

Curriculum Vita

Jared W. Coburn, PhD, CSCS,*D, FNCSA, FACSM

Professor, Department of Kinesiology
California State University, Fullerton
800 N. State College Blvd., KHS-235
Fullerton, CA 92834-6870
Tel. (657) 278-2629
Fax (657) 278-1548
Email: [jacoburn@fullerton.edu](mailto:jcoburn@fullerton.edu)

EDUCATION

Doctor of Philosophy, Human Sciences (Exercise Physiology), University of Nebraska, Lincoln, NE, 2005

Master of Science, Physical Education, California State University, Fullerton, CA, 1990

Bachelor of Science, Physical Education, California State University, Fullerton, CA, 1987

Associate of Arts, Liberal Arts, Santa Ana College, Santa Ana, CA, 1984

ACADEMIC/TEACHING EXPERIENCE

Full Professor, California State University, Fullerton, Department of Kinesiology, Fullerton, CA
2010 to present

- Teach undergraduate and graduate classes including the following:
 - Physiology of Exercise
 - Physiology of Exercise Lab
 - Measurement and Statistics in Kinesiology
 - Principles of Strength and Conditioning
 - Environmental Exercise Physiology (undergraduate/graduate)
 - Research Methods in Kinesiology (graduate)
 - Advanced Study in Physiology of Exercise (graduate)
- Assist with new course and curriculum development in strength and conditioning
 - Principles of Strength and Conditioning
 - Exercise Techniques for Strength and Conditioning
 - Program Design for Strength and Conditioning
 - Practice of Personal Training
 - Measurement Techniques in Strength and Conditioning
- Assist with course and curriculum development to meet NSCA education recognition program requirements for strength and conditioning, personal training, and graduate studies

- Serve as chair or member of master's thesis, project, and comprehensive exam committees
- Provide service to University as member of committees
- Served as Kinesiology Graduate Program Adviser – *2007 to 2014*

Associate Professor, California State University, Fullerton, Department of Kinesiology, Fullerton, CA, *2005 - 2010*

Graduate Assistant and Doctoral Student, University of Nebraska, Departments of Health and Human Performance/Nutrition and Health Sciences, Lincoln, NE, *2001 - 2005*

Taught lab sections of the following courses:

- Human Anatomy (cadaver based)
- Physiology of Exercise
- Exercise Testing

Adjunct Professor, California Baptist University, Department of Kinesiology, Riverside, CA, *2006 - present*

- Serve on master's thesis committees
- Teach undergraduate and graduate classes including the following:
 - Foundations of Kinesiology
 - Exercise Physiology
 - Applied Exercise Physiology
 - Measurement and Evaluation in Kinesiology
 - Research Methods and Evaluation in Kinesiology
 - Principles of Conditioning Athletes
 - Musculoskeletal Exercise Interventions (graduate)

Assistant Professor and Chair, California Baptist University, Department of Kinesiology, Riverside, CA, *1997 - 2001*

- Taught undergraduate classes including the following:
 - Movement Anatomy
 - Foundations of Kinesiology
 - Motor Learning
 - Biomechanics
 - Exercise Physiology
 - Applied Exercise Physiology
 - Measurement and Evaluation in Kinesiology
 - Fitness Assessment and Exercise Prescription

- Principles of Conditioning Athletes
- Hired and supervised job performance of departmental faculty and staff
- Scheduled and lead department meetings
- Created and managed department budget
- Served on academic standards committee
- Supervised master's students' work
- Assisted with writing Western Association of Schools and Colleges (WASC) accreditation document
- Directed campus fitness center, designing and implementing conditioning programs for faculty, staff, and athletic programs

Lecturer, California State University, Division of Kinesiology and Health Promotion, Fullerton, CA, 1993 - 2001

- Taught undergraduate and graduate classes including the following:
 - Physiology of Exercise
 - Measurement and Statistics in Kinesiology and Health
 - Perspectives in Kinesiology
 - Physical Activity and Lifelong Well-Being
 - Scientific Bases of Training (graduate)

NON-ACADEMIC WORK EXPERIENCE

Wellness Director, The Claremont Club, Claremont, CA, 1997 - 1998

- Hired, trained, and evaluated fitness and wellness personnel
- Developed corporate fitness programs
- Spoke to community groups regarding fitness and wellness topics
- Participated in health fairs within Claremont and surrounding communities

Director, Circle City Fitness and Wellness Center, Corona, CA, 1990 – 1997

- Hired, trained, and evaluated fitness personnel
- Hired and evaluated physical therapy personnel
- Developed corporate fitness programs
- Spoke to community groups and businesses regarding fitness and wellness topics
- Participated in health fairs within Corona and surrounding communities
- Prepared annual budget

PUBLICATIONS

1. Dobbs+, I. J., Wong+, M. A., Watkins+, C. M., Barillas+, S. R., Rivera+, M., **Coburn, J. W.**, Costa, P. B., & Brown, L.E. (in press). Correlation between isometric horizontal push force and sprint times in collegiate rugby union players. *Journal of Australian Strength and Conditioning*.
2. Miller+, K. L., Costa, P. B., **Coburn, J. W.**, Brown, L. E. (in press). The effects of foam rolling on maximal sprint performance and range of motion. *Australian Journal of Strength and Conditioning*.
3. Salatto+, R. W., Arevalo+, J. A., Brown, L. E., Wiersma, L. D., & **Coburn, J. W.** (in press). Caffeine's effects on an upper-body resistance exercise workout. *Journal of Strength and Conditioning Research*.
4. Bathgate, K. E., Bagley, J. R., Jo, E., Talmadge, R. J., Tobias, I. S., Brown, L. E., **Coburn, J. W.**, Arevalo, J. A., Segal, N. L. & Galpin, A. J., (2018). Muscle health and performance in monozygotic twins with 30 years of discordant exercise habits. *European Journal of Applied Physiology*, 1-14.
5. Madoni+, S. N., Costa, P. B., **Coburn, J. W.**, Galpin, A. G. (2018). Effects of foam rolling on range of motion, peak torque, muscle activation, and the hamstrings-to-quadriceps strength ratios. *Journal of Strength and Conditioning Research*, 32(7), 1821-1830.
6. Marquardt+, A. M., Wong+, M. A., Watkins+, C. M., Barillas+, S. R., Galpin, A. J., **Coburn, J. W.**, Brown, L. E. (2018). Effects of starting stance on base running sprint speed in softball players. *International Journal of Exercise Science*, 11(6), 179-186.
7. Rivera+, M., Leyva+, W. D, Archer+, D. C., Munger+, C. N., Watkins+, C. M., Wong+, M. A., Dobbs+, I. J., Galpin, A. J., **Coburn, J. W.**, Brown, L. E. (2018). No effect of assisted hip rotation on bat velocity. *International Journal of Exercise Science*, 11(4), 68-74.
8. Barillas, S. R., Watkins, C. M., Wong, M. A., Dobbs, I. J., Archer, D. C., Munger, C. N., Galpin, A. J., **Coburn, J. W.**, & Brown, L. E. (2017). Repeated plyometric exercise attenuates blood glucose in healthy adults. *International Journal of Exercise Science*, 10(7), 1076-1084.
9. Drouet+, P. C., Archer+, D. C., Munger+, C. N., **Coburn, J. W.**, Costa, P. B., Bottaro, M., & Brown, L. E. (2017). Hypotensive effects following upper vs. lower body resistance exercise between normotensive and prehypertensive men. *Journal of Exercise Physiology Online*, 20(2), 17-27.
10. Eckel+, T. L., Watkins+, C. M., Archer+, D. C., Wong+, M. A., Arevalo+, J. A., Lin+, A., **Coburn, J. W.**, Galpin, A. J., Brown, L. E. (2017). Bench press and pushup repetitions to failure with equated load. *International Journal of Sports Science and Coaching*, 12(5), 647-652.
11. Kupchak, B. R., Kraemer, W. J., Hooper, D. R., Saenz, C., Dulkis, L. L., Secola, P. J., Brown, L. E., Galpin, A. J., **Coburn, J. W.**, DuPont, W. H., Caldwell, L. K., Volek, J. S. & Maresh, C. M. (2017). The effects of a transcontinental flight on

- markers of coagulation and fibrinolysis in healthy men after vigorous physical activity. *Chronobiology International*, 34(2), 148-161.
12. Malyszek+, K. K., Harmon+, R. A., Dunnick+, D. D., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2017). Comparison of Olympic and hexagonal barbells with mid-thigh pull, deadlift, and countermovement jump. *Journal of Strength and Conditioning Research*, 31(1), 140–145.
 13. Maulit+, M. R., Archer+, D. C., Leyva+, W. D., Munger+, C. N., Wong+, M. A., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2017). Effects of kettlebell swing vs. explosive deadlift training on strength and power. *International Journal of Kinesiology and Sports Science*, 5(1), .
 14. Munger+, C. N., Archer+, D. C., Leyva+, W. D., Wong+, M. A., **Coburn, J. W.**, Costa, P. B., & Brown, L. E. (2017). Acute effects of eccentric overload on concentric front squat performance. *Journal of Strength and Conditioning Research*, 31(5), 1192-1197.
 15. Nealer+, A. L., Dunnick+, D. D., Malyszek+, K. K., Wong+, M. A., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2017). Influence of rest intervals after assisted sprinting on bodyweight sprint times in female collegiate soccer players. *Journal of Strength and Conditioning Research*, 31(1), 88-94.
 16. Pyka+, D. T., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2017). Effects of static, stationary, and traveling trunk exercises on muscle activation. *International Journal of Kinesiology and Sports Science*, 5(4), 26-32.
 17. Watkins+, C. M., Barillas+, S. R., Wong+, M. A., Archer+, D. C., Dobbs+, I. J., Lockie, R. G., **Coburn, J. W.**, Tran, T. T., & Brown, L. E. (2017). Determination of vertical jump as a measure of neuromuscular readiness and fatigue. *Journal of Strength and Conditioning Research*, 31(12), 3305-3310.
 18. Wong+, M. A., Dobbs+, I. J., Watkins+, C. M., Barillas+, S. R., Lin+, A., Archer+, D. C., Lockie, R. G., **Coburn, J. W.**, & Brown, L. E. (2017). No acute effect of sled towing on sprint acceleration or maximum speed. *Journal of Strength and Conditioning Research*, 31(11), 3046-3051.
 19. Anthony+, C. C., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., & Tran T. T. (2016). Stance affects balance in surfers. *International Journal of Sports Science and Coaching*, 1747954116645208.
 20. Archer+, D. C., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., Drouet+, P. C., Leyva+, W. D., Munger+, C. N., & Wong+, M. A. (2016). Effects of short-term jump squat training with and without chains on strength and power in recreational lifters. *International Journal of Kinesiology and Sports Science*, 4(4), 18-24.
 21. Arias+, J. C., **Coburn, J. W.**, Brown, L. E., & Galpin, A. J. (2016). The acute effects of heavy deadlifts on vertical jump performance in men. *Sports*, 4(2), 22.
 22. Camara+, K. D., **Coburn, J. W.**, Dunnick+, D. D., Brown, L. E., Galpin, A. J., & Costa, P. B. (2016). An examination of muscle activation and power characteristics while performing the deadlift exercise with straight and hexagonal barbells. *Journal of Strength and Conditioning Research*, 30(5), 1183-1188.

