

GRANT J. DORNAN

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EDUCATION

- 2011 MSc COLORADO STATE UNIVERSITY, Fort Collins, CO
Department of Statistics
- 2008 BS COLORADO STATE UNIVERSITY, Fort Collins, CO
Department of Mathematics

PROFESSIONAL AND DEVELOPMENT EXPERIENCE

- 2011-Present STEADMAN PHILIPPON RESEARCH INSTITUTE
Biostatistician
- 2011 MASTER'S THESIS, Department of Statistics, CSU, Fort Collins, CO
*Habitat Estimation through Synthesis of Species Presence/Absence Information
and Environmental Covariate Data*
- Summer 2010 U.S. CENSUS BUREAU
Internship – Statistical Methods and Sample Design Staff
- 2005-2011 ROCKY MOUNTAIN HIGH SCHOOL
Baseball Coach – Varsity and C Team

PROFESSIONAL MEETINGS AND CONFERENCES

- 2016 XXVIIIth International Biometric Conference – Victoria, Canada
- 2016 AOSSM Annual Meeting – Colorado Springs, Colorado
- 2016 useR! Conference – Stanford, California
- 2016 17th ESSKA Congress – Barcelona, Spain
- 2015 Regression Modeling Strategies Short Course – Nashville, Tennessee
- 2014 35th International Society for Clinical Biostatistics (ISCB) – Vienna, Austria
- 2013 69th Deming Conference on Applied Statistics – Atlantic City, New Jersey
- 2013 American Academy of Orthopaedic Surgeons (AAOS) – Chicago, Illinois
- 2012 Joint Graybill Conference – WNAR Annual Meeting of IBS – Fort Collins, Colorado
- 2011 Graybill Conference – Nonparametric Methods – Fort Collins, Colorado

RESEARCH AWARDS

2016 AOSSM Excellence in Research Award

- Schon JM, Moatshe G, Brady AW, Cruz RS, Chahla J, **Dornan GJ**, Turnbull TL, Engebretsen L, LaPrade RF. *Anatomic Anterolateral Ligament Reconstruction of the Knee Leads to Overconstraint at any Fixation Angle*. AOSSM Annual Meeting, Colorado Spring, CO. July 7-10, 2016.
- This award is given to the best paper submitted in any category to the Awards Committee with a primary author under the age of 40 at the time of the Annual Meeting.

2016 ESSKA Basic Scientist Travel Grant Award

- **Dornan G.**, Nitri M., Rasmussen M., Williams B., Moulton S., Cruz R., Goldsmith Mary, LaPrade R. *Robotic assessment of anterolateral ligament: Reconstruction of the anterolateral and anterior cruciate ligament*. 17th ESSKA Congress, Barcelona, Spain. May 4-7 2016.
- Recognizes the top 4 outstanding basic science abstracts submitted to the biennial ESSKA international congress.

2015 ISAKOS Achilles Sports Medicine Research Award

- LaPrade CM, Foad A, Smith SD, Turnbull TL, **Dornan GJ**, Engebretsen L, Wijdicks CA, LaPrade RF. *Biomechanical Consequences of a Nonanatomic Posterior Medial Meniscal Root Repair*. Am J Sports Med. January 26, 2015.
- Awarded to recognize the researchers(s) who have performed the most outstanding clinical or laboratory research in the field of sports medicine.

2013 Albert Trillat Young Investigator's Award

- Padalecki, JR; Jansson, KS; Smith, SD; Pierce, CM; **Dornan GJ**; Wijdicks, CA, LaPrade, RF. *Biomechanical Consequences of a Complete Radial Tear Adjacent to the Medial Meniscus Posterior Root Attachment Site*. 2013 Annual Meeting of the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine, Toronto, Canada, May 2013.
- This award is given in recognition for outstanding clinical laboratory research contributing to the understanding, care or prevention of injuries to the knee.

2013 Richard N. Villar Trainee Excellence in Clinical Research Award

- Nepple JJ, Philippon MJ, Campbell KJ, **Dornan GJ**, Jansson KS, LaPrade RF, Wijdicks CA. *The Effect of an Acetabular Labral Tear, Repair, Resection, and Reconstruction on the Hip Fluid Seal*. International Society for Hip Arthroscopy Annual Meeting, Munich, Germany, Oct 10-12, 2013.
- The ISHA Awards were created with the intention to stimulate and reward younger researchers who contribute high-quality data and presentations.

