Comparative Orthopaedic Lab

"Finding a joint solution"

www.columc.missouri.edu

Current Projects

• Stemless Shoulder Arthroplasty
• Fresh Meniscus-OCA Grafts
• Optimizing Allograft Tissue Preservation
• Biomarkers for Osteoarthritis
• Relationship of Vascular Disease with OA
• Pedicle Screw Fixation in Osteoporosis
• Femoral-Acetabular Impingement Model
• Models for Disc Degeneration
• In vitro Model of Traumatic Arthritis
• On-field Diagnosis of Meniscal Pathology
• Distal Humerus Fixation Testing
• Biologic Total Joint Arthroplasty

Last quarter’s “top 5”

1. COL Team presented 13 papers at the Orthopaedic Research Society Annual Meeting
2. COL research on cartilage allograft preservation receives worldwide media exposure
3. Orthopaedics-BioEngineering receives Mizzou Advantage funding for new faculty position
4. Dr. Sam Franklin becomes a Diplomate in the American College of Veterinary Surgeons
5. Dr. Cook is guest editor with Dr. Jack Farr for Cartilage Repair in the Knee four-issue series in The Journal of Knee Surgery

12th Annual Comparative Orthopaedics Day

Friday, April 27th, 2012 at The Missouri Orthopaedic Institute

This year, we are honored to welcome Dr. Andy Schmidt to deliver the keynote addresses for the 12th Annual Comparative Orthopaedics Day. Presentations of original research in the field of orthopaedics will be included in the full-day program. Dr. Schmidt is a world-renowned orthopaedic traumatologist with an extensive research program focused on compartment syndrome and musculoskeletal infections. He is currently Professor of Orthopaedics at the University of Minnesota and the Hennepin County Medical Center in Minneapolis, MN, specializing in trauma care and adult reconstructive surgery. Dr. Schmidt is PI for two Department of Defense funded studies investigating compartment syndrome, which he will discuss in his presentation entitled, “Compartment Syndrome – New Ideas about an Old Problem.”

We are thrilled to have Dr. Schmidt as our 2012 Littlejohn Family Keynote Lecturer for the 12th Annual Comparative Orthopaedics Day event!

Sponsored by The Littlejohn Family Endowment

Recent Pubs

9. Franklin SF; Cook JL. What is the evidence? Total hip replacement vs femoral head and neck excision. JAVMA 2011