



e-news

Comparative Orthopaedic Lab

"Finding a joint solution"

www.columc.missouri.edu

Current Projects

- Bio-Implants for Rotator Cuff Repair
- Nanotechnology in Tissue Engineering
- Optimizing Allograft Tissue Preservation
- Biomarkers for Osteoarthritis
- Novel Osteotomy Technique for ALDs
- Pedicle Screw Fixation in Osteoporosis
- Multiscale Modeling of OA
- *In vitro* Model of Traumatic Arthritis
- Characterization of Meniscal Pathology
- Nutritional Management of OA
- Bioscaffolds for Osteochondral Grafts
- Biologic Total Joint Arthroplasty

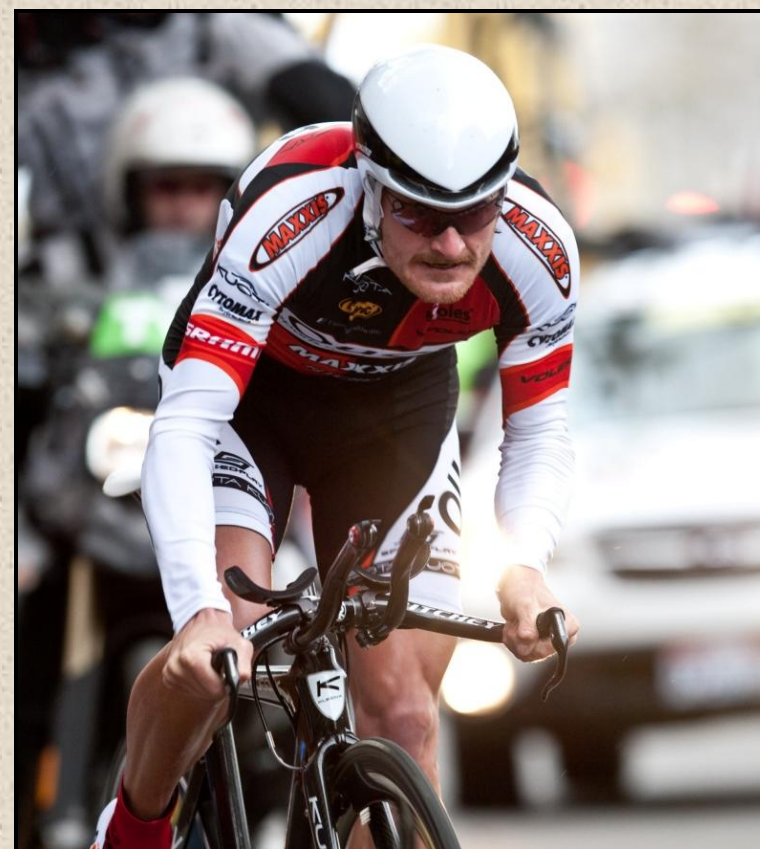
Last quarter's "top 5"

1. Dr. Garner passed Clinical Pathology boards!
2. COL submitted 17 abstracts for the 2010 ORS meeting
3. Dr. Kuroki presented an invited lecture at the International OARSI meeting
4. Nicole Waters and Chris Hanks completed their MS programs in the COL
5. COL work featured on fbresearch.org and *One Health Initiative* publications

The 3rd COL Arthritis Benefit featuring FLOYD LANDIS

Saturday, November 14th 2009
Orr Street Studio, Columbia, MO

The COL's Arthritis Benefit is a fundraiser that helps support our work in diagnosing, treating, and, hopefully one day, curing arthritis in people and pets. The event will feature a silent auction, dinner, music, and a keynote address by Mr. Landis. The COL Arthritis Benefits have always been incredible events that all attendees have raved about, and all proceeds go directly to support our work in arthritis research. Table sponsors so far include **Smith+Nephew, Zimmer, Arthrex, and Drs. Dana and Sonny Bal Orthopaedic Endowment**. To attend the event, please contact Gina (damicolandeckg@missouri.edu) or Linda (salmonl@missouri.edu) for details.



Recent Pubs

1. Cook JL, Cook CR. Evidence Based Medicine: Forelimb Lameness in Dogs. JAVMA 2009.
2. Luther JK, et al. Meniscal release in cruciate intact stifles causes lameness and cartilage pathology. Vet Surg 2009.
3. Anz AG, et al. The effect of bupivacaine and morphine in a co-culture model of diarthrodial joints. Arthroscopy Rel Res 2009
4. Cook JL, Cook CR. Bilateral shoulder and elbow arthroscopy in dogs with forelimb lameness. Vet Surg 2009
5. Cook CR, et al. Diagnostic imaging of canine elbow dysplasia: A review. Vet Surg 2009
6. Fox DB, et al. *In vitro* model to assess mechanisms and efficacy of a conduit for treatment of avascular meniscal injuries. Cell Dev Biol 2008
7. Venable RO, et al. Examination of synovial fluid hyaluronan as a biomarker for osteoarthritis in the stifle of dogs. Am J Vet Res 2008
8. Jayabalan P, Bal BS. Review of biomaterials in total knee arthroplasty. Minerva Orthop Traumatol 2008