PEER-REVIEWED PUBLICATIONS

1. Dean CS, Chahla J, Matheny LM, Cram TR, Moulton SG, **Dornan GJ**, Mitchell JJ, LaPrade RF. Posteromedially placed plates with anterior staple reinforcement are not successful in decreasing tibial slope in opening-wedge proximal tibial osteotomy. *Knee Surg Sports Traumatol Arthrosc.* 2016 Sep 9. [Epub ahead of print] PMID: 27613538
2. Schon JM, Moatshe G, Brady AW, Serra Cruz R, Chahla J, **Dornan GJ**, Turnbull TL, Engebretsen L, LaPrade RF. Anatomic Anterolateral Ligament Reconstruction of the Knee Leads to Overconstraint at Any Fixation Angle. *Am J Sports Med.* 2016 Jul 12. pii: 0363546516652607. [Epub ahead of print] PMID: 27407088
3. Aga C, Wilson KJ, Johansen S, **Dornan G**, La Prade RF, Engebretsen L. Tunnel widening in single- versus double-bundle anterior cruciate ligament reconstructed knees. *Knee Surg Sports Traumatol Arthrosc.* 2016 Jun 21. [Epub ahead of print] Review. PMID: 27329174
4. Petri M, Euler SA, **Dornan GJ**, Greenspoon JA, Horan MP, Katthagen JC, Millett PJ. Predictors for satisfaction after anatomic total shoulder arthroplasty for idiopathic glenohumeral osteoarthritis. *Arch Orthop Trauma Surg.* 2016 Jun;136(6):755-62. doi: 10.1007/s00402-016-2452-6. Epub 2016 Apr 16. PubMed PMID: 27085883.
5. Geeslin AG, Civitarese D, Turnbull TL, **Dornan GJ**, Fuso FA, LaPrade RF. Influence of lateral meniscal posterior root avulsions and the meniscofemoral ligaments on tibiofemoral contact mechanics. *Knee Surg Sports Traumatol Arthrosc.* 2016 May;24(5):1469-77. doi: 10.1007/s00167-015-3742-1. Epub 2015 Aug 7. PubMed PMID: 26249111.
6. Ho CP, Surowiec RK, Frisbie DD, Ferro FP, Wilson KJ, Saroki AJ, Fitzcharles EK, **Dornan GJ**, Philippon MJ. Prospective In Vivo Comparison of Damaged and Healthy-appearing Articular Cartilage Specimens in Patients With Femoroacetabular Impingement: Comparison of T2 Mapping, Histologic Endpoints, and Arthroscopic Grading. *Arthroscopy.* 2016 Aug;32(8):1601-11. doi: 10.1016/j.arthro.2016.01.066. Epub 2016 Apr 29. PMID: 27132779
7. Wilson KJ, Surowiec RK, Ho CP, Devitt BM, Fripp J, Smith WS, Spiegl UJ, **Dornan GJ**, LaPrade RF. Quantifiable Imaging Biomarkers for Evaluation of the Posterior Cruciate Ligament Using 3-T Magnetic Resonance Imaging: A Feasibility Study. *Orthop J Sports Med.* 2016 Apr 8;4(4):2325967116639044. doi: 10.1177/2325967116639044. eCollection 2016 Apr. PubMed PMID: 27104206; PubMed Central PMCID: PMC4827116.
8. Mook WR, Petri M, Greenspoon JA, Horan MP, **Dornan GJ**, Millett PJ. Clinical and Anatomic Predictors of Outcomes After the Latarjet Procedure for the Treatment of Anterior Glenohumeral Instability With Combined Glenoid and Humeral Bone Defects.

Am J Sports Med. 2016 Mar 29. pii: 0363546516634089. [Epub ahead of print] PubMed PMID: 27217523.

