Comparative Orthopaedic Lab
“Finding a joint solution”
www.columc.missouri.edu

Current Projects

- In Vivo Performance of OCAs
- Relationship of Vascular Disease with OA
- Intra-Articular Therapy for OA
- Tissue Engineered Meniscal Scaffolds
- Pedicle Screw Fixation in Osteoporosis
- Novel Strategies for Preventing PTOA
- In Vitro Models of Disc Degeneration
- Biomarkers for Osteoarthritis
- Multiscale Modeling of OA
- Biomarkers in Physical Therapy
- On-field Diagnosis of Meniscal Pathology
- Biologic Total Joint Arthroplasty

Last quarter’s “top 5”

1. Mary Cockrell was honored for 25 years of service to the University of Missouri!
2. Dr. Prakash Jayabalan earned his PhD in Pathobiology!
3. Katie O’Brien and Nicole Waters received the Annual COL Clinical & Research Awards!
4. Dr. Prakash Jayabalan won the Missouri Life Sciences Research Award!
5. The 11th Annual Comparative Orthopaedics Day was held at the MOI!

Another Successful Comparative Orthopaedics Day

Dr. James Ogilvie (pictured with Drs. Bill Carson, Ted Choma, and Marc Asher) gave two outstanding keynote talks for the 11th Annual Comparative Orthopaedics Day, and the research presentations were exceptional. Everyone enjoyed the interactions and the learning, and the Missouri Orthopaedic Institute provided the perfect venue for this event. We sincerely appreciate the sponsorship and supported provided The Littlejohn Family Endowment so that we can continue to bring in internationally recognized speakers and share our work with others!

We also presented the 2011 COL Making a Difference Award at CO Day to Mrs. Kathryn Allen. Mrs. Allen has provided strong support, encouragement, and inspiration to the COL since our inception, and with her husband Dr. Bill Allen, created the endowed professorship held by our Director, Dr. James Cook. Mrs. Allen has definitely made a huge difference in our development and our continued success towards “finding a joint solution!”

Recent Pubs

2. Franklin SF, Cook JL. What is the evidence? Total hip replacement vs femoral head and neck excision. JAVMA 2011
6. Cook JL; et al. The OARSI histopathology initiative – Histopathological assessments of osteoarthritis in the dog. OA & Cartilage 2010