23. Galpin, A. J., Bagley, J. R., Whitcomb+, B., Wiersma, L. D., **Coburn, J. W.**, & Judelson, D. A. (2016). Effects of intermittent neck cooling during repeated bouts of high intensity exercise. *Sports*,4(3), 38.
24. Gulick+, C. N., **Coburn, J. W.**, Galpin, A. G., & Costa, P. B. (2016). Mechanomyographic amplitude and frequency vs. isometric torque relationships in women with higher vs. lower strength. *Isokinetics and Exercise Science*, 24 (4), 295-300.
25. Leyva+, W. D., Archer+, D. C., Munger+, C. N., Galpin, A. J., **Coburn, J. W.**, Brown, L. E. (2016). Comparison of deadlift versus back squat postactivation potentiation on vertical jump. *Gavin Journal of Orthopedic Research and Therapy*, 1(1):6-10.
26. Macias+, K. M., Brown, L. E., **Coburn, J. W.**, Chen, D. D. (2016). A comparison of upper body strength between rock climbing and resistance trained men. *Sports*, 3(3), 178-187.
27. McLeland+, K. A., Ruas+, C. V., Arevalo+, J. A., Bagley, J. R., Ciccone+, A. B., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., & Malyszczek+, K. K. (2016). Comparison of knee extension concentric fatigue between repetition ranges. *Isokinetics and Exercise Science*, 24, 33-38.
28. Nijem+, R. M., **Coburn, J. W.**, Brown, L. E., Lynn, S. K., & Ciccone+, A. B. (2016). Electromyographic and force plate analysis of the deadlift performed with and without chains. *Journal of Strength and Conditioning Research*, 30(5), 1177-1182.
29. Romero+, B., **Coburn, J. W.**, Brown, L. E., & Galpin, A. J. (2016). Metabolic demands of heavy metal drumming. *International Journal of Kinesiology and Sports Science*, 4(3), 32-36.
30. 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.
31. Avila+, B. J., Brown, L. E., **Coburn, J. W.**, Statler, T. A. (2015). Effects of imagery on force production and jump performance. *Journal of Exercise Physiology Online*, 18(4), 42-48.
32. Beaudette+, T. L., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Du Bois+, A. M., Dunnick+, D. D. (2015). Acute effects of assisted jumping on muscle activation and performance. *Jacobs Journal of Physiotherapy and Exercise*, 1(2), 012.
33. Dunnick+, D. D., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., & Barillas+, S. R. (2015). Bench press upper-body muscle activation between stable and unstable loads. *Journal of Strength and Conditioning Research*, 29(12), 3279-3283.
34. 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)*, 101, e52729.
35. Galpin, A. J., Malyszczek+, K. K., Davis+, K. A., Record+, S. M., Brown, L. E., **Coburn, J. W.**, Harmon+, R. A., Steele+, J. M., & Manolovitz+, A. D. (2015).

- 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.
36. Jones+, A., Brown, L. E., **Coburn, J. W.**, Noffal, G. J. (2015). Effects of foam rolling on vertical jump performance. *International Journal of Kinesiology & Sports Science*. 3(3),38-42.
 37. Trevino+, M. A., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., & Malek, M. H. (2015). Acute effects of caffeine on strength and muscle activation of the elbow flexors. *Journal of Strength and Conditioning Research*, 29(2), 513-520.
 38. 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.
 39. Ciccone+, A. B., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2014). Effects of traditional vs. alternating whole-body strength training on squat performance. *Journal of Strength and Conditioning Research*, 28(9), 2569-2577.
 40. Cochrane+, K. C., **Coburn, J. W.**, Brown, L. E., & Judelson, D. A. (2014). Effects of diverting activity on strength, electromyographic signals, and mechanomyographic signals. *Journal of Strength and Conditioning Research*, 28(5), 1203-1211.
 41. Moreno+, S. D., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A. (2014). Effect of cluster sets on plyometric jump power. *Journal of Strength and Conditioning Research*, 28(9), 2424-2428.
 42. Moyen+, N. E., Ellis+, C. L. V., Ciccone+, A. B., Thurston+, T. S., Cochrane+, K. C., Brown, L. E., **Coburn, J. W.**, Judelson, D. A. (2014). Increasing relative humidity impacts low-intensity exercise in the heat. *Aviation, Space, and Environmental Medicine*, 85(2), 112–119.
 43. Tan+, J. G., **Coburn, J. W.**, Brown, L. E., & Judelson, D. A. (2014). Effects of a single bout of lower-body aerobic exercise on muscle activation and performance during subsequent lower- and upper-body resistance exercise workouts. *Journal of Strength and Conditioning Research*, 28(5), 1235-1240.
 44. Cazas+, V. L., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., Tufano+, J. J., LaPorta+, J. W., & Du Bois+, A. M. (2013). Influence of rest intervals following assisted jumping on bodyweight vertical jump performance. *Journal of Strength and Conditioning Research*, 27(1), 64-68.
 45. Gallegos+, B. G., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., & Cazas+, V. L. (2013). No effect of a single remote voluntary contraction on performance in women soccer players. *Journal of Strength and Conditioning Research*, 27(2), 416-420.
 46. Jackson+, M. C., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., & Cullen-Carroll+, N. (2013). Towards standardization of the nomenclature of resistance training exercises. *Journal of Strength and Conditioning Research*, 27(5), 1441-1449.

47. LaPorta+, J. W., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., Tufano+, J. J., Cazas+, V. L., Tan+, J. G. (2013). Effects of different footwear on vertical jump and landing parameters. *Journal of Strength and Conditioning Research*, 27(3), 733-737.
48. Malek, M. H., Hüttemann, M., Lee, I., & **Coburn, J. W.** (2013). Similar skeletal muscle angiogenic and mitochondrial signaling following 8 weeks of endurance exercise in mice: discontinuous versus continuous training. *Experimental Physiology*, 98(3), 807-818.
49. **Coburn, J. W.** (2012). Measuring power. *Strength and Conditioning Journal*, 34(6), 25-28.
50. Jones+, L. A., **Coburn, J. W.**, Brown, L. E., & Judelson, D. A. (2012). Effects of static stretching on heart rate and fitness classification following the YMCA step test. *Gazzetta Medica Italiana*, 171(5), 613-620.
51. Otto+, W. H., **Coburn, J. W.**, Brown, L. E., & Spiering, B. A. (2012). Effects of weightlifting vs. kettlebell training on vertical jump, strength, and body composition. *Journal of Strength and Conditioning Research*, 26(5), 1199-1202.
52. Altamirano+, K. M., **Coburn, J. W.**, Brown, L. E., & Judelson, D. A. (2012). Effects of warm-up on peak torque, rate of torque development, and electromyographic and mechanomyographic signals. *Journal of Strength and Conditioning Research*, 26(5), 1296-1301.
53. Richardson+, K. L., **Coburn, J. W.**, Beam, W. C., & Brown, L. E. (2012). Effect of isocaloric carbohydrate vs. carbohydrate-protein supplements on cycling time-to-exhaustion. *Journal of Strength and Conditioning Research*, 26(5), 1361-1365.
54. Cramer, J. T., Housh, T. J., Johnson, G. O., **Coburn, J. W.**, & Stout, J. R. (2012). Effects of a carbohydrate-, protein-, and ribose-containing repletion drink during eight weeks of endurance training on aerobic capacity, endurance performance, and body composition. *Journal of Strength and Conditioning Research*, 26(8), 2234-2242.
55. Muñoz+, C. X., Carney, K. R., Schick+, M. K., **Coburn, J. W.**, Becker, A. J. & Judelson, D. A. (2012). Effects of oral rehydration and external cooling on physiology, perception, and performance in hot, dry climates. *Scandinavian Journal of Medicine & Science in Sports*, 22(6), e115-e124.
56. Tufano+, J. J., Brown, L. E., **Coburn, J. W.**, Tsang, K. W., Cazas+, V. L., LaPorta+, J. W. (2012). Effect of aerobic recovery intensity on delayed-onset muscle soreness and strength. *Journal of Strength and Conditioning Research*, 26(10), 2777-2782.
57. Biagini+, M. S., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., Statler, T. A., Bottaro, M., Tran+, T. T., & Longo, N. A. (2012). Effects of self-selected music on strength, explosiveness and mood. *Journal of Strength and Conditioning Research*, 26(7), 1934-1938.
58. Tran+, T. T., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., & Dabbs+, N. C. (2012). Effects of assisted jumping on vertical jump parameters. *Current Sports Medicine Reports*, 11(3), 155-159.

59. Franks+, K. A., Brown, L. E., **Coburn, J. W.**, Kersey, R. D., & Bottaro, M. (2012). Effects of motorized vs. non-motorized treadmill training on hamstring/quadriceps strength ratios. *Journal of Sports Science & Medicine*, *11*(1), 71-76.
60. Carney+, K. R., Brown, L. E., **Coburn, J. W.**, Spiering, B. A., Bottaro, M. (2012). Eccentric torque/velocity and power/velocity relationships in men and women. *European Journal of Sport Science*, *12*(2), 139-144.
61. **Coburn, J. W.**, Malek, M. H., Housh, T. J., Johnson, G. O., & Beck, T. W. (2011). Comparison of an accelerometer and piezoelectric contact sensor for examining the mechanomyographic signal from the vastus medialis during isometric muscle actions. *Isokinetics and Exercise Science*, *19*(4), 243-250.
62. Malek, M. H., & **Coburn, J. W.** (2011). MMG responses are not influenced by the innervation zone for the vastus medialis. *Muscle & Nerve*, *44*(3), 424-431.
63. Malek, M. H., **Coburn, J. W.**, Housh, T. J., & Rana, S. (2011). Excess post-exercise oxygen consumption is not associated with mechanomyographic amplitude after incremental cycle ergometry in the quadriceps femoris muscles. *Muscle & Nerve*, *44*(3), 432-438.
64. Nikolenko+, M., Brown, L. E., **Coburn, J. W.**, Spiering, B. A., & Tran+, T. T. (2011). Relationship between core power and measures of sport performance. *Kinesiology*, *43*(2), 163-168.
65. Wolfe+, A. E., Brown, L. E., **Coburn, J. W.**, Kersey, R. D., & Bottaro, M. (2011). Time course of the effects of static stretching on cycling economy. *Journal of Strength and Conditioning Research*, *25*(11), 2980-2984.
66. Tran+, T. T., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Dabbs+, N. C., Schick+, M. G., Schick+, E. E., Khamoui+, A. V., Uribe+, B. P., & Noffal, G. J. (2011). Effects of different elastic cord assistance levels on vertical jump. *Journal of Strength and Conditioning Research*, *25*(12), 3472-3478.
67. Faulkinbury+, K. J., Stieg+, J. L., Tran+, T. T., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A. (2011). Effects of depth jump vs. box jump warm-ups on vertical jump in collegiate vs. club female volleyball players. *Medicina Sportiva*, *15*(3), 103-106.
68. Stieg+, J. L., Faulkinbury+, K. J., Tran+, T. T., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A. (2011). Acute effects of depth jump volume on vertical jump performance in collegiate women soccer players. *Kinesiology*, *43*(1), 25-30.
69. Bartolini+, J. A., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., Spiering, B. A., Aguirre+, N. W., Carney, K. R., Harris, K. B. (2011). Optimal elastic cord assistance for sprinting in collegiate women soccer players. *Journal of Strength and Conditioning Research*, *25*(5), 1263-1270.
70. Martinen, R. H. J., Judelson, D. A., Wiersma, L. D., and **Coburn, J. W.** (2011). Effects of self-selected mass loss on performance and mood in collegiate wrestlers. *Journal of Strength and Conditioning Research*, *25*(4), 1010-1015.

