

PEER-REVIEWED JOURNAL ARTICLES

1. Al-Majid, S., Wilson, L., Rakovski, C, & Coburn, J. (2015). Effect of exercise on biobehavioral outcomes of fatigue: Results of a feasibility study. *Biological Research for Nursing*, 17(1), 40-48.
2. Avila BJ, Brown LE, Coburn JW, Statler TA. Effects of imagery on force production and jump performance. *Journal of Exercise Physiology Online*. 18(4):42-48, 2015.
3. Bagley JR & Galpin AJ. Three-dimensional Printing of Human Skeletal Muscle Cells: An Interdisciplinary Approach for Studying Biological Systems. *Biochemistry and Molecular Biology Education*. 2015 November/December; 43(6):403-407.
4. Bagley JR, Rosengarten J, and Galpin AJ. Is Blood Flow Restriction Training Beneficial for Athletes. *Strength and Conditioning Journal*. 2015 June;37 (3):48-53
5. Beaudette TL, Brown LE, Coburn JW, Lynn SK, Du Bois AM, Dunnick DD. Acute effects of assisted jumping on muscle activation and performance. *Jacobs Journal of Physiotherapy and Exercise*. 1(2):012, 2015.
6. Bentes CM, Costa PB, Costa GV, Neto GR, Salles BF, Miranda HL, Novaes JS. Hypotensive effects and performance responses among different resistance training intensities and exercise orders in apparently health women. *Clinical Physiology and Functional Imaging*. 35:185-190, 2015.
7. Buckner SL, Jenkins ND, Costa PB, Ryan ED, Herda TJ, Cramer JT. Comparing passive angle-torque curves recorded simultaneously with a load cell versus an isokinetic dynamometer during dorsiflexion stretch tolerance assessments. *Journal of Medical Engineering & Physics*. 37:494-498, 2015.
8. Burnett KA, Brown LE, Kersey RD, Tsang KW. Effect of ankle bracing vs. taping on vertical jump performance. *Journal of Athletic Enhancement*. 4(1):, 2015.
9. Cazas-Moreno VL, Gdovin JR, Williams CC, Allen CR, Fu YC, Brown LE, Garner JC. Influence of whole body vibration and specific warm-ups on force during an isometric mid-thigh pull. *International Journal of Kinesiology and Sports Science*. 3(4):31-39, 2015.
10. Dunnick DD, Brown LE, Coburn JW, Lynn SK, Barillas SR. Bench press upper-body muscle activation between stable and unstable loads. *Journal of Strength and Conditioning Research*. 29(12):3279-3283, 2015.
11. Galen, S. S., Guffey, D. R., Coburn, J. W., & Malek, M. H. (2015). Determining the electromyographic fatigue threshold following a single visit exercise test. *JOVE (Journal of Visualized Experiments)*.
12. Galpin AJ, Gulick CN, Jacobo K, Schilling BK, Lynn SK, McManus R, Costa PB, Brown LE. The influence of a padded hand wrap on punching force in elite and untrained punchers. *International Journal of Kinesiology and Sports Science*. 3(4):22-30, 2015.
13. Galpin AJ, Malyszek KK, Davis KA, Record SM, Brown LE, Coburn JW, Harmon RA, Steele JM, Manolovitz AD. Acute effects of elastic bands on kinetic