9. Nitri M, Rasmussen MT, Williams BT, Moulton SG, Cruz RS, **Dornan GJ**, Goldsmith MT, LaPrade RF. An In Vitro Robotic Assessment of the Anterolateral Ligament, Part 2: Anterolateral Ligament Reconstruction Combined With Anterior Cruciate Ligament Reconstruction. *Am J Sports Med.* 2016 Mar;44(3):593-601. doi: 10.1177/0363546515620183. Epub 2016 Feb 1. PubMed PMID: 26831632.
10. Rasmussen MT, Nitri M, Williams BT, Moulton SG, Cruz RS, **Dornan GJ**, Goldsmith MT, LaPrade RF. An In Vitro Robotic Assessment of the Anterolateral Ligament, Part 1: Secondary Role of the Anterolateral Ligament in the Setting of an Anterior Cruciate Ligament Injury. *Am J Sports Med.* 2016 Mar;44(3):585-92. doi: 10.1177/0363546515618387. Epub 2015 Dec 18. PubMed PMID: 26684663.
11. Ferro FP, Ho CP, **Dornan GJ**, Surowiec RK, Philippon MJ. Comparison of T2 Values in the Lateral and Medial Portions of the Weight-Bearing Cartilage of the Hip for Patients With Symptomatic Femoroacetabular Impingement and Asymptomatic Volunteers. *Arthroscopy.* 2015 Aug;31(8):1497-506. doi: 10.1016/j.arthro.2015.02.045. Epub 2015 Apr 18. PubMed PMID: 25896275.
12. Sawyer GA, Briggs KK, **Dornan GJ**, Ommen ND, Philippon MJ. Clinical Outcomes After Arthroscopic Hip Labral Repair Using Looped Versus Pierced Suture Techniques. *Am J Sports Med.* 2015 Jul;43(7):1683-8. doi: 10.1177/0363546515581469. Epub 2015 May 4. PubMed PMID: 25939610.
13. LaPrade CM, **Dornan GJ**, Granan LP, LaPrade RF, Engebretsen L. Outcomes After Anterior Cruciate Ligament Reconstruction Using the Norwegian Knee Ligament Registry of 4691 Patients: How Does Meniscal Repair or Resection Affect Short-term Outcomes? *Am J Sports Med.* 2015 Jul;43(7):1591-7. doi: 10.1177/0363546515577364. Epub 2015 Apr 13. PubMed PMID: 25868635.
14. Millett PJ, Euler SA, **Dornan GJ**, Smith SD, Collins T, Michalski MP, Spiegl UJ, Jansson KS, Wijdicks CA. The ability of massive osteochondral allografts from the medial tibial plateau to reproduce normal joint contact pressures after glenoid resurfacing: the effect of computed tomography matching. *J Shoulder Elbow Surg.* 2015 May;24(5):e125-34. doi: 10.1016/j.jse.2014.09.033. Epub 2014 Nov 6. PubMed PMID: 25457785.
15. LaPrade CM, Foad A, Smith SD, Turnbull TL, **Dornan GJ**, Engebretsen L, Wijdicks CA, LaPrade RF. Biomechanical consequences of a nonanatomic posterior medial meniscal root repair. *Am J Sports Med.* 2015 Apr;43(4):912-20. doi: 10.1177/0363546514566191. Epub 2015 Jan 26. PubMed PMID: 25622987.
16. Ganal E, Ho CP, Wilson KJ, Surowiec RK, Smith WS, **Dornan GJ**, Millett PJ. Quantitative MRI characterization of arthroscopically verified supraspinatus pathology:

comparison of tendon tears, tendinosis and asymptomatic supraspinatus tendons with T2 mapping. *Knee Surg Sports Traumatol Arthrosc.* 2015 Mar 5. [Epub ahead of print] PubMed PMID: 25739912.

