of Orthopaedic Surgery, Loyola University Medical Center, Maywood, IL

- Effect of sagittal plane position in two-level lumbar disc arthroplasty, under Drs. Avinash Patwardhan, PhD and Alexander Ghanayem, M.D.

2005: Department of Orthopaedic Surgery, William Beaumont Hospital Research Institute, Royal Oak, MI

- Quantification of patient activity level and the relationship to implant wear in total hip arthroplasty, under Dr. Perry Greene, M.D.

1999-2002: Department of Chemistry, University of Richmond, Richmond, VA

- Studying and characterizing the NUDIX hydrolase family of enzymes, under Dr. Suzanne O'Handley, PhD.

PUBLICATIONS AND PRESENTATIONS

- Foster BJ, Bindra RR. Intrafocal pin plate fixation of distal ulna fractures associated with distal radius fractures. *J Hand Surg Am* 2012; 37(2):356-9.
- Bindra RR, Foster BJ. Management of proximal interphalangeal joint dislocations in athletes. *Hand Clinics* 2009; 25(3):423-35.
- Foster BJ, Pinzur MS. Surgical fixation of ankle fractures in diabetic patients. *Loyola University Chicago Orthopaedic Journal* 2008; 17:40-43.
- Foster BJ, NUDIX Hydrolases: A family of versatile, widely distributed, “housecleaning” enzymes. University of Richmond Honors Thesis, 2002.
- Foster BJ, Earp BE, Leung A, Blazar PE. Is a Single Volar Locked Plate Adequate Fixation for AO Type C Distal Radius Fractures? Poster presentation at American Society for Surgery of the Hand 2012, Chicago, IL.
- Foster BJ. Fingertip Injuries. Grand Rounds at Loyola University Medical Center, 2011.
- Foster BJ. Fracture-Dislocations of the Hand. Grand Rounds at Loyola University Medical Center, 2010.
- Foster BJ. Effect of implant position on spinal biomechanics in two-level lumbar disc arthroplasty. Podium presentation at Mid-America Orthopaedic Association 2010 Annual Meeting, Lost Pines, TX.
- Foster BJ, O’Handley SF. NMR structural studies of the NUDIX hydrolase orf135 from e.coli. Poster presentation at Biophysical Society 2002 Annual Meeting, San Francisco, CA.
- Foster BJ, Cunningham J, O’Handley SF. NUDIX hydrolases from mycobacterium tuberculosis. Poster presentation at American Society for Biochemistry and Molecular Biology 2001 Annual Meeting, Orlando, FL.
- Foster BJ, O’Handley SF. NTPA from H. influenzae, a novel enzyme of the NUDIX hydrolase family. Poster presentation at 2000 University of Richmond Arts and Science Symposium, Richmond, VA.

CURRENT RESEARCH

- 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 palpable cords
- Carpal Tunnel Study: Randomization of post-op treatment; splint, no splint, removable splint

PROFESSIONAL MEMBERSHIPS

- American Academy of Orthopedic Surgery Candidate Member
- ASSH Candidate Member
- American Society for Surgery of the Hand
- Winnebago County Medical Society

EMPLOYMENT, TRAVEL, AND EXTRACURRICULAR EXPERIENCE

- 2000-2001: Nursing Assistant in Surgical Intensive Care Unit: Spectrum Health Butterworth Campus, Grand Rapids, MI
- 2009: Medical mission trip to Saigon, Vietnam with Dr. Terry Light
- 2010: Participant in Resident Leadership Forum at the American Orthopaedic Association Annual Meeting, San Diego, CA

- 2010: Physician at Lewis University Athletic Training Room
- 2011: Recipient of Loyola University Medical Center Department of Orthopaedic Surgery Schwartz Traveling Fellowship; performed fellowship in 2012, studied under Professor Margaret McQueen at The Royal Infirmary of Edinburgh, Scotland
- 2012: Team Physician for the Rockford Ice Hogs, American Hockey League
- 2013: Clinical Instructor, University of Illinois College of Medicine @ Rockford