- characteristics during the deadlift at moderate and heavy loads. *Journal of Strength and Conditioning Research*. 29(12):3271-3278, 2015.
14. Góes S, Leite N, Stefanello JMF, Homann D, Lynn SK, Rodacki ALF. Ankle dorsiflexion may play an important role in falls in women with fibromyalgia. *Clinical Biomechanics*. 30(6): 593-598. July, 2015.
 15. Gomes WA, Brown LE, Soares EG, da Silva JJ, Silva FH, Serpa EP, Corrêa DA, Vilela Junior GB, Lopes CR, Marchetti PH. Kinematic and sEMG analysis of the back squat at different intensities with and without knee wraps. *Journal of Strength and Conditioning Research*. 29(9):2482-2487, 2015.
 16. Jones A, Brown LE, Coburn JW, Noffal GJ. Effects of foam rolling on vertical jump performance. *International Journal of Kinesiology & Sports Science*. 3(3):38-42, 2015.
 17. Judelson, D. A., Bagley, J. R., Schumacher, J., & Wiersma, L. D. (2015). Cardiovascular and perceptual responses to an ultra-endurance channel swim: A case study. *Wilderness & Environmental Medicine*, 26, 359-365.
 18. Kelly SB, Brown LE, Hooker SP, Swan PD, Buman MP, Alvar BA, Black LE. Comparison of concentric and eccentric bench press repetitions to failure. *Journal of Strength and Conditioning Research*. 29(4):1027-1032, 2015.
 19. Macias KM, Brown LE, Coburn JW, Chen DD. A comparison of upper body strength between rock climbing and resistance trained men. *Sports*. 3(3):178-187, 2015.
 20. Maciejczyk M, Więcek M, Szymura J, Szyguła Z, Brown LE. Influence of increased body mass and body composition on cycling anaerobic power. *Journal of Strength and Conditioning Research*. 29(1):58-65, 2015.
 21. Marisco M, Malyszek K, Bagley JR, and Galpin AJ. A Supplemental Aquatic Speed Training Program for NFL Combine Preparation. *Strength and Conditioning Journal*. 2015 December; 37(6):58-64.
 22. Martorelli SS, Martorelli AS, Pereira MC, Rocha-Junior VA, Tan JG, Alvarenga JG, Brown LE, Bottaro M. Graduated compression sleeves: Effects on metabolic removal and neuromuscular performance. *Journal of Strength and Conditioning Research*. 29(5):1273-1278, 2015.
 23. Miranda H, Maia MF, Paz GA, Costa PB. Acute effects of antagonist static stretching in the inter-set rest period on repetition performance and muscle activation. *Research in Sports Medicine*. 23:37-50, 2015.
 24. Moyen, N. E., Ganio, M. S., Wiersma, L. D., Kavouras, S. A., Gray, M., McDermott, B. P., Adams, J. D., Binns, A. P., Judelson, D. A., McKenzie, A. L., Johnson, E. C., Munoz, C. X., Kunces, L. J., & Armstrong, L. E. (2015). Hydration status affects mood state and pain sensation during ultra-endurance cycling. *Journal of Sports Sciences*, 33(18), 1962-1969.
 25. Neto GR, Sousa MS, Costa PB, Salles BF, Novaes GS, Novaes JS. Hypotensive effects of resistance exercises with blood flow restriction. *Journal of Strength and Conditioning Research*. 29:1064-1070, 2015.
 26. Pamukoff DN and Blackburn JT. Comparison of Plantarflexor Musculotendinous Stiffness, Geometry and Architecture in Male Runners With and Without a

