# Mizzou Med Student #6

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#### Education

University of Missouri (MU) School of Medicine - M.D.

Expected May 2013

- USMLE Step 1: 248/99
- USMLE Step 2: 269

## University of Missouri-Columbia (MU) - B.S., Chemistry

May 2009

• GPA: 3.91/4.0, Summa Cum Laude

#### **Honors & Awards**

Clinical Coursework: Honors in Surgery, OB/GYN, Psychiatry	2011-2012	
Clinical Coursework: Letters of Commendation in Internal Medicine, Family Med, Neurology 2011-2012		
Pre-Clinical Coursework Honors from Tutors: Pathophysiology I, II, III, & IV	2010-2011	
General Honors Certificate University of Missouri	2009	
Phi Beta Kappa Honor Society Member	2009	
MVP National Championship & All American MU Club Basketball Team	2009	
MU Arts & Science Leaders Scholarship	2008-2009	
MU Thomas T. Strange Scholarship	2008-2009	
MU Ralph K & Maxine J. Hibbs Scholarship	2008-2009	
MU Arts and Science Development Scholarship	2007-2009	
MU E. W. Mares and Dr. Kenneth R. Mares Scholarship	2007-2009	
Missouri Bright Flight Scholarship	2005-2009	
MU Excellence Scholarship	2005-2009	
MU Bess & George Corrigan Scholarship	2006-2007	
MU Rose & Ben Harrelson Scholarship	2005-2006	

#### **Research Publications**

Bottenus BN, Kan P, Ballard B, Rold TL, Barnes C, Cutler C, Hoffman TJ, Green M, Jurisson SS. Gold(III) Bis-Thiosemicarbazonato Complexes: Synthesis, Characterization, Radiochemistry and X-ray Crystal Structure Analysis. (2010) Nuclear Medicine and Biology. Vol 37 Issue 1, 41-49.

## **Abstracts & Presentations**

Kuhns CA, Pfeiffer F, Jeffries J; Choma T. Bailout Screw Placement in the Posterior Subaxial Cervical Spine—Is a Spinolaminar Screw a Viable Option? <u>2011 Cervical Spine Research Society (CSRS) Annual Meeting, Scottsdale, Arizona, Dec. 8-10.</u>

Crist BD, Khazzam M., Murtha YM, Della Rocca GJ. Anteromedial versus Anterolateral Approaches for Pilon Fractures: a comparison of complications and functional outcomes. <u>AO North America's meeting</u>, '2012 Challenges in Fracture Care Across Disciplines', Lake Buena Vista, Florida, Feb 23-25.

Pfeiffer F, Kuhns CA, Jeffries J; Choma T. Bailout Screw Placement Option for the Subaxial Cervical Spine (C3 to C6): A Biomechanical Study of Posterior Cervical Spinolaminar Screw Placement. Orthopaedic Research Society (ORS) 2012 Annual Meeting, San Francisco, California, Feb 4-7.

Crist BD, Khazzam MS, Murtha YM, Della Rocca GJ. Anteromedial versus Anterolateral Approaches for Pilon Fractures: a comparison of complications and functional outcomes. <u>2012 Mid-America Orthopaedic Association Annual Meeting</u>. April 18-22. Bonita Springs, FL. Abstract #117. Regional Meeting.

Pfeiffer F, Kuhns CA, Johns CA, Johns J, Jeffries J; Choma T. Bailout Screw Placement Option for the Subaxial Cervical Spine (C3 to C6): A Biomechanical Study of Posterior Cervical Spinolaminar Screw Placement. Poster #413 to be presentated at the 18th International Meeting on Advanced Spine Techniques (IMAST), in Copenhagen, Denmark, July 13-16, 2011.

Crist BD, Della Rocca GJ, Khazzam M, Wade AM, Murtha YM. Functional outcomes of patients undergoing anterolateral versus anteromedial approaches of the ankle for pilon fractures. <u>2010</u> <u>Health Sciences Research Day-University of Missouri, Columbia, Missouri.</u>

### Research In Progress

MU Department of Orthopaedic Surgery, Brett Crist, MD

2009 - Present

- Retrospective Chart Review of the Incidence of Vitamin D deficiency in an Orthopaedic Trauma Population and a Prospective study looking to establish screening and treatment strategies in this population
- Case Reports: Clavicle Malunion Operative Techniques; Talar Body Extrusion

MU Department of Orthopaedic Surgery, Craig Kuhns, MD

2009 - Present

- Anatomical Requirements and Limitations of Salvage Techniques Used in Posterior Cervical Fixation
- Cervical Osteology Study
- FloSeal (hemostatic agent) for hemostasis during vertebral pedicle screw placement Does it cause pulmonary compromise?

MU Department of Orthopaedic Surgery, Seth Sherman, MD

2011 - Present

- The On-field Management of Selected Upper Extremity Orthopedic Conditions With a Focus on Same Day Return-to-play
- The On-field Management of Selected Lower Extremity Orthopedic Conditions With a Focus on Same Day Return-toplay
- The Team Physician: Pre-Preparation and Emergency Assessment of the Downed Athlete
- MTF Grant Proposal to research an all-arthroscopic meniscal allograft transplant w/ soft-tissue only fixation

#### Leadership

President, MU Orthopeadic Interest Group President, MU Surgery Club Vice President, MU Surgery Club Secretary, MU Orthopaedic Interest Group Service	2011-2012 2011-2012 2010-2011 2010-2011
Volunteer, MU MedZou Clinic Organizer & Volunteer, MU "Friday Night Lights" Free Orthopaedic Clinic Volunteer, MU MedZou Musculoskeletal Health Clinic Night Volunteer, MU Med Prep Program Volunteer, Granny's House	2009-Present 2011-Present 2011-Present 2011 2007-2010
Activities	
Member, MU Orthopaedic Interest Group Member, MU Wilderness Medicine Interest Group Student Ambassador, MU School of Medicine Teacher, Summer Sunday Morning Bible School	2009-Present 2011-Present 2009-2010 2009-Present

#### **Interests**

Spending time with my wife & dog, Cooking, Sporting/Skeet Clay Shooting, Fantasy Football, Piano, Lifting Weights, St. Louis Cardinals, and NBA basketball