Thompson Laboratory for Regenerative Orthopaedics
“Discovering Better”

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Current Projects

• Fracture Risk in Adolescence
• Mizzou BioJoint® Outcomes & Cost-Efficacy
• Mizzou Knee Arthrometer Testing System
• BioJoint® ACL Reconstruction
• Bone Quality after Bariatric Surgery
• Partial Thickness Rotator Cuff Tear Repair
• Updating Skeletal Maturity Methods
• Canine Total Hip Arthroplasty
• BioJoint® Flex Knee Rehab System
• Motion Analysis for Risk of Injury
• Biomarkers for IVD Disease
• Sex Differences in ACL Graft Healing

Last quarter’s “top 5”

1. Dr. Richard Ma receives Spurgeon Distinguished Medical Research Award
2. Dr. Dana Duren’s landmark study on skeletal maturity receives international recognition
3. International Joint Preservation Conference honors Mizzou BioJoint with Research Award
4. Lisa Royse and Alyssa Shaw receive graduate degrees
5. Dr. Mauricio Kfuri publishes landmark study on tibial plateau fracture classification

Dr. Richard Ma Receives Spurgeon Research Award

Dr. Richard Ma is the 2018 recipient of the MU School of Medicine’s Dorsett L. Spurgeon MD Distinguished Medical Research Award for his outstanding work as a clinician-scientist.

Dr. Ma’s research focus is primarily in sports medicine in the areas of anterior cruciate ligament (ACL) reconstruction, elbow and shoulder surgery, and arthroscopic surgery.

Dr. Ma leads the ACL research program in the TLRO with a current focus of understanding how the external mechanical environment affects healing of ACL grafts, as well as determining how the biologic responses of articular tissues can be harnessed to reduce failure and to improve outcomes for patients.

Congratulations on this well deserved honor!

Recent Pubs

4. Cook JL and Stannard JP. Current use of biologics in clinical orthopaedics. GCMS J 2018