- History of Tibial Stress Fracture. *Journal of Applied Biomechanics*. Feb. 2015; 31(1):41-47.
27. Park BS, Khamoui AV, Brown LE, Kim DY, Ah-Han K, Min KW, An GH. Does disease duration influence the exercise training responses of patients with type 2 diabetes? *Journal of Research in Medical Sciences*. 20(1):105-106, 2015.
 28. Pietrosimone BG, Blackburn JT, Harkey MS, Luc BA, Pamukoff DN, Hart JM. Clinical Strategies for Addressing Muscle Weakness Following Knee Injury. *Clinics in Sports Medicine*. April. 2015; 34(2):285-300.
 29. Rocha-Júnior VA, Bottaro M, Pereira MC, Ferreira-Júnior JB, Carmo J, Brown LE, Nascimento FAO. Reliability of normalized surface electromyographic signals of maximal upper-body isokinetic strength. *Isokinetics and Exercise Science*. 23(1):7-15, 2015.
 30. Ruas CV, Brown LE, Pinto RS. Lower-extremity side-to-side strength asymmetry of professional soccer players according to playing position. *Kinesiology*. 47(2):188-192, 2015.
 31. Ruas CV, Minozzo F, Pinto MD, Brown LE, Pinto RS. Lower-extremity strength ratios of professional soccer players according to field position. *Journal of Strength and Conditioning Research*. 29(5):1220-1226, 2015.
 32. Ruas CV, Pinto MD, Brown LE, Minozzo F, Mil-Homens P, Pinto RS. The association between conventional and dynamic control knee strength ratios in elite soccer players. *Isokinetics and Exercise Science*. 23(1):1-6, 2015.
 33. Ruas CV, Pinto RS, Cadore EL, Brown LE. Angle specific analysis of side-to-side asymmetry in the shoulder rotators. *Sports*. 3(3):236-245, 2015.
 34. Sá MA, Neto GR, Gomes TM, Bentes CM, Brown AF, Araújo CO, Novaes, JS. Acute effects of different stretching techniques on the number of repetitions in a single lower body resistance training session. *Journal of Human Kinetics*. 45:177-185, 2015.
 35. Santana JC, McGill SM, Brown LE. Anterior and posterior serape: The rotational core. *Strength and Conditioning Journal*. 37(5):8-13, 2015.
 36. Serra R, Saavedra F, de Salles BF, Dias MC, Costa PB, Alves H, Simão R. The effects of resistance training frequency on strength gains. *Journal of Exercise Physiology Online*. 18:37-45, 2015.
 37. Soares S, Ferreira-Junior JB, Pereira MC, Cleto VA, Castanheira RP, Cadore EL, Brown LE, Gentil P, Bemben MG, Bottaro M. Dissociated time course of muscle damage recovery between single- and multi-joint exercises in highly resistance-trained men. *Journal of Strength and Conditioning Research*. 29(9):2594-2599, 2015.
 38. Thurston TS, Coburn JW, Brown LE, Bartolini JA, Beaudette TL, Karg P, McLeland KA, Arevalo JA, Judelson DA, Galpin AJ. Effects of respiratory muscle warm-up on high-intensity exercise performance. *Sports*. 3(4):312-324, 2015.
 39. Trajano G, Pinho C, Costa PB, Oliveira C. Static stretching increases muscle fatigue during submaximal sustained isometric contractions. *Journal of Sports Medicine and Physical Fitness*. 55:43-50, 2015.

40. Tran TT, Nimphius S, Lundgren L, Secomb J, Farley ORL, Haff GG, Newton RU, Brown LE, Sheppard JM. Effects of unstable and stable resistance training on strength, power, and sensorimotor abilities in adolescent surfers. *International Journal of Sports Science and Coaching.* 10(5):899-910, 2015.
41. Trevino M, Coburn JW, Brown LE, Judelson DA, Malek MH. Acute effects of caffeine on strength and muscle activation of the elbow flexors. *Journal of Strength and Conditioning Research.* 29(2):513-520, 2015.
42. Valenzuela KA, Lynn SK, Mikelson LR, Noffal GJ, Judelson DA. Effects of acute alterations in foot strike patterns during running on sagittal plan lower limb kinematics and kinetics. *Journal of Sports Science and Medicine.* 14: 225-232. March, 2015.
43. Vieira A, Bottaro M, Ferreira-Júnior JB, Vieira C, Cleto VA, Cadore EL, Simoes HG, Carmo JD, Brown LE. Does whole-body cryotherapy improve vertical jump recovery following a high-intensity exercise bout? *Open Access Journal of Sports Medicine.* 6:49-54, 2015.
44. Williams, N. L., Gillum, T. L., Coburn, J. W., & Sullivan, S. P. (2015). Static stretching vs. dynamic warm-ups: a comparison of their effects on torque and electromyography output of the quadriceps and hamstring muscles. *Journal of Sports Medicine and Physical Fitness,* 55(11), 1310-1317.

CONFERENCE PRESENTATIONS

1. Anthony CC, Brown LE, Coburn JW, Galpin AJ, Tran TT. Effect of stance on balance in surfers. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
2. Archer D, Munger CN, Leyva WD, Drouet PC, Galpin AJ, Coburn JW, Brown LE. Effect of short-term jump squat training with or without chains on vertical jump. A pilot study. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
3. Arevalo JA, McLeland KA, Brown LE, Galpin AJ, Coburn JW. Comparison of classic fatigability and peak torque tests used to estimate fast-twitch muscle fiber composition. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S549, 2015.
4. Arevalo JA, McManus RT, Lee D, Barillas SR, Lynn SK, Spencer JA, Brown LE, Bagley JR, Costa PB, Galpin AJ. Bilateral differences in leg muscle fiber type of resistance trained men. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
5. Bagley JR, Arevalo JA, Spencer JA, McManus RT, Leyva WD, Barillas SR, and Galpin AJ. Rapid Human Muscle Fiber Dissection Methods: Mechanical Isolation vs. Enzyme Digestion. *American College of Sports Medicine – Southwest Regional Meeting,* Newport, CA, October, 2015.
6. Ballon J, Bagley JR, McLeland KA, Arevalo JA, Brown LE, Coburn JW, Ciccone AB, Galpin AJ. Reexamining skeletal muscle fatigability and fiber type in resistance trained men: 40 years after Thorstensson and Karlsson. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
7. Barillas SR, Dunnick DD, Brown LE, Coburn JW, Lynn SK. Upper body muscle