17. Ho CP, James EW, Surowiec RK, Gatlin CC, Ellman MB, Cram TR, **Dornan GJ**, LaPrade RF. Systematic technique-dependent differences in CT versus MRI measurement of the tibial tubercle-trochlear groove distance. *Am J Sports Med.* 2015 Mar;43(3):675-82. doi: 10.1177/0363546514563690. Epub 2015 Jan 9. PubMed PMID: 25575535.
18. Warth RJ, **Dornan GJ**, James EW, Horan MP, Millett PJ. Clinical and structural outcomes after arthroscopic repair of full-thickness rotator cuff tears with and without platelet-rich product supplementation: a meta-analysis and meta-regression. *Arthroscopy.* 2015 Feb;31(2):306-20. doi: 10.1016/j.arthro.2014.09.007. Epub 2014 Nov 14. Review. PubMed PMID: 25450417.
19. Moulton SG, Cram TR, James EW, **Dornan GJ**, Kennedy NI, LaPrade RF. The Supine Internal Rotation Test: A Pilot Study Evaluating Tibial Internal Rotation in Grade III Posterior Cruciate Ligament Tears. *Orthop J Sports Med.* 2015 Feb 23;3(2):2325967115572135. doi: 10.1177/2325967115572135. eCollection 2015 Feb. PubMed PMID: 26535385; PubMed Central PMCID: PMC4555611.
20. Euler SA, Smith SD, Williams BT, **Dornan GJ**, Millett PJ, Wijdicks CA. Biomechanical analysis of subpectoral biceps tenodesis: effect of screw malpositioning on proximal humeral strength. *Am J Sports Med.* 2015 Jan;43(1):69-74. doi: 10.1177/0363546514554563. Epub 2014 Nov 4. PubMed PMID: 25371439.
21. Spiegl UJ, Smith SD, Euler SA, **Dornan GJ**, Millett PJ, Wijdicks CA. Biomechanical Consequences of Coracoclavicular Reconstruction Techniques on Clavicle Strength. *Am J Sports Med.* 2014 Jul;42(7):1724-30. doi: 10.1177/0363546514524159. Epub 2014 Mar 13. PubMed PMID: 24627576.
22. Ho CP, Surowiec RK, Ferro FP, Lucas EP, Saroki AJ, **Dornan GJ**, Fitzcharles EK, Anz AW, Smith WS, Wilson KJ, Philippon MJ. Subregional Anatomical Distribution of T2 Values of Articular Cartilage in Asymptomatic Hips. *Cartilage.* 2014 Jul;5(3):154-64. doi: 10.1177/1947603514529587. PubMed PMID: 26069695; PubMed Central PMCID: PMC4297181.
23. Surowiec RK, Lucas EP, Fitzcharles EK, Petre BM, **Dornan GJ**, Giphart JE, LaPrade RF, Ho CP. T2 values of articular cartilage in clinically relevant subregions of the asymptomatic knee. *Knee Surg Sports Traumatol Arthrosc.* 2014 Jun;22(6):1404-14. doi: 10.1007/s00167-013-2779-2. Epub 2013 Nov 24. PubMed PMID: 24271329.
24. Gillard DM, Corenman DS, **Dornan GJ**. Failed less invasive lumbar spine surgery as a predictor of subsequent fusion outcomes. *Int Orthop.* 2014 Apr;38(4):811-5. doi:

10.1007/s00264-013-2167-z. Epub 2013 Nov 20. PubMed PMID: 24252972; PubMed Central PMCID: PMC3971282.

25. Millett PJ, Warth RJ, **Dornan GJ**, Lee JT, Spiegl UJ. Clinical and structural outcomes after arthroscopic single-row versus double-row rotator cuff repair: a systematic review and meta-analysis of level I randomized clinical trials. *J Shoulder Elbow Surg.* 2014 Apr;23(4):586-97. doi: 10.1016/j.jse.2013.10.006. Epub 2014 Jan 8. Review. PubMed PMID: 24411671.
26. Philippon MJ, Nepple JJ, Campbell KJ, **Dornan GJ**, Jansson KS, LaPrade RF, Wijdicks CA. The hip fluid seal--Part I: the effect of an acetabular labral tear, repair, resection, and reconstruction on hip fluid pressurization. *Knee Surg Sports Traumatol Arthrosc.* 2014 Apr;22(4):722-9. doi: 10.1007/s00167-014-2874-z. Epub 2014 Feb 12. PubMed PMID: 24519614.
27. Nepple JJ, Philippon MJ, Campbell KJ, **Dornan GJ**, Jansson KS, LaPrade RF, Wijdicks CA. The hip fluid seal--Part II: The effect of an acetabular labral tear, repair, resection, and reconstruction on hip stability to distraction. *Knee Surg Sports Traumatol Arthrosc.* 2014 Apr;22(4):730-6. doi: 10.1007/s00167-014-2875-y. Epub 2014 Feb 9. PubMed PMID: 24509878.
28. LaPrade CM, Jansson KS, **Dornan G**, Smith SD, Wijdicks CA, LaPrade RF. Altered tibiofemoral contact mechanics due to lateral meniscus posterior horn root avulsions and radial tears can be restored with in situ pull-out suture repairs. *J Bone Joint Surg Am.* 2014 Mar 19;96(6):471-9. doi: 10.2106/JBJS.L.01252. PubMed PMID: 24647503.
29. Padalecki JR, Jansson KS, Smith SD, **Dornan GJ**, Pierce CM, Wijdicks CA, LaPrade RF. Biomechanical consequences of a complete radial tear adjacent to the medial meniscus posterior root attachment site: in situ pull-out repair restores derangement of joint mechanics. *Am J Sports Med.* 2014 Mar;42(3):699-707. doi: 10.1177/0363546513499314. PubMed PMID: 24585675.
30. Warth RJ, Briggs KK, **Dornan GJ**, Horan MP, Millett PJ. Patient expectations before arthroscopic shoulder surgery: correlation with patients' reasons for seeking treatment. *J Shoulder Elbow Surg.* 2013 Dec;22(12):1676-81. doi: 10.1016/j.jse.2013.05.003. Epub 2013 Jul 11. PubMed PMID: 23850307.
31. Corenman DS, Gillard DM, **Dornan GJ**, Strauch EL. Recombinant human bone morphogenetic protein-2-augmented transforaminal lumbar interbody fusion for the treatment of chronic low back pain secondary to the homogeneous diagnosis of discogenic pain syndrome: two-year outcomes. *Spine (Phila Pa 1976).* 2013 Sep 15;38(20):E1269-77. doi: 10.1097/BRS.0b013e31829fc56f. PubMed PMID: 23778368.
32. Foster, S. D., Givens, G. H., **Dornan G. J.**, Dunstan, P. K., & Darnell, R. (2013). Modelling biological regions from multi-species and environmental data. *Environmetrics*, 24(7), 489-499.

