Comparative Orthopaedic Lab

"Finding a joint solution"

www.columc.missouri.edu

Current Projects

• Relationship of Vascular Disease with OA
• Intra-Articular Therapy for OA
• Tissue Engineered Meniscal Scaffolds
• Optimizing Allograft Tissue Preservation
• Pedicle Screw Fixation in Osteoporosis
• Clinical Evaluations of ACP
• Biomarkers for Osteoarthritis
• Multiscale Modeling of OA
• Biomarkers in Physical Therapy
• On-field Diagnosis of Meniscal Pathology
• Comparison of Suture Anchors
• Biologic Total Joint Arthroplasty

Last quarter’s “top 5”

1. Dr. Prakash Jayabalan won both the RCAF and Phi Zeta Research competitions!
2. The COL received grants for five new projects in 2011!
3. The COL had 19 posters & presentations at the 2011 ORS Conference!
4. The COL received the best poster award at the 2011 VOS Conference!
5. COL surgeons worked with Dr. Suedmeyer (KC Zoo) to repair a severe fracture in a coyote!

11th Annual Comparative Orthopaedics Day

Friday, April 22nd, 2011 at The Missouri Orthopaedic Institute

This year, we are honored to welcome Dr. James Ogilvie to deliver the keynote addresses for the 11th Annual Comparative Orthopaedics Day. Dr. James Ogilvie is a clinician-scientist extraordinaire in spine. He truly spans the gap from the molecule to the “real world” patient through his outstanding work in areas as broad as inheritance and genetic testing for scoliosis to minimally invasive techniques for anterior spine fusion surgery. He has included microarrays, animal models, and biomechanics in the broad spectrum of research techniques he is using to find answers for our toughest clinical problems. Dr. Ogilvie did part of his training at The US Air Force Academy, was a Commander in The US Naval Reserves, and is currently a Professor of Orthopaedic Spine Surgery at the University of Utah. He provides an excellent example of an extremely accomplished surgeon who is utilizing comparative and translational orthopaedics to change science and medicine. We are thrilled to have Dr. Ogilvie as our 2011 Littlejohn Family Keynote Lecturer for the 11th Annual Comparative Orthopaedics Day event!

Sponsored by The Littlejohn Family Endowment

Recent Pubs

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