

## Mathew J. Most, MD

Department of Orthopaedic Surgery  
Mayo Clinic  
200 First Street SW  
Rochester, Minnesota 55905  
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### EDUCATION AND TRAINING

<b>Fellowship</b>	Mayo Clinic Musculoskeletal Oncology	Rochester, Minnesota July 28, 2007 – August 1, 2008
<b>Residency</b>	State University of New York at Stony Brook Orthopaedic Surgery	Stony Brook, New York July 1, 2003 – June 30, 2007
<b>Internship</b>	State University of New York at Stony Brook General Surgery	Stony Brook, New York July 1, 2002 – June 30, 2003
<b>Medical School</b>	State University of New York Upstate Medical University Doctor of Medicine USMLE Step 3, December 2006 – 232/96 USMLE Step 2, March 2002 – 249/95 USMLE Step 1, June 2000 – 252/99	Syracuse, New York August 1998 – May 19, 2002
<b>Undergraduate</b>	State University Of New York at Buffalo Bachelor of Arts, Biological Sciences <i>Magna cum laude</i> Bachelor of Science, Anatomical and Physiological Sciences <i>Magna cum laude</i>	Buffalo, New York August 1994 – June 1, 1998

### HONORS AND AWARDS

*Alpha Omega Alpha* Honor Medical Society, Upstate Medical University – September 2001  
University Honors Scholar, University at Buffalo – 1994-1998  
*Sigma Xi* Student Research Competition Undergraduate Winner, University at Buffalo – April 1998  
*Phi Beta Kappa*, University at Buffalo – Spring 1997  
Golden Key Honor Society, University at Buffalo – Spring 1996  
*Phi Eta Sigma* Freshman Honor Society, University at Buffalo – Spring 1995

### RESEARCH EXPERIENCE

Resident Research Project, SUNY Stony Brook Department of Orthopaedic Surgery – 2005-current  
Mentor: Dr. David I. Zaret, Department of Orthopaedic Surgery, Winthrop University Hospital  
Project: “Biomechanical Evaluation of a Novel Syndesmosis Fixation Technique”

Upstate Medical University Department of Medicine Student Research Fellowship – Summer 1999  
Mentors: Dr. Tawfic Hakim, Associate Professor, Department of Medicine  
Dr. Jeffrey Freedman, Associate Professor, Department of Physiology  
Project: “Effects of Hypoxia and Hypercapnia on Human Red Blood Cell ATP Release”

Howard Hughes Medical Institute Program for Excellence in Biological Sciences Research Scholar,  
University at Buffalo – 1995-98

Mentor: Dr. Gail Willsky, Associate Professor, Department of Biochemistry

Project: “Vanadium Compounds in the Treatment of Diabetes Mellitus”

## PROFESSIONAL LICENSES AND MEMBERSHIPS

Minnesota License Number 50080

DEA License Number FM0324474

American Board of Orthopaedic Surgery, Board-eligible – July 2007

ABOS Certification Exam, Part 1, July 2007 – Passed, 86<sup>th</sup> percentile

American Academy of Orthopaedic Surgery, Resident Member – 2005-present

American Medical Association – July 2007-present

Minnesota Medical Association – July 2007-present

Zumbro Valley Medical Association – July 2007-present

## ACTIVITIES AND MEMBERSHIPS

Orthopaedic Research Review Committee, Mayo Clinic Department of Orthopaedic Surgery – 2007-08

Chair, *Alpha Omega Alpha* Upstate Medical University Annual Coats and Cans Drive – 2001-02

Orthopaedic Surgery Club, Upstate Medical University – 1999-2002

American Medical Association, Upstate Medical University medical student chapter – 1998-2002

Chapter Vice President – 2001-02

Voting Delegate, Annual Meeting, Medical Student Section, Chicago IL – 2001

## PUBLICATIONS

**Most MJ**, Ianuzzi A, Khalsa PS, Zaret DI. A biomechanical evaluation of syndesmosis fixation techniques in Maisonneuve fractures: Does adding a plate make a difference? Revising for publication, 2008

Gitelman A, **Most MJ**, Stephen M. Traumatic thoracic spondyloptosis without neurological deficit treated by in-situ fusion: a case report and review of literature. Submitted to *Journal of Orthopaedic Trauma*, 2008.

Slesarenko YA, Wang ED, **Most MJ**. Simultaneous dislocations of the carpometacarpal joints: a case report. *Hand Surg* **10** (2-3): 275-7, 2005.

## PRESENTATIONS

“Osteosarcoma of the Pelvis” – Minnesota Orthopaedic Society 2008 Annual Meeting, Minneapolis, Minnesota; May 9, 2008 (abstract submitted).

“Complications in Orthopaedic Oncologic Surgery” – 2008 Ivins Society Meeting, Nashville, Tennessee; October 18-20, 2007.

“A Biomechanical Evaluation of Syndesmosis Fixation Techniques in Maisonneuve Fractures: Does Adding a Plate Make a Difference?” – SUNY at Stony Brook 12<sup>th</sup> Annual Orthopaedic Symposium, Stony Brook, NY; June 22, 2006.

“Skeletal Metastases: Current Concepts” – SUNY at Stony Brook Department of Orthopaedic Surgery Grand Rounds, Stony Brook, NY; September 14<sup>th</sup>, 2005.

“Oxovanadium Compounds: A New Hope For Diabetes Mellitus?” – Sigma Xi Student Research Poster Competition, Buffalo, NY; April 30<sup>th</sup>, 1998. (Undergraduate Award Winner)

“Oxovanadium Compounds: A New Hope For Diabetes Mellitus?” - 3<sup>rd</sup> Annual Hughes Undergraduate Scholar Research Symposium, Buffalo, NY; April 15<sup>th</sup>, 1998.