PRESENTATIONS AND EXHIBITS

1. **Dornan G.**, Nitri M., Rasmussen M., Williams B., Moulton S., Cruz R., Goldsmith Mary, LaPrade R. *Robotic assessment of anterolateral ligament: Reconstruction of the anterolateral and anterior cruciate ligament.* European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA). Barcelona, Spain. May 4-7 2016. (PODIUM)
2. **Dornan G.**, Rasmussen M., Nitri M., Williams B., Moulton S., Cruz R., Goldsmith Mary, LaPrade R. *Robotic Assessment of Anterolateral Ligament: Secondary Role in the Setting of an Anterior Cruciate Ligament Injury.* European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA). Barcelona, Spain. May 4-7 2016. (POSTER)
3. Turnbull T., Schon J., Venderley Melanie, **Dornan G.**, Williams B., LaPrade R., Clanton T. 3-D Computed Tomography (CT) *Comparison of the Pre-Injury and Post-Repair Syndesmosis to Assess Anatomic Reduction.* European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA). Barcelona, Spain. May 4-7 2016. (POSTER)
4. Turnbull T., Whitlow S., Williams B., Saroki Adriana, **Dornan G.**, Backus J., LaPrade R., Clanton T. *The Ankle Syndesmosis: A Biomechanical Analysis of the Individual Ligament Contributions to Rotational Stability.* European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA). Barcelona, Spain. May 4-7 2016. (POSTER)
5. Turnbull T., Clanton T., Whitlow S., Williams B., Saroki Adriana, **Dornan G.**, LaPrade R. *Repair of the Ankle Syndesmosis: A Biomechanical Analysis of Three Current Repair Techniques.* European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA). Barcelona, Spain. May 4-7 2016. (POSTER)
6. Horan Marilee P., Millett P., Espinoza-Ervin C., Ho C., Warth R., **Dornan G.**, Katthagen C. *Minimum Two-Year Outcomes Following Arthroscopic Double-Row Rotator Cuff Repair of 155 cases: A comparison of Knotted versus Knotless interconnected techniques with propensity score matching.* European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA). Barcelona, Spain. May 4-7 2016. (POSTER)
7. Dahl Kimberly, Mikula J., Slette E., Montgomery S., **Dornan G.**, O'Brien L., Turnbull T., Hackett T. *Patellofemoral Contact Forces are Significantly Increased by Intra-articular Adhesions.* European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA). Barcelona, Spain. May 4-7 2016. (POSTER)
8. Aga Cathrine, Wilson Katharine, Johansen S., **Dornan G.**, LaPrade R., Engebretsen L. *Tunnel widening in single versus double bundle anterior cruciate ligament reconstructed knees.* European Society of Sports Traumatology Knee Surgery and Arthroscopy (ESSKA). Barcelona, Spain. May 4-7 2016. (POSTER)
9. Nitri M, Rasmussen MT, Williams BT, Moulton S, Cruz RS, **Dornan GJ**, Goldsmith MT, LaPrade RF. *Robotic Assessment of Anterolateral Ligament: Reconstruction of the Anterolateral and Anterior Cruciate Ligament.* American Academy of Orthopedic Surgeons Annual Meeting (AAOS). Orlando, Florida. March 1-5, 2016. (PODIUM)