- activation between stable and unstable load during concentric bench press. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S928, 2015.
8. Barillas SR, Dunnick DD, Malyszek KK, Brown LE. Wingate power correlates with high intensity sprinting as distance increases. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
 9. Bathgate KE, Arevalo JA, Lynn SK, Spencer JA, Lee D, McManus RT, Ballon J, Barillas SR, Rosengarten J, Brown LE, Galpin AJ. Relationship between leg dominance and muscle fiber type composition of the vastus lateralis. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
 10. Beaudette TL, Brown LE, Coburn JW, Lynn SK, Dunnick DD. Acute effects of assisted jumping on relative peak power and peak velocity of a vertical jump. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S533, 2015.
 11. Blackburn JT, Pietrosimone BG, Anekal A, Cocciadiferro A, Harkey MS, Luc BA, Pamukoff DN. Ultrasonic assessment of quadriceps muscle quality does not reflect muscle function. *Medicine and science in sports and exercise.* May 2015; 47(5S):468-473.
 12. Blackburn JT, Pietrosimone BG, Padua DA, Frank BA, Harkey MS, Luc BA, Pamukoff DN, Spang JT, Jordan JM. Knee gait adaptations following anterior cruciate ligament reconstructions: Implications for post-traumatic knee osteoarthritis. *Osteoarthritis Research Society International – 2015 World Congress on Osteoarthritis.* Seattle WA, April 30-May 3, 2015.
 13. Bottaro M, Ferreira-Junior JB, Vieira A, Siqueira AF, Durigan J, Brown LE. Dissociated time course response of muscle damage recovery after whole-body cryotherapy and cold-water immersion. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S508, 2015.
 14. Camara K, Coburn JW, Dunnick DD, Brown LE, Galpin AJ, Costa PB. An examination of muscle activation and power characteristics while performing the deadlift exercise with straight and hexagonal barbells. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
 15. Campana CT, Costa PB. Effects of treadmill walking with hand-held weights on energy expenditure and excess post-exercise oxygen consumption. *Southern California Conference for Undergraduate Research,* Claremont, California. November 2015.
 16. Campana CT, Costa PB. Effects of treadmill walking with hand-held weights on energy expenditure and excess post-exercise oxygen consumption. *Southwest Regional Chapter of the American College of Sports Medicine Annual Meeting,* Costa Mesa, California. October 2015.
 17. Charles JM, Dudley RI, Valenzuela KA, Ward CE, Noffal GJ, Lynn SK. Differences in Foot-Strike Pattern in Relationship to Changes in Running Velocity. American College of Sports Medicine 62nd Annual Meeting. San Diego, CA. May, 2015.