71. Malek, M. H., **Coburn, J. W.**, York, R., Ng, J., & Rana, S. R.. (2010). Comparison of MMG sensors during incremental cycle ergometry for the quadriceps femoris. *Muscle & Nerve*, 42(3), 394-400.
72. Dabbs+, N., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Tran+, T. T., & Biagini+, M. S. (2010). Effect of whole-body vibration warm-up on bat speed in women softball players. *Journal of Strength and Conditioning Research*, 24(9), 2296-2299.
73. Chattong+, C., Brown, L. E., **Coburn, J. W.**, & Noffal, G. J. (2010). Effect of a dynamic loaded warm-up on vertical jump performance. *Journal of Strength and Conditioning Research*, 24(7), 1751-1754.
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75. Khamoui+, A. V., Brown, L. E., Nguyen+, D., Uribe+, B. P., **Coburn, J. W.**, Noffal, G. J., & Tran+, T. (2010). Relationship between force-time and velocity-time characteristics of dynamic and isometric muscle actions. *Journal of Strength and Conditioning Research*, 25(1), 198-204.
76. Rapisura, K. P., **Coburn, J. W.**, Brown, L. E., & Kersey, R. D. (2010). Physiological variables and mouthguard use in women during exercise. *Journal of Strength and Conditioning Research*, 24(5), 1263-1268.
77. Uribe+, B. P., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., Khamoui+, A. V., & Nguyen+, D. (2010). Muscle activation when on a stable bench vs. a Swiss ball. *Journal of Strength and Conditioning Research*, 24(4), 1195-1198.
78. Schick+, E. E., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., Khamoui+, A. V., Tran+, T., & Uribe+, B. P. (2010). A comparison of muscle activation between a Smith machine and free weight bench press. *Journal of Strength and Conditioning Research*, 24(3), 779-784.
79. Schick+, M. G., Brown, L. E., **Coburn, J. W.**, Beam, W. C., Schick+, E. E., & Dabbs+, N. C. (2010). Physiological profile of mixed martial artists. *Medicina Sportiva*, 14(4), 182-187.
80. Johnson+, T. M., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., Khamoui+, A. V., Tran+, T. T., Uribe+, B. P. (2010). Effect of four different starting stances on sprint time in collegiate volleyball players. *Journal of Strength and Conditioning Research*, 24(10), 2641-2646.
81. Eurich, A. D., Brown, L. E., **Coburn, J. W.**, Noffal, G. J., Nguyen+, D., Khamoui+, A. V., & Uribe+, B. P. (2010). Performance differences between sexes in the pop-up phase of surfing. *Journal of Strength and Conditioning Research*, 24(10), 2821-2825.
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* = Undergraduate student contributor

+ = Graduate student contributor

BOOKS, BOOK CHAPTERS, AND EDITED BOOKS

1. **Coburn, J. W.**, Beck, T. W., deVries, H. A., Housh, T. J., Cochrane-Snyman+, K. C., & Schick+, E. E. (2018). The neuromuscular system: Anatomical and physiological bases and adaptations to training. In L. E. Brown & T. J. Chandler (Eds.), *Conditioning for strength & human performance*. New York, NY: Routledge.
2. Malek, M. H., **Coburn, J. W.**, & Marelich, W. D. (2018). Advanced statistics for kinesiology and exercise science: a practical guide to ANOVA and regression analyses. New York, NY: Routledge.
3. Cochrane-Snyman+, K. C., & **Coburn, J. W.** (2017). Advanced programs. In L. E. Brown (Ed.), *Strength training* (Second ed.) (327-339). Champaign, IL: Human Kinetics.
4. Salatto+, R. W., Rojo+, V. M., & **Coburn, J. W.** (2017). Upper-body exercises. In L. E. Brown (Ed.), *Strength training* (Second ed.) (161-205). Champaign, IL: Human Kinetics.
5. Schick+, E. E., & **Coburn, J. W.** (2017). Intermediate programs. In L. E. Brown (Ed.), *Strength training* (Second ed.) (313-326). Champaign, IL: Human Kinetics.
6. **Coburn, J. W.**, Beck, T. W., deVries, H. A., & Housh, T. J. (2013). The neuromuscular system: Anatomical and physiological bases and adaptations to training. In L. E. Brown & T. J. Chandler (Eds.), *Conditioning for strength & human performance* (45-64). Philadelphia, PA: Lippincott Williams and Wilkins.
7. **Coburn, J. W.**, Malek, M. H. (Eds.). (2012). *NSCA's Essentials of Personal Training*. Champaign, IL: Human Kinetics.
8. **Coburn, J. W.**, & Malek, M. H. (2012). Structure and function of the muscular, skeletal, and nervous systems. In **J. W. Coburn** & M. H. Malek (Eds.), *NSCA's Essentials of Personal Training* (3-16). Champaign, IL: Human Kinetics.
9. Malek, M. H., & **Coburn, J. W.** (2012). The utility of electromyography and mechanomyography for assessing neuromuscular function: A noninvasive approach. In G. T. Carter (Ed.), *Physical medicine and rehabilitation clinics of North America* (23-32). New York, NY: Elsevier.
10. **Coburn, J. W.**, Beck, T. W., deVries, H. A., & Housh, T. J. (2008). The neuromuscular system: Anatomical and physiological bases and adaptations to training. In L. E. Brown & T. J. Chandler (Eds.), *Conditioning for Strength & Human Performance* (40-59). Philadelphia, PA: Lippincott Williams and Wilkins.
11. Cramer, J. T., & **Coburn, J. W.** (2004). Fitness testing protocols and norms. In T. R. Baechle & R. W. Earle (Eds.), *NSCA's Essentials of Personal Training* (217-263). Champaign, IL: Human Kinetics.

ORAL PRESENTATIONS

1. **Coburn, J. W.** (April 2017). Introduction & Exam Preparation Strategies. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.

2. **Coburn, J. W.** (April 2017). Anatomy & Physiology. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
3. **Coburn, J. W.** (April 2017). Bioenergetics & Metabolism. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
4. **Coburn, J. W.** (April 2017). Neuroendocrine Physiology. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
5. **Coburn, J. W.** (April 2017). Psychology of Athletic Preparation. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
6. **Coburn, J. W.** (April 2017). Biomechanics. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
7. **Coburn, J. W.** (April 2017). Training Adaptations. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
8. **Coburn, J. W.** (April 2017). Nutrition. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
9. **Coburn, J. W.** (December 2015). Anatomy & Physiology. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
10. **Coburn, J. W.** (December 2015). Bioenergetics & Metabolism. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
11. **Coburn, J. W.** (December 2015). Neuroendocrine Physiology. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
12. **Coburn, J. W.** (December 2015). Psychology of Athletic Preparation. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
13. **Coburn, J. W.** (December 2015). Nutrition. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
14. **Coburn, J. W.** (August 2015). Non-invasive measures of muscle performance. Chinese Olympic Coaches Delegation, Fullerton, CA.
15. **Coburn, J. W.** (April 2015). Anatomy & Physiology. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
16. **Coburn, J. W.** (April 2015). Bioenergetics & Metabolism. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
17. **Coburn, J. W.** (April 2015). Training Adaptations. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.
18. **Coburn, J. W.** (April 2015). Age- and Sex-Related Differences. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, Fullerton, CA.
19. **Coburn, J. W.** (April 2015). Nutrition. National Strength and Conditioning Association CSCS Exam Prep LIVE Clinic. Fullerton, CA.

20. **Coburn, J. W.** (July 2009). Nutritional supplements for strength and power. National Strength and Conditioning Association Annual Conference in Las Vegas, NV.
21. **Coburn, J. W.** (April 2009). Measures of muscle performance. National Strength and Conditioning Association “Bridging the Gap” symposium in Fullerton, CA.
22. **Coburn, J. W.** (June 2008). Stretching and warm-up: Their effects on muscular performance. National Athletic Trainers Association Annual Conference in St. Louis, MO.
23. **Coburn, J. W.** (February 2008). Science of flexibility. National Strength and Conditioning Association “Bridging the Gap” symposium in Fullerton, CA.
24. **Coburn, J. W.** (February 2008). Research and statistics for strength and conditioning professionals. National Strength and Conditioning Association “Bridging the Gap” symposium in Fullerton, CA.
25. **Coburn, J. W.** (July 2007). Applied testing and statistics for strength and conditioning professionals. National Strength and Conditioning Association Annual Conference in Atlanta, GA.
26. **Coburn, J. W.** (June 2007). Non-invasive measures of muscle performance. Chinese Olympic Coaches Delegation, Fullerton, CA.
27. **Coburn, J. W.** (April 2007). Noninvasive measures of muscle performance. Oral presentation at Far West Athletic Trainers Association Annual Meeting in Las Vegas, NV.
28. **Coburn, J. W.** (November 2006). Noninvasive measures of muscle performance. Southwest Chapter of the American College of Sports Medicine Annual Meeting in San Diego, CA.
29. **Coburn, J. W.** (July 2006). Off-season protein and amino acid supplementation for strength and body composition. Invited National Strength and Conditioning Association Annual Conference in Washington, D.C.
30. **Coburn, J. W.,** Housh, T. J., Miller, J.M., Cramer, J. T., & G. O. Johnson. (July 2003). Mechanomyographic amplitude and frequency vs. torque relationships during isometric muscle actions. (Oral/slide Presentation at the NSCA Annual National Conference, Indianapolis.)

ABSTRACTS AND POSTER PRESENTATIONS

1. Favela+, D., Rhouni+, N., Ramirez+, J., Corella+, E., Hernandez+, C., Reid+, M. J., Gillum, T., Coburn, J., Dabbs, N. C. (2018). The acute effects of mini-trampoline jumping on jump performance in recreationally trained individuals. Poster session at National Strength and Conditioning Association Annual Meeting, Indianapolis, IN.
2. Hernandez+, C., Rhouni+, N., Favela+, D., Ramirez+, J., Corella+, E., Reid+, M. J., Gillum, T., Coburn, J., Dabbs, N. C. (2018). The acute effects of miniature trampoline usage on muscle activation during vertical jumping. Poster session at National Strength and Conditioning Association Annual Meeting, Indianapolis, IN.

3. Reid+, M. J., Rhouni+, N., Corella+, E., Favela+, D., Hernandez+, C., Ramirez+, J., Gillum, T., Coburn, J., Dabbs, N. C. (2018). Immediate effect of mini-trampoline jumping on balance. Poster session at National Strength and Conditioning Association Annual Meeting, Indianapolis, IN.
4. Favela+, D., Rhouni+, N., Ramirez+, J., Corella+, E., Hernandez+, C., Reid+, M. J., Gillum, T., **Coburn, J.**, Dabbs, N. C. (2018). The acute effects of mini-trampoline jumping on jump performance in recreationally trained individuals. Poster session at Southwest NSCA Regional Meeting, Santa Monica, CA.
5. Hernandez+, C., Rhouni+, N., Favela+, D., Ramirez+, J., Corella+, E., Reid+, M. J., Gillum, T., **Coburn, J.**, Dabbs, N. C. (2018). The acute effects of miniature trampoline usage on muscle activation during vertical jumping. Poster session at Southwest NSCA Regional Meeting, Santa Monica, CA.
6. Reid+, M. J., Rhouni+, N., Corella+, E., Favela+, D., Hernandez+, C., Ramirez+, J., Gillum, T., **Coburn, J.**, Dabbs, N. C. (2018). Immediate effect of mini-trampoline jumping on balance. Poster session at Southwest NSCA Regional Meeting, Santa Monica, CA.
7. Choe+, K. H., Costa, P. B., **Coburn, J. W.**, & Pamukoff, D. N. (2018). An analysis of squat mechanics between individuals with high and low strength levels. Poster session at American College of Sports Medicine Annual Meeting, Minneapolis, MN.
8. Choe+, K. H., **Coburn, J. W.**, Costa, P. B., & Pamukoff, D. N. (2017). Comparing the back squat and deadlift. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
9. Dobbs+, I. J., Wong+, M. A., Watkins+, C. M., Barillas+, S. R., Rivera+, M., **Coburn, J. W.**, Costa, P. B., & Brown, L. E. (2017). Relationship between isometric horizontal push force and sprint speed in collegiate rugby players. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
10. Drouet+, P. C., Archer+, D. C., Munger+, C. N., **Coburn, J. W.**, Costa, P. B., Bottaro, M., & Brown, L. E. (2017). Hypotensive effects of upper and lower body resistance exercise on systolic blood pressure in pre-hypertensive males. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
11. Eckel+, T. L., Watkins+, C. M., Archer+, D. C., Wong+, M. A., Arevalo+, J. A., Lin*, A., **Coburn, J. W.**, Galpin, A. J., & Brown, L. E. (2017). Differences in bench press vs. Push-up repetitions to failure with equated load between genders. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
12. Kammerer+, J. D., Dobbs+, I. J., Wong+, M. A., Watkins+, C. M., Barillas+, S. R., Rivera+, M., **Coburn, J. W.**, Costa, P. B., & Brown, L. E. (2017). Differences between unilateral and bilateral horizontal isometric push force in collegiate rugby players. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
13. Marquardt+, A. M., Wong+, M. A., Watkins+, C. M., Barillas+, S. R., **Coburn, J. W.**, Galpin, A. J., & Brown, L. E. (2017). Effects of starting position on sprint speed in softball players. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.