10. Collins TC, **Dornan GJ**, Euler SA, Michalski MP, Millett PJ, Smith SD, Spiegl UJ, Wijdicks CA. *Glenoid Resurfacing with Allografts from the Medial Tibial Plateau: Technique, Feasibility, and Biomechanics*. American Academy of Orthopaedic Surgeons Annual Meeting (AAOS). Las Vegas, Nevada. March 24-28, 2015. (PODIUM)
11. LaPrade CM, **Dornan GJ**, Granan LP, LaPrade RF, Engebretsen L. *Measuring Outcomes After Anterior Cruciate Ligament Reconstruction Using The Norwegian Knee Ligament Registry of 14,141 Patients: How Does Meniscal Repair Or Resection Affect Short-Term Outcomes?* International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine, Lyon, France, June 10, 2015. (PODIUM)
12. LaPrade CM, Foad A, Smith SD, Turnbull TL, **Dornan GJ**, Engebretsen L, Wijdicks CA, LaPrade RF. *Biomechanical Consequences of a Nonanatomic Posterior Medial Meniscal Root Repair*. International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine, Lyon, France, June 10, 2015. (POSTER)
13. Ho C, Wilson K, Devitt B, Surowiec R, Friff J, Smith WS, Spiegl U, **Dornan GJ**, LaPrade RF. *Quantifiable Imaging Biomarkers for Evaluation of the PCL using 3T MRI: A Feasibility Study*. International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine, Lyon, France, June 10, 2015. (POSTER)
14. Ho CP, Surowiec RK, Frisbie DD, Ferro FP, Wilson KJ, Saroki AJ, Fitzcharles EK, **Dornan GJ**, Philippon MJ. *Prospective Correlation Of Mri T2 Mapping In ICRS Graded Damaged And Healthy Articular Cartilage Specimens From Hip Arthroscopy Treatment In Patients With FAI*. International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine, Lyon, France, June 10, 2015. (PODIUM)
15. Ho CP, Johnson NS, Carpenter EL, Surowiec RK, Wilson KJ, **Dornan GJ**, Gatlin CC, Philippon MJ. *Clinical Observations of Femoral Head Cartilage Stippling and T2 Mapping 3T MRI Analysis*. 12th World Congress of the International Cartilage Repair Society (ICRS). Chicago, IL, May 8-11, 2015.
16. Euler SA, Millett PJ, **Dornan GJ**, Smith SD, Collins T, Michalski MP, Spiegl UJ, Jansson KS, Wijdicks CA. *Glenoid Resurfacing with Allografts from the Medial Tibial Plateau: Technique, Feasibility and Biomechanics*. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV, 2015. (PODIUM)
17. Ferro FP, Ho CP, **Dornan GJ**, Surowiec RK, Philippon MJ. *Comparison of T2 Values in the Lateral and Medial Portions of the Weight-Bearing Cartilage of the Hip for Patients with Symptomatic Femoroacetabular Impingement and Asymptomatic Volunteers*. International Society for Hip Arthroscopy (ISHA) in Rio de Janeiro, Brazil, 2014. (POSTER)
18. Spiegl UJ, Smith SD, Euler SA, **Dornan GJ**, Millett PJ, Wijdicks CA. *Biomechanical Consequences of Coracoclavicular Reconstruction Techniques on Clavicle Strength*. American Orthopaedic Society for Sports Medicine (AOSSM) Annual Meeting, Seattle, WA, July 10-13, 2014. (PODIUM)

