Stemless Shoulder Arthroplasty
Cervical Spine Fixation Testing
Optimizing Allograft Tissue Preservation
Biomarkers for Osteoarthritis
Relationship of Vascular Disease with OA
Pedicle Screw Fixation in Osteoporosis

• 3D Modeling of Pelvic Fractures
• Tissue Engineered Meniscus
• 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. Emma’s Story about work in the COL received a 2011 Telly Award
2. Three COL articles featured in special issue of Clinical Orthopaedics & Related Research
3. COL investigators received 6 new extramurally-funded research grants
4. First major publication of our OA biomarkers work in the Journal of Knee Surgery
5. Dr. Cook is guest editor with Dr. Clark Hung for Clinical Relevant Strategies for Treating Cartilage and Meniscal Pathology in CORR

Osteoarthritis Biomarkers work published in The Journal of Knee Surgery

Doctors Bridget Garner, Aaron Stoker, Kei Kuroki, Rich Evans, Cristi Cook and Jimi Cook published the first article on our novel and exciting biomarker panel for screening, early diagnosis, staging and treatment monitoring for osteoarthritis. This article was included in a Special Focus issue of The Journal of Knee Surgery.

It is exciting to see this work in print as we are hopeful that we will be able to fully validate our biomarker panel for clinical use in dogs and people so that more optimal preventative and therapeutic strategies and be effectively developed and tested.

We think this is a big step in our mission to better treat, and one day cure, arthritis in people and animals!

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