14. Munger+, C. N., Archer+, D. C., Harmon+, R. A., Harmon+, K. K., Pamukoff, D., N., **Coburn, J. W.**, & Brown, L. E.. (2017). Relationship between relative bench press 1rm and angle specific isometric bench press. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
15. Pyka+, D. T., **Coburn, J. W.**, Brown, L. E., & Costa, P. B. (2017). Effects of static, stationary, and traveling trunk exercises on muscle activation. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
16. Salatto+, R. W., **Coburn, J. W.**, Arevalo+, J. A., Brown, L. E., & Wiersma, L. D. (2017). Caffeine's effects on an upper body resistance exercise strength workout. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
17. Wong+, M. A., Dobbs+, I. J., Watkins+, C. M., Barillas+, S. R., Lin*, A., Archer+, D. C., **Coburn, J. W.**, Lockie, R. G., & Brown, L. E. (2017). Acceleration sprint time is potentiated following sled towing. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
18. Barillas+, S. R., Watkins+, C. M., Wong+, M. A., Dobbs+, I. J., Archer+, D. C., Munger+, C. N., Galpin, A. J., **Coburn, J. W.**, & Brown, L. E. (2017). Acute effects of plyometric exercise on blood glucose. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
19. Munger+, C. N., Archer+, D. C., Harmon+, R. A., Harmon+, K. K., Pamukoff, D. N., **Coburn, J. W.**, & Brown, L. E. (2017). Low correlation between bench press one-repetition maximum and angle specific isometric bench press. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
20. Rosengarten+, J. J., **Coburn, J. W.**, Brown, L. E., & Galpin, A. J. (2017). Mechanomyographic responses to blood flow restricted, fatiguing isometric muscle actions. Thematic poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
21. Salatto+, R. W., **Coburn, J. W.**, Arevalo+, J. A., Brown, L. E., & Wiersma, L. D. (2017). Caffeine's effects on an upper body resistance exercise strength workout. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
22. Wong+, M. A., Watkins+, C. M., Dobbs+, I. J., Barillas+, S. R., Archer+, D. C., **Coburn, J. W.**, Lockie, R. G., & Brown, L. E. (2017). No acute effect of sled towing on sprint acceleration or maximum speed. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
23. Archer+, D. C., Munger+, C. N., Leyva+, W. D., Wong+, M. A., **Coburn, J. W.**, Costa, P. B., & Brown, L. E. (2016). Acute effects of eccentric overload on concentric front squat peak power. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
24. Barillas+, S. R., Watkins+, C. M., Galpin, A. J., **Coburn, J. W.**, & Brown, L. E. (2016). Acute effects of plyometric exercise on glycemic control. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
25. Bartolini+, J. A., Nealer+, A. L., Dunnick+, D. D., Malyszek+, K. K., Wong+, M. A., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2016). Elastic-cord assistance provides sustained supramaximal-sprint speed even after assistance has lapsed.

- Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
26. Dobbs+, I. J., McLeland+, K. A., Wong+, M. A., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2016). Max effort thirty repetition isokinetic fatigue test does not correlate with classic Thorstensson test. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 27. Drouet+, P. C., Munger+, C. N., Archer+, D. C., Wong+, M. A., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2016). Acute effects of upper body resistance exercise on diastolic blood pressure in normotensive and prehypertensive males. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 28. Lazauskas, K., Bathgate, K. E., Bagley, J. R., Jo+, E., Segal, N. L., Brown, L. E., **Coburn, J. W.**, Ruas, C. V., & Galpin, A. J. (2016). Muscle structure in monozygous twins with 35 years of differing exercise background. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 29. Leyva+, W. D., Maulit, M. R., Archer+, D. C., Munger+, C. N., Wong+, M. A., **Coburn, J. W.**, Galpin, A. J., & Brown, L. E. (2016). Effects of kettlebell swing vs. explosive deadlift training on rate of force development. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 30. Lin, A., Wong+, M. A., Watkins+, C. M., Dobbs+, I. J., Barillas+, S. R., Archer+, D. C., **Coburn, J. W.**, Lockie, R. G., & Brown, L. E. (2016). No sprint potentiation following sled towing. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 31. Maulit, M. R., Archer+, D. C., Leyva+, W. D., Munger+, C. N., Wong+, M. A., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2016). Effects of kettlebell swing vs. explosive deadlift training on strength and power. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 32. McManus, R. T., Malek, M. H., Burghardt, K. J., Bagley, J. R., Arevalo+, J. A., Shumaker, G., **Coburn, J. W.**, Costa, P. B., & Galpin A. J. (2016). Epigenetic response to an acute bout of resistance exercise in trained men. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 33. Munger+, C. N., Archer+, D. C., Leyva+, W. D., Wong+, M. A., **Coburn, J. W.**, Costa, P. B., & Brown, L. E. (2016). Acute effects of eccentric overload on concentric front squat peak velocity. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 34. Rivera, M., Dobbs+, I. J., Wong+, M. A., McLeland+, K. A., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2016). No evidence of pacing between a thirty repetition and fifty repetition fatigue test. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 35. Rojo+, V. M., Moon, G. H., **Coburn, J. W.**, Brown, L. E., & Costa, P. B. (2016). The effects of self-selected music as a diverting activity between two bouts of fatiguing isokinetic leg extensions. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 36. Ros, T. R., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2016). Comparison of kettlebell jump squats vs. kettlebell swings on the vertical jump. Poster session at

- Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
37. Salatto+, R. W., **Coburn, J. W.**, Arevalo+, J. A., Brown, L. E., & Wiersma, L. D. (2016). Caffeine's effects on an upper body resistance exercise strength workout. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 38. Thomson, E. E., Munger+, C. N., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2016). No potentiating effect of weighted depth jumps on vertical jump height in recreational and club female volleyball players. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 39. Wong+, M. A., Watkins+, C. M., Dobbs+, I. J., Lin, A., Barillas+, S. R., Archer+, D. C., **Coburn, J. W.**, Lockie, R. G., & Brown, L. E. (2016). Relationship between relative strength and sprint potentiation following sled towing. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 40. Archer+, D. C., Munger+, C. N., Leyva+, W. D., Drouet+, P. C., Wong+, M. A., **Coburn, J. W.**, Galpin, A. J., & Brown, L. E. (2016). Effects of short term jump squat training with and without chains on back squat 1RM. Poster session at National Strength and Conditioning Association Annual Meeting, New Orleans, LA.
 41. Bartolini+, J. A., Nealer+, A. L., Dunnick+, D. D., Malyszek+, K. K., Wong+, M. A., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2016). Elastic band assisted sprints increase acute acceleration speed in collegiate female soccer players. Poster session at National Strength and Conditioning Association Annual Meeting, New Orleans, LA.
 42. Bathgate, K. E., Bagley, J. R., Jo+, E., Segal, N. L., Brown, L. E., **Coburn, J. W.**, Gulick+, C. N., Ruas, C. V., & Galpin, A. J. (2016). Physiological profile of monozygous twins with 35 years of differing exercise habits. Poster session at National Strength and Conditioning Association Annual Meeting, New Orleans, LA.
 43. Drouet+, P. C., Munger+, C. N., Archer+, D. C., Wong+, M. A., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2016). Acute effects of lower body resistance exercise on systolic blood pressure in pre-hypertensive males. Poster session at National Strength and Conditioning Association Annual Meeting, New Orleans, LA.
 44. Eckel, T. L., Leyva+, W. D., Archer+, D. C., Munger+, C. N., Galpin, A. J., **Coburn, J. W.**, & Brown, L. E. (2016). Effect of hex bar deadlift vs. back squat postactivation potentiation on vertical jump time to peak force. Poster session at National Strength and Conditioning Association Annual Meeting, New Orleans, LA.
 45. Leyva+, W. D., Archer+, D. C., Munger+, C. N., Galpin, A. J., **Coburn, J. W.**, & Brown, L. E. (2016). Comparison of hex bar deadlift vs. Back squat postactivation potentiation on vertical jump force, power, and velocity interpeak times. Poster session at National Strength and Conditioning Association Annual Meeting, New Orleans, LA.
 46. Munger+, C. N., Drouet+, P. C., Archer+, D. C., Wong+, M. A., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2016). An examination of systolic blood pressure post upper body resistance exercise in pre-hypertensive males. Poster

- session at National Strength and Conditioning Association Annual Meeting, New Orleans, LA.
47. Thomson, E. E., Munger+, C. N., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2016). No potentiating effect of weighted depth jumps on vertical jump impulse in recreational female volleyball players. Poster session at National Strength and Conditioning Association Annual Meeting, New Orleans, LA.
 48. Anthony+, C. C., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., & Tran+, T. T. (2016). Dynamic balance ability in surfers by stance. Poster session at American College of Sports Medicine Annual Meeting, Boston, MA.
 49. Ballon, J., Bagley, J. R., McLeland+, K. A., Arevalo+, J. A., Brown, L. E., **Coburn, J. W.**, Ciccone+, A. B., & Galpin, A. J. (2016). Reexamining skeletal muscle fatigability and fiber type in resistance trained med: 40 years after Thorstensson. Poster session at American College of Sports Medicine Annual Meeting, Boston, MA.
 50. Camara+, K. D., **Coburn, J. W.**, Dunnick+, D. D., Brown, L. E., Galpin, A. J., & Costa, P. B. (2016). An examination of muscle activation and power characteristics while performing the deadlift exercise with straight and hexagonal barbells. Poster session at American College of Sports Medicine Annual Meeting, Boston, MA.
 51. Cochrane+, K., Housh, T. J., Smith, C. M., Hill, E. C., Jenkins, N. D. M., Miramonti, A., Schmidt, R. J., Johnson, G. O., Cramer, J. T., & **Coburn, J. W.** (2016). Physiological responses underlying the perception of effort during moderate and heavy intensity cycle ergometry. Poster session at American College of Sports Medicine Annual Meeting, Boston, MA.
 52. Gulick+, C. N., **Coburn, J. W.**, Galpin, A. J., & Costa, P. B. (2016). Relationships for MMG amplitude and frequency vs. torque in women with higher vs. lower strength. Thematic poster session at American College of Sports Medicine Annual Meeting, Boston, MA.
 53. Harmon+, R. A., Malyszczek+, K. K., Dunnick+, D. D., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2016). Correlation between isometric deadlift with Olympic and hexagonal barbells to a vertical jump. Poster session at American College of Sports Medicine Annual Meeting, Boston, MA.
 54. Malyszczek+, K. K., Harmon+, R. A., Dunnick+, D. D., Costa, P. B., **Coburn, J. W.**, & Brown, L. E. (2016). Relationship between dynamic and isometric force measured at the mid-thigh and deadlift positions. Poster session at American College of Sports Medicine Annual Meeting, Boston, MA.
 55. Munger+, C. M., Leyva+, W. D., Archer+, D. C., Galpin, A. J., **Coburn, J. W.**, & Brown, L. E. (2016). Comparison of hex bar deadlift vs. back squat postactivation potentiation on vertical jump takeoff velocity. Poster session at American College of Sports Medicine Annual Meeting, Boston, MA.
 56. Anthony+, C. C., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., & Tran+, T. T. (2015). Effect of stance on balance in surfers. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 57. Archer+, D., Munger+, C. N., Leyva+, W. D., Drouet+, P. C., Galpin, A. J., **Coburn, J. W.**, Brown, L. E. (2015). Effect of short-term jump squat training with or without chains on vertical jump: A pilot study. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.