19. Foster, S. D., Givens, G. H., **Dornan, G. J.**, Dunstan, P. K., & Darnell, R. *Mixture Models for Multi-Species and Environmental Data*. International Biometric Conference, Florence, Italy, July 6-11, 2014. (POSTER)
20. Briggs KK, **Dornan G**, Matheny L, Hartline B, Steadman JR. *Shift if knee weightbearing line is associated with compartment of meniscus injury*. 16th European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) Annual Congress, Amsterdam, Netherlands, May 14-17, 2014. (PODIUM)
21. Ho C, Williams B, Surowiec R, **Dornan G**, Gatlin C, LaPrade RF. *MRI Characterization of arthroscopically verified ICRS cartilage defects compared to age matched asymptomatic controls: Evaluation of quantitative T2 mapping in clinically relevant subregions of the knee*. 16th European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) Annual Congress, Amsterdam, Netherlands, May 14-17, 2014. (PODIUM)
22. Wijdicks CA, Philippon MJ, Nepple JJ, Campbell KJ, **Dornan GJ**, Jansson KS, LaPrade RF. *The Hip Fluid Seal: The Effect of an Acetabular Labral Tear, Repair, Resection, and Reconstruction on Hip Fluid Pressurization*. 16th European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) Annual Congress, Amsterdam, Netherlands, May 14-17, 2014. (PODIUM)
23. Spiegl UJ, Smith SD, Euler SA, **Dornan GJ**, Wijdicks CA, Millett PJ. *Biomechanical Consequences of Coracoclavicular Reconstruction Techniques on Clavicle Strength*. 16th European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) Annual Congress, Amsterdam, Netherlands, May 14-17, 2014. (PODIUM)
24. Wijdicks CA, Philippon MJ, Nepple JJ, Philippon MJ, Campbell KJ, **Dornan GJ**, Jansson KS, LaPrade RF. *The Hip Fluid Seal: The Effect of an Acetabular Labral Tear, Repair, Resection, and Reconstruction on Hip Stability to Distraction*. 16th European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) Annual Congress, Amsterdam, Netherlands, May 14-17, 2014. (POSTER)
25. Surowiec RK, Saroki AJ, Wilson KJ, **Dornan GJ**, Ferro F, Phillippon MJ, Ho CP. *Diagnosing Osteoarthritis: How T2 Values of Articular Cartilage in the Asymptomatic Hip Enhance Clinical Understanding of OA Pathology and Prevention*. European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA) Congress in Amsterdam, Netherlands, 2014. (POSTER)
26. Surowiec RK, Ganai E, Wilson KJ, Smith WS, **Dornan GJ**, Ho CP, Millett PJ. *Quantitative MRI Characterization of Arthroscopically Verified Supraspinatus Pathology: Comparison of Tendon Tears, Tendinosis, and Asymptomatic Supraspinatus Tendons using T2 Mapping*. European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA) Congress in Amsterdam, Netherlands, 2014. (POSTER)
27. Ho CP, Williams B, Surowiec R, **Dornan G**, Gatlin C, LaPrade RF. *MRI Characterization of Arthroscopically Verified ICRS Cartilage Defects Compared to Age Matched Asymptomatic Controls: Evaluation of Quantitative T2 Mapping in Clinically Relevant Subregions of the Knee*. European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA), Amsterdam, Netherlands, May 2014. (PODIUM)
28. LaPrade RF, James E, Surowiec RK, **Dornan GJ**, Ellman M, Gatlin C, Cram T, Ho CP. *CT Versus MRI for the Measurement of the Tibial Tubercle Trochlear Groove (TTTG) Distance*.

European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA) Congress in Amsterdam, Netherlands, 2014. (POSTER)

29. LaPrade RF, Padalecki JR, Jansson KS, Smith SD, **Dornan GJ**, Pierce C, Wijdicks CA. *Biomechanical Consequences of a Complete Radial Tear Adjacent to the Medial Meniscus Posterior Root Attachment Site*. American Orthopaedic Society for Sports Medicine (AOSSM) Specialty Day, Annual Meeting, New Orleans, LA, 2014. (PODIUM)
30. Nepple JJ, Philippon MJ, Campbell KJ, **Dornan GJ**, Jansson KS, LaPrade RF, Wijdicks CA. *The Effect of an Acetabular Labral Tear, Repair, Resection, and Reconstruction on Hip Fluid Pressurization*. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, New Orleans, LA, 2014. (POSTER)
31. Nepple JJ, Campbell KJ, Wijdicks CA, Jansson KS, **Dornan GJ**, LaPrade RF, Philippon MJ. *The Effect of an Acetabular Labral Tear, Repair, Resection, and Reconstruction on the Hip Fluid Seal*. American Orthopaedic Society for Sports Medicine (AOSSM) Specialty Day, Annual Meeting, New Orleans, LA, 2014. (PODIUM)
32. Surowiec R, Smith WS, Wilson K, **Dornan G**, Philippon MJ, Ho C. *T2 Values of Articular Cartilage in the Asymptomatic Hip: Subregional Method for Analysis and Reporting of Values*. International Society for Hip Arthroscopy (ISHA), Munich, Germany, October 10-12, 2013. (PODIUM)
33. Padalecki, JR; Jansson, KS; Smith, SD; Pierce, CM; **Dornan GJ**; Wijdicks, CA, LaPrade, RF. *Biomechanical Consequences of a Complete Radial Tear Adjacent to the Medial Meniscus Posterior Root Attachment Site*. 2013 Annual Meeting of the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine, Toronto, Canada, May 2013. (PODIUM)
34. LaPrade, C; Jansson, K; **Dornan, G**; Smith, SD; Wijdicks, CA; LaPrade, RF. *Altered Tibiofemoral Contact Mechanics Due to Lateral Meniscus Posterior Horn Root Avulsions and Radial Tears can be Restored With In-Situ Pull Out Repairs*. 2013 Annual Meeting of the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine, Toronto, Canada, May 2013. (POSTER)
35. Padalecki J, Jansson K, Smith S, Pierce C, **Dornan G**, Wijdicks CA, LaPrade RF. *Biomechanical Consequences of a Complete Radial Tear Adjacent to the Medial Meniscus Posterior Root Attachment Site*. American Academy of Orthopaedic Surgeons (AAOS). Annual Meeting, Chicago, Illinois, March 19-23, 2013. (PODIUM)
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37. LaPrade, C; Jansson, KS; **Dornan, G**; Smith, SD; Wijdicks, CA; LaPrade, RF. *Biomechanical Comparison of Lateral Meniscus Posterior Horn Root Avulsions and Radial Tears and In Situ Pull Out Repairs of Root Avulsions and Radial Tears*. 2013 Annual Meeting of the Orthopaedic Research Society, San Antonio, TX, January 2013. (POSTER)