18. Costa PB, Herda TJ, Herda AA, Cramer JT. Effects of resistance exercise mode on rating of perceived exertion during short-term training. *American College of Sports Medicine Annual Meeting*, San Diego, California. May 2015. *Medicine & Science in Sports & Exercise*. 47:S3437, 2015.
19. Costa PB. Nutritional Supplements for Health and Physical Fitness. National Strength and Conditioning Association, Orlando, Florida. July 2015.
20. Crum BN, Coburn JW, Brown LE, Galpin AJ. Acute effects of alkaline water on high intensity anaerobic performance. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S781, 2015.
21. Dabbs NC, Chander H, Black CD, Loftin M, Valliant M, Brown LE, Garner JC. Effects of whole body vibration on voluntary torque following exercise induced muscle damage in recreationally trained females. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S355, 2015.
22. do Carmo JC, da Gama Y, da Silva M, Teles FS, Rocha-Junior VA, Brown LE, Pereira MC. Differences between two types of constant resistance on torque and muscle activation during elbow flexion exercise. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S932, 2015.
23. Drouet PC, Archer DC, Costa PB, Coburn JW, Brown LE. Dissimilar responses of heart rate and systolic blood pressure to lower body resistance exercise. A pilot study. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
24. Dunnick DD, Barillas SR, Brown LE, Coburn JW, Lynn SK. Upper body muscle activation between stable and unstable load during eccentric bench press. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S927, 2015.
25. Dunnick DD, Barillas SR, Malyszek KK, Brown LE. Effect of different Margaria-Kalamian stair climb test analysis techniques on correlation with Wingate power. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
26. DuPont WH, Hooper DR, Secola PJ, Dulkis LL, Saenz C, Kupchak BR, Szivak TK, Comstock BA, Flanagan SD, Luk HY, Beaudette TL, Galpin AJ, Maresh CM, Brown LE, Kraemer WJ. Compression garments help reduce jet lag's deleterious effects on physical performance. NSCA Annual Meeting, Orlando, FL, July 8-11, 2015. *Journal of Strength and Conditioning Research*, 29(12):S, 2015.
27. Eckel TL, Munger CN, Malyszek KK, Dunnick DD, Harmon RA, Tran TT, Costa PB, Coburn JW, Brown LE. Differences between dynamic strength index and delta dynamic strength index of a hex bar mid-thigh pull. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
28. Harkey MS, Luc BA, Pamukoff DN, Blackburn JT, Pietrosimone BG. Associations of Quadriceps Strength, Voluntary Activation, and Isokinetic Power with Self-Reported Function in Patients Following Anterior Cruciate Ligament Reconstruction. *National Athletic Trainer's Association 66th Annual Meeting and Clinical Symposium*. St. Louis, MO. June 23-25, 2015.

29. Harkey MS, Luc BA, Stanley LE, Frank BF, Mauntel TC, Lane AR, Pamukoff DN, Hackney AC, Blackburn JT, Padua DA, Spang JT, Jordan JM, Driban JB, Pietrosimone BG. Knee Frontal Plane Kinematics during Walking Gait Associate with Increased Serum Concentration of Aggrecan Breakdown, but not Type II Collagen Breakdown, in Patients Following Anterior Cruciate Ligament Reconstruction. *Osteoarthritis Research Society International – 2015 World Congress on Osteoarthritis.* Seattle WA, April 30-May 3, 2015.
30. Harmon RA, Malyszek KK, Dunnick DD, Costa PB, Coburn JW, Brown LE. Performance between isometric mid-thigh pulls and the deadlift with different bars. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
31. Harmon RA, Malyszek KK, Dunnick DD, Galpin AJ, Coburn JW, Brown LE. Methodological considerations for an isometric bench press protocol. NSCA Annual Meeting, Orlando, FL, July 8-11, 2015. *Journal of Strength and Conditioning Research*, 29(12):S, 2015.
32. Hooper DR, Secola PJ, Dulkis LL, DuPont WH, Saenz C, Kupchak BR, Szivak TK, Comstock BA, Flanagan SD, Looney DP, Pryor JL, Kalkowski RJ, Luk HY, Beaudette TL, Thurston TS, Galpin AJ, Volek JS, Maresh CM, Brown LE, Kraemer WJ. Trans-American travel within NCAA regulations induces jet lag which attenuates sleep quality and athletic performance. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S823, 2015.
33. Hooper DR, Secola PJ, Saenz C, Dulkis LL, DuPont WH, Kupchak BR, Szivak TK, Comstock BA, Flanagan SD, Luk HY, Beaudette TL, Galpin AJ, Maresh CM, Brown LE, Kraemer WJ. Compression garments can be worn during trans-American travel to reduce muscle damage and performance decrements following sports activity. NSCA Annual Meeting, Orlando, FL, July 8-11, 2015. *Journal of Strength and Conditioning Research*, 29(12):S, 2015.
34. Keys KP, McCaffrey SP, Thurston TS, Lynn SK, Noffal GJ. Is there a performance advantage to internal femoral rotation during a broad jump? American College of Sports Medicine 62nd Annual Meeting. San Diego, CA. May, 2015.
35. Kupchak BR, Hooper DR, Saenz C, Dulkis LL, Secola PJ, White MT, Coburn JW, Galpin AJ, Brown LE, Kraemer WJ. The impact of a full body workout and trans-continental flight on markers of coagulation, fibrinolysis and muscle damage. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S, 2015.
36. Leyva WD, Archer DC, Munger CN, Galpin AJ, Coburn JW, Brown LE. Comparison of hex bar deadlift vs. back squat postactivation potentiation on vertical jump ground reaction force. Coaching and Sport Science College, Johnson City, TN, December 11-12, 2015.
37. Leyva WD, Archer DC, Munger CN, Galpin AJ, Coburn JW, Brown LE. Comparison of hex bar deadlift vs. back squat postactivation potentiation on vertical jump. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
38. Leyva WD, Vahradian DJ, Brown LE. Relationship between clean 1RM and