58. Drouet+, P. C., Archer+, D. C., Costa, P. B., **Coburn, J. W.**, Brown, L. E. (2015). Dissimilar responses of heart rate and systolic blood pressure to lower body resistance exercise. A pilot study. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
59. Eckel, T. L., Munger+, C. N., Malyszec+, K. K., Dunnick+, D. D., Harmon+, R. A., Tran+, T. T., Costa, P. B., **Coburn, J. W.**, Brown, L. E. (2015). Differences between dynamic strength index and delta dynamic strength index of a hex bar mid-thigh pull. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
60. Harmon+, R. A., Malyszec+, K. K., Dunnick+, D. D., Costa, P. B., **Coburn, J. W.**, Brown, L. E. (2015). Performance between isometric mid-thigh pulls and the deadlift with different bars. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
61. Leyva+, W. D., Archer+, D. C., Munger+, C. N., Galpin, A. J., **Coburn, J. W.**, Brown, L. E. (2015). Comparison of hex bar deadlift vs. back squat postactivation potentiation on vertical jump. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
62. Malyszec+, K. K., Dunnick+, D. D., Harmon+, R. A., Costa, P. B., **Coburn, J. W.**, Brown, L. E. (2015). Differences in rate of force development when gripping a hexagonal barbell with low vs. high handles. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
63. Munger+, C. N., Eckel, T. L., Malyszec+, K. K., Dunnick+, D. D., Harmon+, R. A., Tran+, T. T., Costa, P. B., **Coburn, J. W.**, Brown, L. E. (2015). Differences in dynamic strength index between an isometric mid-thigh pull and isometric deadlift. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
64. Vahradian, D., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., Dunnick+, D. D. (2015). An analysis of ascent and descent velocity of the lifter and barbell during a clean. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
65. Harmon+, R. A., Malyszec+, K. K., Dunnick+, D. D., Galpin, A. J., **Coburn, J. W.**, & Brown, L. E. (2015). Methodological considerations for an isometric bench press protocol. Poster session at National Strength and Conditioning Association Annual Meeting, Orlando, FL.
66. Malyszec+, K. K., Dunnick+, D. D., Harmon+, R. A., Galpin, A. J., **Coburn, J. W.**, & Brown, L. E. Prediction of dynamic bench press 1RM via isometric bench press force. Poster session at National Strength and Conditioning Association Annual Meeting, Orlando, FL.
67. McLeland+, K. A., Brown, L. E., Galpin, A. J. & **Coburn, J. W.** (2015). Differences in fatigue percentage based on leg extension repetitions. Poster session at National Strength and Conditioning Association Annual Meeting, Orlando, FL.
68. Arevalo+, J. A., McLeland+, K. A., Brown, L. E., & **Coburn, J. W.** (2015). Comparison of classic fatigability and peak torque tests used to estimate fast-twitch muscle fiber composition. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
69. Barillas+, S. R., Dunnick+, D. D., Brown, L. E., **Coburn, J. W.**, & Lynn, S. K. (2015). Upper body muscle activation between stable and unstable load during

- concentric bench press. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
70. Beaudette+, T. L., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., & Dunnick+, D. D. (2015). Acute effects of assisted jumping on relative peak power and peak velocity of a vertical jump. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 71. Crum, B. N., **Coburn, J. W.**, Brown, L. E., & Galpin, A. (2015). Acute effects of alkaline water on high intensity anaerobic performance. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 72. Dunnick+, D. D., Barillas+, S. R., Brown, L. E., **Coburn, J. W.**, & Lynn, S. K. (2015). Upper body muscle activation between stable and unstable load during eccentric bench press. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 73. Macias+, K. M., Brown, L. E., **Coburn, J. W.**, & Chen, D. D. (2015). A comparison of upper body strength between rock climbing and resistance trained men. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 74. Malyszcz+, K. K., Record, S. M., Davis, K. A., Harmon+, R. A., Manolovitz, A., Steele, J., Ortiz, R., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2015). Acute effects of elastic bands on power characteristics during deadlifts at various loads. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 75. McLeland+, K. A., Arevalo+, J. A., Bagley, J. R., Ciccone+, A. B., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2015). A reexamination of fatigability and fiber composition of human skeletal muscle. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 76. Record, S. M., Malyszcz+, K. K., Davis, K. A., Harmon+, R. A., Manolovitz, A., Steele, J., Ortiz, R., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2015). Acute effects of elastic bands on force characteristics during deadlifts at various loads. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 77. 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.
 78. Romero+, B., **Coburn, J. W.**, Brown, L. E., & Galpin, A. J. (2015). Metabolic demands of heavy metal drumming. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 79. Rosengarten, J. J., Whitcomb, B., Fippinger, M., **Coburn, J. W.**, Wiersma, L. D., Judelson, D. A., & Galpin, A. J. (2015). The effects of intermittent actual and perceived cooling on repeated bouts of high intensity exercise. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 80. Soria, A., **Coburn, J. W.**, Brown, L. E., & Kersey, R. D. (2015). Differences between hip abductor and adductor strength and medial tibial stress syndrome in collegiate distance runners. Poster session at American College of Sports Medicine Annual Meeting, San Diego, CA.
 81. Arevalo+, J. A., McLeland+, K. A., Brown, L. E., & **Coburn, J. W.** (2014). Comparison of classic fatigability and peak torque tests used to estimate fast-

- twitch muscle fiber composition. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
82. Barillas+, S. R., Dunnick+, D. D., Brown, L. E., **Coburn, J. W.**, & Lynn, S. K. (2014). Upper body muscle activation between stable and unstable load during concentric bench press. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 83. Beaudette+, T. L., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., & Dunnick+, D. D. (2014). Acute effects of assisted jumping on relative peak power and peak velocity of a vertical jump. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 84. Crum, B. N., **Coburn, J. W.**, Brown, L. E., & Galpin, A. (2014). Acute effects of alkaline water on high intensity anaerobic performance. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 85. Dunnick+, D. D., Barillas+, S. R., Brown, L. E., **Coburn, J. W.**, & Lynn, S. K. (2014). Upper body muscle activation between stable and unstable load during eccentric bench press. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 86. Macias+, K. M., Brown, L. E., **Coburn, J. W.**, & Chen, D. D. (2014). A comparison of upper body strength between rock climbing and resistance trained men. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 87. Malyszek+, K. K., Record, S. M., Davis, K. A., Harmon+, R. A., Manolovitz, A., Steele, J., Ortiz, R., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2014). Acute effects of elastic bands on power characteristics during deadlifts at various loads. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 88. Record, S. M., Malyszek+, K. K., Davis, K. A., Harmon+, R. A., Manolovitz, A., Steele, J., Ortiz, R., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2014). Acute effects of elastic bands on force characteristics during deadlifts at various loads. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 89. Rojo+, V. M., & **Coburn, J. W.** (2014). The effects of self-selected music on recovery from a fatiguing bout of isokinetic leg extensions. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 90. Romero+, B., **Coburn, J. W.**, Brown, L. E., & Galpin, A. J. (2014). Metabolic demands of heavy metal drumming. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 91. Rosengarten, J. J., Whitcomb, B., Fippinger, M., **Coburn, J. W.**, Wiersma, L. D., Judelson, D. A., & Galpin, A. J. (2014). The effects of intermittent actual and perceived cooling on repeated bouts of high intensity exercise. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.
 92. Soria, A., **Coburn, J. W.**, Brown, L. E., & Kersey, R. D. (2014). Differences between hip abductor and adductor strength and medial tibial stress syndrome in collegiate distance runners. Poster session at Southwest American College of Sports Medicine Annual Meeting, Costa Mesa, CA.

93. Barker, L., Lynn, S. K., Brown, L. E., & **Coburn, J. W.** (2014). Effect of a glute-targeted warm-up on hip and knee moments during a countermovement jump. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
94. Ciccone+, A., Hafenstine, R., Cho, A. L., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2014). Effects of traditional vs. Alternating whole-body strength training on average power and reps to failure. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
95. Dunnick+, D. D., Beaudette+, T. L., Brown, L. E., **Coburn, J. W.**, & Lynn, S. K. (2014). Acute effects of assisted jumping on jump performance. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
96. McLeland+, K. A., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2014). Quadriceps cross sectional area correlates with dynamic peak torque but not as a percent of MVIC. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
97. Nijem+, R., **Coburn, J. W.**, Brown, L. E., Lynn, S. K., & Ciccone+, A. B. (2014). An electromyographic and force plate analysis of the deadlift performed with and without chains. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
98. Pena, I. M., Cho, A. L., Brown, L. E., **Coburn, J. W.**, & Lynn, S. K. (2014). Effects of pre-event massage on speed in collegiate sprinters. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
99. Du Bois+, A. M., Nelson, G. C., Ciccone+, A. B., April, S. A., Thurston, T. S., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., & Judelson, D. A. (2014). Effect of serial apneas and facial immersion on high intensity aerobic performance. Poster session at American College of Sports Medicine Annual Meeting, Orlando, FL.
100. Cho, A. L., Ciccone+, A. B., Hafenstine, R., Pereira, M. C., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2014). Alternating whole-body strength training increases time to peak ground reaction force across multiple sets. Poster session at American College of Sports Medicine Annual Meeting, Orlando, FL.
101. Ciccone+, A. B., Cho, A. L., Hafenstine, R., Pereira, M. C., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2014). Effects of traditional vs. Alternating whole-body strength training on rate of force development and volume. Poster session at American College of Sports Medicine Annual Meeting, Orlando, FL.
102. Cho, A. L., Davis, K. A., Galpin, A. J., Brown, L. E., & **Coburn, J. W.** (2013). Effect of elastic bands vs. Free weights on deadlift interpeak time between ground reaction force, power, and velocity. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
103. Ciccone+, A. B., Hafenstine, R., Cho, A. L., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2013). Effects of traditional vs. alternating whole-body strength training on squat performance. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
104. Du Bois+, A. M., Nelson, G. C., Ciccone+, A. B., April, S. A., Thurston, T. S., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., & Judelson, D. A. (2013). Effect of serial apneas and facial immersion on high intensity aerobic performance. Poster session at Southwest American College of Sports Medicine, Newport Beach, CA.
105. English, G., Brown, L. E., **Coburn, J. W.**, & Noffal, G. (2013). Comparison of hip flexion strength, velocity and sprint speed in collegiate track and field middle

- distance and long distance runners. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
106. Godinez, C., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., Beaudette+, T. L., Pereira, M. C. (2013). Differences in electromechanical delay between genders and muscles during isometric knee extension/flexion. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
 107. Harmon+, R., Davis, K. A., Brown, L. E., **Coburn, J. W.**, & Galpin, A. J. (2013). Acute effects of elastic bands on power characteristics during the deadlift. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
 108. Nijem+, R. M., **Coburn, J. W.**, Brown, L. E., Lynn, S. K., & Ciccone+, A. B. (2013). A force plate analysis of the deadlift performed with and without chains. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
 109. Pham, H. N., Tutor, A., Adams, E. Judelson, D. A., **Coburn, J. W.**, & Rubin, D. A. (2013). Endocrine response to acute resistance exercise in lean versus obese college-aged males. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
 110. Quiros, C. R., **Coburn, J. W.**, Beam, W. C., Judelson, D. A., & Barker, L. A. (2013). Effects of caffeine and training state on aerobic exercise and excess post-exercise oxygen consumption in females. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
 111. Shannon, E. M., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., & Beam, W. C. (2013). Effect of hiking style on efficiency among wildland firefighters. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
 112. Cazas+, V. L., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., Tufano+, J. J., Garner, J. C., Dabbs+, N. C., Chander, H. (2013). Influence of rest intervals following assisted jumping on peak velocity, rate of velocity development & rate of force development. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 113. Marquez, B., Brown, L. E., **Coburn, J. W.**, Noffal, G. J., & Truong, L. (2013). Effect of static vs. dynamic warm-up on bat velocity. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 114. Moreno, S., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A. (2013). Effect of cluster sets on plyometric jump performance. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 115. Trevino+, M. A., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., & Malek, M. H. (2013). Effects of caffeine on the reliability of EMG amplitude and frequency for the biceps brachii. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 116. Cochrane+, K. C., **Coburn, J. W.**, Brown, L. E., & Judelson, D. A. (2013). Effects of diverting activity on strength, electromyographic and mechanomyographic signals. Poster session at American College of Sports Medicine Annual Meeting, Indianapolis, IN.
 117. Du Bois+, A. M., Barker, L. A., Brown, L. E., & **Coburn, J. W.** (2013). Effect of resisted jumping on vertical jump relative peak power. Poster session at American College of Sports Medicine Annual Meeting, Indianapolis, IN.