ACKNOWLEDGEMENTS IN PEER-REVIEWED PUBLICATIONS

1. Aga, et al (2013) AJSM - Biomechanical Comparison of Interference Screws and Combination Screw and Sheath Devices for Soft Tissue Anterior Cruciate Ligament
2. Anz, et al (2014) Eur J Rad - MRI T2 Mapping of the Asymptomatic Supraspinatus Tendon by Age and Imaging Plane using Clinically Relevant Subregions
3. Bhatia, et al (2015) AJSM - A Novel Repair Method for Radial Tears of the Medial Meniscus Biomechanical Comparison of Transtibial 2-Tunnel and Double Horizontal Mattress Suture
4. Cerminara, et al (2014) AJSM - Biomechanical Evaluation of a Transtibial Pull-out Meniscal Root Repair - Challenging the Bungee Effect
5. Civitaresse, et al (2016) JEO - Qualitative and quantitative measurement of the anterior and posterior meniscal root attachments of the New Zealand white rabbit
6. Clanton, et al (2015) AJSM - A Biomechanical Comparison of an Open Repair and 3 Minimally Invasive Percutaneous Achilles Tendon Repair Techniques
7. Clanton, et al (2015) AJSM - Radiographic ID of the Deltoid Ligament Complex Medial Ankle
8. Crespo, et al (2014) JEO - Measurements of bone tunnel size anterior cruciate ligament reconstruction 2D vs 3D CT model
9. Ferro, et al (2015) AJSM - Tensile Properties of the Human Acetabular Labrum and Hip Labral Reconstruction Grafts
10. Goldsmith, et al (2013) AJSM - Biomechanical Comparison of Anatomic Single- and Double-Bundle Anterior Cruciate Ligament Reconstructions - An In Vitro Study.
11. Goldsmith, et al (2014) MEP - Characterization of Robotic System Passive Path Repeatability during Specimen Removal and Reinstallation for In Vitro Knee Joint Testing
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17. Jansson, et al (2012) JB - Tekscan pressure sensor output changes in the presence of liquid exposure.
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21. Kennedy, et al (2013) AJSM - Kinematic Analysis of the Posterior Cruciate Ligament, Part 1 - The Individual and Collective Function of the Anterolateral and Posteromedial Bundles
22. Kennedy, et al (2014) AJSM - Posterior Cruciate Ligament Graft Fixation Angles, Part 1- Biomechanical Evaluation for Anatomic Single-Bundle
23. Kennedy, et al (2014) AJSM - Posterior Cruciate Ligament Graft Fixation Angles, Part 2 - Biomechanical Evaluation for Anatomic Double-Bundle Reconstruction
24. Kennedy, et al (2015) AJSM - The Anterolateral Ligament - An Anatomic, Radiographic, and Biomechanical Analysis

25. LaPrade, et al (2014) AJSM - Consequences of Tibial Tunnel Reaming on the Meniscal Roots During Cruciate Ligament Reconstruction in a Cadaveric Model, Part 1
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31. Lee, et al (2015) AJSM - Radiographic Identification of Arthroscopically Relevant Acetabular Structures
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