- velocity. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S937, 2015.
39. Lima CD, Brown LE, Pinto RS, Ruas CV, Wong MA, Leyva WD. Acute effects of static vs. ballistic stretching on leg fatigue between ballet dancers and resistance trained women. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
 40. Luc BA, Harkey MS, Blackburn JT, Stanley LE, Pamukoff DN, Mauntel TC, Frank BA, Padua DA, Spang JT, Jordan JM, Pietrosimone BG. Influence of Frontal Plane Knee Angle and Hip Strength on Medial Knee Joint Loading during Walking Gait in Individuals with Anterior Cruciate Ligament Reconstruction. *Osteoarthritis Research Society International – 2015 World Congress on Osteoarthritis.* Seattle WA, April 30-May 3, 2015.
 41. Luc BA, Harkey MS, Pamukoff DN, Blackburn JT, Pietrosimone BG, Blackburn JT. Alterations in Intracortical Inhibition and Facilitation Following Anterior Cruciate Ligament Reconstruction. *National Athletic Trainer's Association 66th Annual Meeting and Clinical Symposium.* St. Louis, MO. June 23-25, 2015.
 42. Malyszek KK, Dunnick DD, Harmon RA, Costa PB, Coburn JW, Brown LE. Differences in rate of force development when gripping a hexagonal barbell with low vs. high handles. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
 43. Malyszek KK, Dunnick DD, Harmon RA, Galpin AJ, Coburn JW, Brown LE. Prediction of dynamic bench press 1RM via isometric bench press force. NSCA Annual Meeting, Orlando, FL, July 8-11, 2015. *Journal of Strength and Conditioning Research*, 29(12):S, 2015.
 44. Malyszek KK, Record SM, Davis KA, Harmon RA, Manolovitz A, Steele J, Ortiz R, Brown LE, Coburn JW, Galpin AJ. Acute effects of elastic bands on performance characteristics during deadlifts at various loads. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S929, 2015.
 45. McLeland KA, Arevalo JA, Bagley JR, Ciccone AB, Brown LE, Coburn JW, Galpin AJ. A reexamination of fatigability and fiber composition of human skeletal muscle. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S328, 2015.
 46. McLeland KA, Brown LE, Galpin AJ, Coburn JW. Differences in fatigue percentage based on leg extension repetitions. NSCA Annual Meeting, Orlando, FL, July 8-11, 2015. *Journal of Strength and Conditioning Research*, 29(12):S, 2015.
 47. McManus RT, Costa PB, Bentes CM. Acute effects of proprioceptive neuromuscular facilitation on muscle imbalance. *Southwest Regional Chapter of the American College of Sports Medicine Annual Meeting*, Costa Mesa, California. October 2015.
 48. Mesquita AR, Ruas CV, Brown LE, Lima CD, Cornejo ML, Pinto RS. Effect of two different isokinetic training protocols on concentric hamstrings-to-quadriceps ratios. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.