118. Moyen+, N. E., Ellis, C. L. V., Ciccone+, A. B., Thurston, T. S., Cochrane+, K. C., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A. (2013). Effects of relative humidity on thermoregulation and perception during low intensity exercise in the heat. Poster session at American College of Sports Medicine Annual Meeting, Indianapolis, IN.
119. Alway, S. J., **Coburn, J. W.**, Kersey, R. D., & Tsang, K. K. (2013). Superficial cold and heat modalities influence on soleus function. Poster session at Far West Athletic Trainers' Association Annual Meeting, Sacramento, CA.
120. Arias+, J. C., **Coburn, J. W.**, Brown, L. E., Galpin, A. (2012). The acute effects of heavy deadlifts on vertical jump performance in men. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
121. Barker, L. A., Du Bois+, A. M., Brown, L. E., & **Coburn, J. W.** (2012). Effect of band-resisted jumping and subsequent countermovement jump performance. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
122. Cazas+, V. L., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., Tufano+, J. J., LaPorta+, J. W., & Truong, L. (2012). Influence of rest intervals following assisted jumping on relative peak power. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
123. Du Bois+, A. M., Barker, L. A., Brown, L. E., & **Coburn, J. W.** (2012). Effect of resisted jumping on vertical jump impulse. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
124. Ellington, K. E., Wu, W. F., Brown, L. E., & **Coburn, J. W.** (2012). Effect of branched-chain amino acids and carbohydrate supplement timing with resistance training on strength in women. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
125. Gallegos+, B. K., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., & Cazas+, V. L. (2012). No effect of a single remote voluntary contraction on performance in women soccer players. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
126. Jackson+, M. C., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A. (2012). Towards standardization of the nomenclature of resistance training exercises. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
127. Moyen+, N. E., Ellis, C. L. V., Ciccone+, A. B., Thurston, T. S., Cochrane+, K. C., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A. (2012). Effects of relative humidity on thermoregulation and perception during low intensity exercise in the heat. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
128. Skinner, A. W., Brown, L. E., & **Coburn, J. W.** (2012). Effect of four weeks of squat or hang clean or combination training on vertical jump in college females. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
129. Trevino+, M. A., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., & Malek, M. H. (2012). Effects of caffeine on the reliability of maximal isometric torque measures of the elbow flexors. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.

130. Tufano+, J. J., Brown, L. E., **Coburn, J. W.**, Tsang, K. K. W., Cazas+, V. L., & LaPorta+, J. W. (2012). Effect of aerobic activity on delayed-onset muscle soreness and performance. Poster session at Southwest American College of Sports Medicine Annual Meeting, Newport Beach, CA.
131. Cochrane+, K. C., **Coburn, J. W.**, Judelson, D. A., & Brown, L. E. (2012). Comparison of active and diverting recovery strategies between bouts of fatiguing lower body exercise. Poster session at National Strength and Conditioning Association Annual Meeting, Providence, RI.
132. Tan+, J. G., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., Barsaga, B., Morales, J. R., Du Bois+, A. B., Nelson, G. C., Cazas+, V. L., & Truong, L. (2012). Effects of a single bout of lower body aerobic exercise on muscle activation and performance during subsequent lower and upper body resistance exercise workouts. Poster session at National Strength and Conditioning Association Annual Meeting, Providence, RI.
133. Tran+, T. T., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., Cazas+, V. L., Tufano+, J. J., LaPorta+, J. W., & Truong, L. (2012). Effects of assisted jumping on vertical jump relative peak power and relative rate of peak power development. Poster session at National Strength and Conditioning Association Annual Meeting, Providence, RI.
134. Cazas+, V. L., Brown, L. E., **Coburn, J. W.**, Galpin, A. J., Tufano+, J. J., LaPorta+, J. W., & Truong, L. (2012). Influence of rest intervals following assisted jumping on vertical jump height. Poster session at National Strength and Conditioning Association Annual Meeting, Providence, RI.
135. Tufano+, J. J., Cazas+, V. L., **Coburn, J. W.**, Galpin, A. J., Santana, J. C., & Brown, L. E. (2012). Effect of position and gender on push-up force. Poster session at National Strength and Conditioning Association Annual Meeting, Providence, RI.
136. Du Bois+, A. B., Moyen+, N. E., Pittman, M. B., Hamedani, B., Noffal, G. J., Lynn, S. K., **Coburn J. W.**, & Brown, L. E. (2012). Preliminary field equation to estimate power from the standing long jump. Poster session at National Strength and Conditioning Association Annual Meeting, Providence, RI.
137. Moyen+, N. E., Du Bois+, A. B., Pittman, M. B., Hamedani, B., Noffal, G. J., Lynn, S. K., **Coburn, J. W.**, & Brown, L. E. (2012). Correlations between variables in the standing long jump. Poster session at National Strength and Conditioning Association Annual Meeting, Providence, RI.
138. Tan+, J. G., **Coburn, J. W.**, Judelson, D. A., Brown, L. E., Barsaga, B., Morales, J. R., Du Bois+, A. M., Nelson, G. C., Cazas+, V. L., & Truong, L. (2012). Acute effects of lower body aerobic exercise on lower and upper body resistance exercise workouts. Poster session at American College of Sports Medicine Annual Meeting, San Francisco, CA.
139. Trevino+, M. A., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., & Malek, M. H. (2012). Acute effects of caffeine on strength and electromechanical efficiency of the biceps brachii. Poster session at American College of Sports Medicine Annual Meeting, San Francisco, CA.
140. Aguirre+, N. W., Tan+, J. G., Coats, D. R., Spiering, B. A., Brown, L. E., **Coburn, J. W.**, Rubin, D. A., & Judelson, D. A. (2012). Effect of exercise order on cardiorespiratory and perceptual responses to concurrent exercise. Poster

- session at American College of Sports Medicine Annual Meeting, San Francisco, CA.
141. Ng, J., Du Bois+, A. M., Moye+, N. E., Tan+, J. G., Villa, M. R., Brown, L. E., **Coburn, J. W.**, Casa, D. J., & Judelson, D. A. (2012). Effect of clothing on validity of devices used to estimate core temperature in cold environments. Poster session at American College of Sports Medicine Annual Meeting, San Francisco, CA.
 142. Martin, B. J., Bartolini+, J. A., Thurston, T. S., Aguirre+, N. W., Kamel, B., M., **Coburn, J. W.**, Brown, L. E., Rubin, D. A., & Judelson, D. A. (2012). Effects of chronic green tea extract supplementation on substrate utilization and time-trial performance. Poster session at American College of Sports Medicine Annual Meeting, San Francisco, CA.
 143. Al-Majid, S., **Coburn, J. W.**, & Wilson, L. D. (2011). The effects of an exercise program on aerobic fitness in women receiving chemotherapy for breast cancer. Poster session at Southwest American College of Sports Medicine Annual Meeting, Reno, NV.
 144. Cochrane+, K., **Coburn, J. W.**, & Malek, M. H. (2011). Effects of incremental exercise and mechanomyographic sensor placement on the vastus lateralis during cycle ergometry. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 145. Trevino+, M. A. **Coburn, J. W.**, Brown, L. E., Judelson, D. A., & Malek, M. H. (2011). Acute effects of caffeine on measures of excitation-contraction coupling and the rate of torque development. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 146. Tran+, T. T., Biagini+, M. S., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., Statler, T. A., Longo, N. A., LePrevost, P. A., Cazas+, V. L., & Bottaro, M. (2011). Effects of self-selected music on vertical jump and squat jump height. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 147. Cazas+, V. L., Biagini+, M. S., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., Statler, T. A., Tran+, T. T., Longo, N. A., LePrevost, P. A., & Bottaro, M. (2011). Effects of self-selected music on strength. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 148. Tufano+, J. J., Franks, K. A., Cazas+, V. L., Ng, J., Kersey, R. D., **Coburn, J. W.**, & Brown, L. E. (2011). Effects of motorized vs. non-motorized treadmill training on hamstring strength. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 149. Franks, K. A., Tufano+, J. J., Cazas+, V. L., Ng, J., Kersey, R. D., **Coburn, J. W.**, & Brown, L. E. (2011). Effects of motorized vs. non-motorized treadmill training on functional hamstring/quadriceps strength ratios. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 150. Wolfe, A. E., Brown, L. E., **Coburn, J. W.**, Kersey, R. D., & Bottaro, M. (2011). Acute effects of static stretching on cycling economy. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 151. Trevino+, M. A. **Coburn, J. W.**, Brown, L. E., & Judelson, D. A. (2011). Acute effects of caffeine on strength and muscle activation of the elbow flexors. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.

152. Davis, J. T., Judelson, D. A., Brown, L. E., **Coburn, J. W.**, Ellis, C. L., Ng, J., Coats, D. R., & Jennings, C. A. (2011). Effect of ambient temperature on thermoregulation, perceptual responses and performance of a 5000 m run. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
153. Judelson, D. A., Thomas, W. E., **Coburn, J. W.**, Kersey, R. D., Rubin, D. A., Bagley, J. R., & Ng, J. (2011). Effect of caffeine supplementation on catecholamine and metabolic responses to exercise in cold conditions. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
154. Aguirre+, N. W., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Noffal, G. J., Nguyen+, D., Cochrane+, K., Tran+, T. T., Cazas+, V., Biagini+, M. S., & Bottaro, M. (2011). Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
155. Cazas+, V. L., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Noffal, G. J., Tran+, T. T., Nguyen+, D., Biagini+, M. S., Bera, S. G., & Bottaro, M. (2011). Effect of elastic assistance vs. Bodyweight training on vertical jump. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
156. Muñoz, C. X., Judelson, D. A., **Coburn, J. W.**, Becker, A. J., Carney, K. R., Schick+, M. K., & Brown, L. E. (2011). Effects of drinking and external cooling on low intensity exercise and performance in hot-dry environments. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
157. Dabbs+, N. C., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Tran+, T. T., Biagini+, M. S., & Garner, J. C. (2011). Relationship between bat speed and performance in division I softball players. Poster session at American College of Sports Medicine Annual Meeting, Denver, CO.
158. Gallo, S., **Coburn, J. W.**, Brown, L. E., & Judelson, D. A. (2010). A comparison of flexibility after a single-bout of Ashtanga and Bikram yoga . Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
159. Jones+, L. A., **Coburn, J. W.**, Brown, L. E., & Judelson, D. A. (2010). Effects of static stretching on heart rate and fitness classification following the YMCA step test. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
160. Trevino+, M. A., **Coburn, J. W.**, Brown, L. E., & Judelson, D. A. (2010). Acute effects of caffeine on strength and muscle activation of the elbow flexors. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
161. Caceres, K., Putcha, C., Brown, L. E., & **Coburn, J. W.** (2010). Predicting BMI based on income and education. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
162. Aguirre+, N. W., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Noffal, G. J., Nguyen+, D., Cochrane+, K. C., Tran+, T. T., Cazas+, V. L., Biagini+, M. S., & Bottaro, M. (2010). Effect of different levels of assisted jumping on countermovement unloading force and velocity. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
163. Cochrane+, K. C., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Noffal, G. J., Tran+, T. T., Nguyen+, D., Cazas+, V. L., Biagini+, M. S., Aguirre+, N. W., & Bottaro, M. (2010). Reliability of performance measures of an assisted and

- unassisted jump. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
164. Carney, K. R., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., & Spiering, B. A. (2010). Eccentric torque/velocity and power/velocity relationships of the elbow flexors. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
 165. Tran+, T. T., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Noffal, G. J., Nguyen+, D., Cazas+, V. L., Biagini+, M. S., Aguirre+, N. W., Cochrane+, K. C., & Bottaro, M. (2010). Effect of elastic cord assistance on vertical jump relative peak power. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
 166. Cazas+, V. L., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Noffal, G. J., Tran+, T. T., Nguyen+, D., Biagini+, M. S., Aguirre+, N. W., Cochrane+, K. C., & Bottaro, M. (2010). Effect of elastic assistance on vertical jump deceleration between men and women. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
 167. Biagini+, M. S., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Noffal, G. J., Tran+, T. T., Nguyen+, D., Cazas+, V. L., Aguirre+, N. W., Cochrane+ K. C., & Bottaro M. (2010). Effect of elastic cord assistance on vertical jump interpeak time between ground reaction force, power and velocity. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
 168. Moreland+, C. M., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A.. (2010). Physiological profile of professional BMX freestyle riders. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
 169. Bartolini+, J. A., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., Spiering, B. A., Aguirre+, N., Harris+, K., & Longo+, N. (2010). Optimal elastic cord assistance to increase acute sprinting performance in Div I women soccer players. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
 170. Brito+, A., Brown, L. E., Cooky, C. A., & **Coburn, J. W.** (2010). Multifactorial variables associated with disciplinary sanctions in soccer. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
 171. Murphy+, J. S., Brown, L. E., Statler, T. A., & **Coburn, J. W.** (2010). Stress and recovery during a professional baseball season. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
 172. Nikolenko+, M. T., Brown, L. E., **Coburn, J. W.**, & Spiering, B. A. (2010). The relationship between core strength/power and measures of performance. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
 173. Gochioco+, M. K., Brown, L. E., **Coburn, J. W.**, Beam, W. C., Schick+, E. E., Dabbs+, N. C., Khamoui+, A. V., Tran+, T. T., & Muñoz, C. X. (2010). A comparison of the physiological profiles of mixed martial artists and football, basketball, and baseball players. Poster session at National Strength and Conditioning Association Annual Meeting, Orlando, FL.
 174. Tran+, T. T., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Dabbs+, N. C., Gochioco+, M. K., Schick+, E. E., Khamoui+, A. V., Uribe+, B. P., & Noffal, G.

- J. (2010). Effects of different levels of assisted jumping on peak velocity, takeoff velocity and relative rate of force development. Poster session at National Strength and Conditioning Association Annual Meeting, Orlando, FL.
175. Stevens+, H. B., Brown, L. E., **Coburn, J. W.**, Spiering, B. A. (2010). Effect of swim sprints on throwing accuracy and velocity in female collegiate water polo players. Poster session at National Strength and Conditioning Association Annual Meeting, Orlando, FL.
 176. Cherry+, E., Brown, L. E., **Coburn, J. W.**, & Noffal, G. J. (2010). Effect of remote voluntary contractions on knee extensor torque and RVD. Poster session at National Strength and Conditioning Association Annual Meeting, Orlando, FL.
 177. Jo+, E., Martinez+, M., Brown, L. E., **Coburn, J. W.**, Biagini+, M. S., Gochioco+, M. K., & Judelson, D.A. (2010). Effects of caffeine on resistance exercise performance, mood, heart rate, and rate of perceived exertion. Poster session at Southeast American College of Sports Medicine Annual Meeting, Greenville, SC.
 178. Khamoui+, A.V., Brown, L. E., Tran+, T. T., Uribe+, B. P., Nguyen+, D., Gochioco+, M. K., Schick+, E. E., Jo+, E., **Coburn, J. W.**, Noffal, G. J. (2010). Comparison of methods to calculate vertical jump displacement. Poster session at Southeast American College of Sports Medicine Annual Meeting, Greenville, SC.
 179. Muñoz, C. X., Tran+, T. T., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Dabbs+, N. C., Gochioco+, M. K., Schick+, E. E., Khamoui+, A. V., Uribe+, B. P., & Noffal, G. J. (2010). Effects of assisted jumping on relative impact force and descent velocity. Poster session at National Strength and Conditioning Association Annual Meeting, Orlando, FL.
 180. Schick+, E. E., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., Khamoui+, A. V., Tran+, T., & Uribe+, B. P. (2010). Comparison of 1RM strength and muscle activation between the Smith machine and free weight bench press in experienced and inexperienced lifters. Poster session at American College of Sports Medicine Annual Meeting, Baltimore, MD.
 181. Thomas+, W. E., Judelson, D. A., Bagley+, J. R., **Coburn, J. W.**, Kersey, R. D., Rubin, D. A. (2010). Effect of caffeine supplementation on cycling performance during cold stress. Slide presentation at American College of Sports Medicine Annual Meeting, Baltimore, MD.
 182. Dabbs+, N. C., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Biagini+, M. S., Tran+, T. T. (2010). Effect of whole-body vibration warm-up on bat speed. Poster session at American College of Sports Medicine Annual Meeting, Baltimore, MD.
 183. Jo+, E., Martinez+, M., Brown, L. E., **Coburn, J. W.**, Biagini+, M., Gochioco+, M., Judelson, D. A. (2010). Effects of caffeine on resistance exercise performance, mood, heart rate, and rating of perceived exertion. Poster session at American College of Sports Medicine Annual Meeting, Baltimore, MD.
 184. Tai, T. T., Brown, L. E., **Coburn, J. W.**, Lynn, S. K., Dabbs+, N. C., Gochioco+, M. K., Schick+, E. E., Khamoui+, A. V., Uribe+, B. P., & Noffal, G. J. (2010). Effects of different levels of assisted jumping on vertical jump height and relative ground reaction force. Poster session at American College of Sports Medicine Annual Meeting, Baltimore, MD.
 185. Gochioco+, M. K., Schick+, E. E., Dabbs+, N. C., Khamoui+, A. V., Tran+, T. T., Brown, L. E., & **Coburn, J. W.** (2010). Physiological profile of amateur mixed

- martial artists. Poster session at American College of Sports Medicine Annual Meeting, Baltimore, MD.
186. Schick+, E. E., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., Khamoui+, A. V., Tran+, T., & Uribe+, B. P. (2009). Comparison of 1RM strength and muscle activation between the Smith machine and free weight bench press in experienced and inexperienced lifters. Poster session at Southwest Chapter of the American College of Sports Medicine Annual Meeting, San Diego, CA.
 187. Gochioco+, M. K., Tran+, T. T., Khamoui+, A. V., Uribe+, B. P., Nguyen+, D., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., & Noffal, G. J. (2009). Effect of sex and relative force on vertical jump takeoff velocity and jump height. Poster session at Southwest Chapter of the American College of Sports Medicine Annual Meeting, San Diego, CA.
 188. Tran+, T. T., Khamoui+, A. V., Uribe+, B. P., Nguyen+, D., Gochioco+, M. K., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., & Noffal, G. J. (2009). influence of training status and potentiating exercise volume on vertical jump rate of force and velocity development. Poster session at Southwest Chapter of the American College of Sports Medicine Annual Meeting, San Diego, CA.
 189. Black+, L., Kelly+, S. B., Brown, L. E., **Coburn, J. W.**, Nguyen+, D., Dodd, D. J., & Alvar, B. A. (2009). Rate of velocity development for knee extensors: Crossover to untrained speeds. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 190. Chattong+, C., Brown, L. E., **Coburn, J. W.**, & Noffal, G. J. (2009). Effect of a dynamic-loaded warm-up on vertical jump performance. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 191. Dabbs+, N. C., Khamoui+, A. V., Nguyen+, D., Uribe+, B. P., Tran+, T., Jo+, E., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., Noffal, G. J. (2009). Difference in vertical jump performance by force production. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 192. Faulkinbury+, K., Stieg+, J. L., Brown, L. E., **Coburn, J. W.**, Judelson, D. A. (2009). Potentiating effects of depth and box jumps on vertical jump performance in female collegiate volleyball players. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 193. Johnson+, T., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., Khamoui+, A. V., Uribe+, B. P., Tran+, T. (2009). Effect of starting stance on sprint time in NAIA volleyball players. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
 194. Kelly+, S., Brown, L. E., **Coburn, J. W.**, Nguyen+, D., Black+, L. E., Dodd, D. J., & Alvar, B. A. (2009). The effect of single versus multiple sets: Carryover to untrained speeds. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
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 196. Schick+, E. E., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., Khamoui+, A. V., Tran+, T., & Uribe+, B. P. (2009). A comparison of muscle activation between a Smith machine and free weight bench press. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.

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202. Khamoui+, A. V., Uribe+, B. P., Nguyen+, D., Tran+, T., Brown, L. E., **Coburn, J. W.**, Judelson, D. A., & Noffal, G. J. (2008). Effect of potentiating exercise volume on vertical jump height and velocity. Poster session at Southwest Chapter of the American College of Sports Medicine Annual Meeting, San Diego, CA.
203. Peterson+, B. M., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., & Gallo+, S. (2008). Acute effects of caffeine on strength and anaerobic capabilities in college age males. Poster session at Southwest Chapter of the American College of Sports Medicine Annual Meeting, San Diego, CA.
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209. Nguyen+, D., Brown, L. E., **Coburn, J. W.**, Judelson, D. A. (2008). The effect of DOMS on muscle performance. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
210. Montoya+, B., Brown, L. E., **Coburn, J. W.**, Zinder, S. M. (2008). The effect of different warm-up conditions on normal baseball bat velocity. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
211. Uribe+, B. P., **Coburn, J. W.**, Brown, L. E., Judelson, D. A., Khamoui+, A. V. (2008). The effects of stable and unstable surface types on muscle activation when performing the chest press and shoulder press. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
212. Eurich+, A. D., Brown, L. E., **Coburn, J. W.**, Noffal, G. J. (2008). Performance differences between sexes in the surfing pop-up. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
213. Khamoui+, A. V., Uribe+, B. P., **Coburn, J. W.**, Brown, L. E., Judelson, D. A. (2008). The effect of varied surface types on EMG frequency during upper body resistance exercise. Poster session at National Strength and Conditioning Association Annual Meeting, Las Vegas, NV.
214. **Coburn, J. W.**, Malek, M. H., & Brown, L. E. (2008). Interlimb comparison of the mechanomyographic time and frequency domain responses of the vastus medialis. Poster session at American College of Sport Medicine Annual Meeting, Indianapolis, IN.
215. Nguyen+, D., Uribe+, B., Nishimura+, K., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A. (2008). Gender effects on dynamic RVD and static RFD. Poster session at American College of Sport Medicine Annual Meeting, Indianapolis, IN.
216. Uribe+, B., Nguyen+, D., Nishimura+, K., Brown, L. E., **Coburn, J. W.**, & Judelson, D. A. (2008). Relationship between maximum isometric force and maximum velocity. Poster session at American College of Sport Medicine Annual Meeting, Indianapolis, IN.
217. Nguyen+, D., Uribe+, B., Nishimura+, K., Brown L. E., **Coburn J. W.**, Judelson D. (2007). Vertical jump is correlated with maximal isometric force. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
218. Uribe+, B., Nguyen+, D., Nishimura+, K., Brown, L. E., **Coburn J. W.**, Judelson, D. (2007). The relationship between rate of velocity development and rate of force development. Poster session at Southwest American College of Sports Medicine Annual Meeting, San Diego, CA.
219. McClenton+, L. S., Brown, L. E., **Coburn, J. W.**, Kersey, R. D. (2007). The effect of short-term Vertimax vs. depth jump training on vertical jump performance. Poster session at National Strength and Conditioning Association Annual Meeting, Atlanta, GA.
220. Nguyen+, D., Brown, L. E., **Coburn, J. W.**, Zinder, S. M., Gardner+, L. M., Kelly+, S. B. (2007). No correlation between static RFD and dynamic knee strength. Poster session at National Strength and Conditioning Association Annual Meeting, Atlanta, GA.