49. Munger CN, Eckel TL, Malyszek KK, Dunnick DD, Harmon RA, Tran TT, Costa PB, Coburn JW, Brown LE. Differences in dynamic strength index between an isometric mid-thigh pull and isometric deadlift. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
50. Pamukoff DN, Lewek MD, Blackburn JT. Differences in Gait Biomechanics Between Obese and Healthy Young Adults. *Medicine and science in sports and exercise*. May 2015; 47(5S):214-220.
51. Pamukoff DN, Pietrosimone BG, Ryan ED, Weinhold PS, Lewek MD, Lee DR, Blackburn JT. The Effect of Vibratory Stimuli on Corticospinal Excitability: a Potential Treatment for Post Traumatic Knee Osteoarthritis. *39th Annual Meeting of the American Society of Biomechanics*. Columbus, Ohio. Aug 5-8, 2015.
52. Pamukoff DN, Pietrosimone BG, Ryan ED, Weinhold PS, Lewek MD, Lee DR, Blackburn JT. The Effects Of Vibratory Stimuli On Quadriceps Peak Torque, Rate Of Torque Development, And Electromyography. *Southwest American College of Sports Medicine Meeting*. Costa Mesa CA. Oct 16-17, 2015.
53. Pamukoff DN, Pietrosimone BG, Ryan ED, Weinhold PS, Lewek MD, Lee DR, Blackburn JT. The Effects of Whole Body and Local Muscle Vibration on Active Motor Threshold, Hoffman's Reflex, and Central Activation Ratio of the Quadriceps. *American Society of Biomechanics Regional Meeting – Human Movement Science Research Symposium*. Chapel Hill NC. April 17, 2015.
54. Patton DT, Wong MA, Brown LE. Effect of skateboarding stance leg on unilateral balance. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S349, 2015.
55. Patton DT, Wong MA, Vargas CP, Brown LE. Comparison of medial/lateral balance between skateboarders and non-skateboarders. SWACSM Annual Meeting, Costa Mesa, CA, October 16-17, 2015.
56. Pereira MC, Rocha-Junior VA, Brown LE, Bottaro M, Teles FS, do Carmo JC. Surface EMG traditional and wavelet transform parameters applied to monitor changes after exercise-induced muscle damage. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S469, 2015.
57. Pietrosimone B, Blackburn JT, Harkey MS, Luc BA, Pamukoff DN, Lane AR, Hackney AC, Padua DA, Stanley LE, Mauntel T, Frank BA, Spang J, Jordan JM, Driban JB. Greater Peak Vertical Ground Reaction Force and Vertical Ground Reaction Force Loading Rate during Walking Gait are Associated with a Lower Serum Ratio of Collagen Turnover in Individuals with Anterior Cruciate Ligament Reconstruction. *Osteoarthritis Research Society International – 2015 World Congress on Osteoarthritis*. Seattle WA, April 30-May 3, 2015.
58. Pietrosimone BG, Blackburn JT, Harkey MS, Luc BA, Pamukoff DN. Rate of Torque Development during a Maximal Isometric Contraction as a Surrogate Outcome for Isokinetic Power. *Medicine and science in sports and exercise*. May 2015; 47(5S):187-198.
59. Pietrosimone BG, Blackburn JT, Harkey MS, Luc BA, Stanley LE, Pamukoff DN, Lane AR, Mauntel TC, Hackney AC, Padua DA, Spang J, Jordan JM, Driban JB.

Quadriceps Function and Voluntary Activation Associate with Self-Reported Function but not a Biomarker of Cartilage Catabolism in Anterior Cruciate Ligament Reconstructed Patients. *Great Lakes Athletic Trainers Association 47th Annual Meeting.* Wheeling, IL. May 11-14. 2015.

60. Record SM, Malyszek KK, Davis KA, Harmon R, Manolovitz A, Steele J, Ortiz R, Brown LE, Coburn JW, Galpin AJ. Acute effects of elastic bands on force, velocity and power during deadlifts at various loads. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S939, 2015.
61. Rocha-Junior VA, Teles FS, Pereira MC, Brown LE, Tome F, do Carmo JC, Andrade M. Muscle coactivation during fatiguing exercise performed with different resistance types. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S354, 2015.
62. Rojo, V. M., & Coburn, J. W. (2015). The effects of self-selected music on recovery from a fatiguing bout of isokinetic leg extensions. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
63. Romero B, Coburn JW, Brown LE, Galpin AJ. Metabolic demands of heavy metal drumming. ACSM Annual Meeting, San Diego, CA, May 26-30, 2015. *Medicine and Science in Sports and Exercise* 47(5):S765, 2015.
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