221. **Coburn, J. W.**, Malek, M. H., Brown, L. E., & Zinder, S. M. (2007). Mechanomyographic responses of the superficial quadriceps femoris muscles to incremental isometric muscle actions. Poster session at American College of Sport Medicine Annual Meeting, New Orleans, LA.
222. Gardner+, L.M., Brown, L. E., **Coburn, J. W.**, Zinder, S. M., & Kelly+, S.B. (2007). The relationship between strength and explosiveness. Poster session at American College of Sport Medicine Annual Meeting, New Orleans, LA.
223. Hendrix, C.R., Beck, T. W., Housh, T. J., Johnson, G. O., Weir, J. P., Cramer, J. T., **Coburn, J. W.**, Malek, M. H., & Mielke, M. (2007). Effects of very short-term, unilateral, isokinetic training of the forearm flexors on strength in the trained and untrained limbs. Poster session at American College of Sport Medicine Annual Meeting, New Orleans, LA.
224. Kelly+, S.B., Brown, L. E., **Coburn, J. W.**, Zinder, S. M., Gardner+, L.M., & Nguyen+, D. (2007). Effect of single vs. multiple sets for strength. Poster session at American College of Sport Medicine Annual Meeting, New Orleans, LA.
225. Malek, M. H., **Coburn, J. W.**, Weir, J. P., Beck, T. W., & Housh, T. J., (2007). The relationship between mechanomyographic responses of the superficial quadriceps muscles and excess post-exercise oxygen consumption following constant power output cycle ergometry. Poster session at American College of Sport Medicine Annual Meeting, New Orleans, LA.
226. Nguyen+, D., Brown, L. E., Gardner+, L. M., **Coburn, J. W.**, Zinder, S. M., & Kelly+, S.B. (2007). The effect of sex on isokinetic knee extension total work. Poster session at American College of Sport Medicine Annual Meeting, New Orleans, LA.
227. Brown, L. E., Zinder, S. M., **Coburn, J. W.**, Gardner, L.M., Kelly+, S.B., Bera+, S.G., Nguyen+, D., Wood+, N.R., Garrett+, N.M., & Murray+, D.P. (2006). Variability of rate of velocity development distance and time. Poster session at National Strength and Conditioning Association Annual Conference, Washington, D.C.
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230. Kelly+, S.B., Brown, L. E., Zinder, S. M., **Coburn, J. W.**, Gardner+, L.M., Bera+, S.G., Nguyen+, D., Wood+, N.R., Garrett+, N.M., & Murray+, D.P. (2006). Relationship between time to peak torque and rate of velocity development. Poster session at National Strength and Conditioning Association Annual Conference, Washington, D.C.
231. Magana+, N., Brown, L. E., **Coburn, J. W.**, Zinder, S. M. (2006). Effect of dynamic warm-up on vertical jump power. Poster session at National Strength and Conditioning Association Annual Conference, Washington, D.C.
232. Malek, M. H., **Coburn, J. W.**, Weir, J. P., Beck, T. W., & Housh, T. J. (2006). The relationship between mechanomyographic responses of the superficial

- quadriceps muscle and excess post-exercise oxygen consumption. Poster session at National Strength and Conditioning Association Annual Conference, Washington, D.C.
233. Mielke, M., Malek, M. H., Housh, T. J., Beck, T. W., **Coburn, J. W.**, Housh, D. J., Schmidt, R. J., & Johnson, G. O. (2006). Effects of supplementation with whey protein and leucine during reduced volume resistance training and detraining. Poster session at National Strength and Conditioning Association Annual Conference, Washington, D.C.
234. Beck, T. W., Housh, T. J., Johnson, G. O., Weir, J. P., Cramer, J. T., **Coburn, J. W.**, Malek, M. H., & Mielke, M. (2006). Effects of two days of isokinetic training on strength, electromyography, and mechanomyography. Poster session at American College of Sport Medicine Annual Meeting, Denver, CO.
235. Brown, L. E., Wood+, N.R., Zinder, S. M., **Coburn, J. W.**, Gardner+, L.M., Kelly+, S.B., Bera+, S.G., Nguyen+, D., Garrett+, N.M., Murray+, D.P. (2006). Effect of speed and gender on rate of velocity development quadriceps/hamstrings ratios. Poster session at American College of Sport Medicine Annual Meeting, Denver, CO.
236. **Coburn, J. W.**, Housh, T. J., Malek, M. H., Brown, L. E., Beck, T. W., & Johnson, G. O. (2006). The effects of three days of velocity-specific isokinetic training on strength in the trained and untrained limb. Poster session at American College of Sport Medicine Annual Meeting, Denver, CO.
237. Findley+, B.W., Brown, L. E., Wood+, N.R., Zinder, S. M., **Coburn, J. W.**, Gardner+, L.M., Kelly+, S.B., Bera, S.G., Nguyen+, D., Garrett+, N.M., Murray+, D.P. (2006). Relationship between rate of velocity development distance and time. Poster session at American College of Sport Medicine Annual Meeting, Denver, CO.
238. Malek, M. H., Berger, D. E., Housh, T. J., Marelich, W. D., **Coburn, J. W.**, & Beck, T. W. (2006). Cardiovascular function following surgical repair of pectus excavatum: A meta-analysis. Poster session at American College of Sport Medicine Annual Meeting, Denver, CO.
239. Mielke, M., Malek, M. H., Housh, T. J., **Coburn, J. W.**, Schmidt, R. J., Weir, J. P., Beck, T. W., & Johnson, G. O. (2006). A test for determining physical working capacity at the rating of perceived exertion threshold. Poster session at American College of Sport Medicine Annual Meeting, Denver, CO.
240. Beck, T. W., Housh, T. J., Johnson, G. O., Schmidt, R. J., Housh, D. J., **Coburn, J. W.**, & Malek, M. H. (2005). Effects of a protease enzyme supplement on muscular strength and selected markers of delayed-onset muscle soreness following high-intensity eccentric exercise. Poster sessions at Southwest American College of Sports Medicine Meeting, Las Vegas, NV.
241. Beck, T. W., Housh, T. J., Schmidt, R. J., Johnson, G. O., **Coburn, J. W.**, & Malek, M. H. (2005). The acute effects of a caffeine supplement on bench press performance. Oral presentation at National Strength and Conditioning Association Annual Conference, Las Vegas, NV.
242. Beck, T. W., Housh, T. J., Weir, J. P., Cramer, J. T., **Coburn, J. W.**, Malek, M. H., & Johnson, G. O. (2005). Comparison of Fourier and wavelet transform procedures for examining the mechanomyographic frequency versus isokinetic torque relationship of the biceps brachii. *Medicine & Science in Sports & Exercise*, 37(5), S424-S425.

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247. Malek, M. H., Housh, T. J., **Coburn, J. W.**, Schmidt, R. J., Weir, J. P., Beck, T. W., & Johnson, G. O. (2005). Effects of interelectrode distance on electromyographic amplitude and mean power frequency during incremental cycle ergometry. *Medicine & Science in Sports & Exercise*, 37(5), S442.
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249. Beck T. W., Housh, T. J., Cramer, J. T., **Coburn, J. W.**, Malek, M. H. & Johnson, G. O. (2004). Time and frequency domain analyses of the surface mechanomyogram during submaximal to maximal isokinetic muscle actions of the biceps brachii. *Medicine & Science in Sports & Exercise* 36(5), S344.
250. Beck T. W., Housh, T. J., Johnson, G. O., Weir, J. P., Cramer, J. T., **Coburn, J. W.**, & Malek, M. H. (2004). Mechanomyographic amplitude and mean power frequency versus torque relationships during submaximal to maximal isokinetic and isometric muscle actions of the biceps brachii. Oral presentation at International Society of Electrophysiology and Kinesiology Conference, Boston, MA.
251. Beck T. W., Housh, T. J., Johnson, G. O., Weir, J. P., Cramer, J. T., **Coburn, J. W.**, & Malek, M. H. (2004). Mechanomyographic and electromyographic responses during fatiguing isokinetic muscle actions of the biceps brachii. Paper session at National Strength and Conditioning Association Annual Conference, Minneapolis, MN.
252. **Coburn J. W.**, D. J. Housh, T. J. Housh, M. H. Malek, T. W. Beck, J. T. Cramer, & G. O. Johnson. (2004). Effects of leucine and whey protein supplementation during 8 weeks of dynamic constant external resistance training on strength and thigh muscle cross-sectional area: A preliminary analysis. Poster session at National Strength and Conditioning Association Annual Conference, Minneapolis, MN.

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254. **Coburn, J. W.**, Housh, T. J., Miller, J.M., Cramer, J. T., Beck, T. W., Malek, M. H., & Johnson, G. O. (2004). Relationships for MMG frequency vs. torque during isometric and isokinetic muscle actions. *Medicine & Science in Sports & Exercise* 36(5), S341.
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257. Malek, M. H., Berger, D. E., Housh, T. J., **Coburn, J. W.**, Beck, T. W., & Johnson, G. O. (2004). Validity of VO₂ max equations for aerobically trained males. Poster session at National Strength and Conditioning Association Annual Conference in Minneapolis, Minnesota.
258. Malek, M. H., Berger, D. E., Housh, T. J., **Coburn, J. W.**, Beck, T. W., & Johnson, G. O. (2004). Validity of VO₂ max equations for aerobically trained females. *Medicine & Science in Sports & Exercise* 36(5), S117.
259. Malek, M. H., **Coburn, J. W.**, Housh, T. J., Weir, J. P., Beck, T. W., & Johnson, G. O. (2004). A comparison of the mechanomyographic amplitude vs. isometric torque relationships from a piezoelectric crystal contact sensor and an accelerometer. Poster session at International Society of Electrophysiology and Kinesiology Conference in Boston, Massachusetts.
260. Weir J. P., **Coburn, J. W.**, Housh, T. J., Beck, T. W., Malek, M. H., Johnson, G. O. & Cramer, J. T. (2004). Wavelet and Fourier based estimates of MMG and EMG responses to isokinetic muscle actions yield similar results. Poster session at International Society of Electrophysiology and Kinesiology Conference in Boston, Massachusetts.
261. Beck, T. W., Cramer, J. T., Housh, T. J., Johnson, G. O., **Coburn, J. W.**, & J.M. Miller. (2003). The acute effects of static stretching on maximal, eccentric isokinetic peak torque in males. (Poster Presentation at the NSCA Annual National Conference, Indianapolis.)
262. Beck, T. W., Miller, J.M., Housh, T. J., **Coburn, J. W.**, Cramer, J. T., & G. O. Johnson. (2003). Relative contributions of body composition and peak torque to arm-cranking anaerobic capabilities in high school wrestlers. *Medicine & Science in Sports & Exercise*, 35(5), S276.
263. **Coburn, J. W.**, Housh, T. J., Miller, J.M., Cramer, J. T., & G. O. Johnson. (2003). Relationships for MMG amplitude vs. torque during isometric and isokinetic muscle actions. *Medicine & Science in Sports & Exercise*, 35(5), S382.
264. Cramer, J. T., Housh, T. J., Johnson, G. O., Miller, J.M., & **Coburn, J. W.** (2003). The acute effects of static stretching on peak torque and EMG of the

- stretched and unstretched (contralateral) vastus lateralis muscles. *Medicine & Science in Sports & Exercise*, 35(5), S382.
265. Cramer, J. T., Housh, T. J., Stout, J.R., Johnson, G. O., Miller, J.M., **Coburn, J. W.**, & T. W. Beck. (2003). The effects of eight weeks of aerobic training combined with a carbohydrate, ribose, and protein-containing repletion drink on aerobic capacity, endurance, and body composition. Poster session at the NSCA Annual National Conference, Indianapolis, IN.
 266. Miller, J.M., Housh, T. J., **Coburn, J. W.**, Cramer, J. T., & G. O. Johnson. (2003). An examination of the physical working capacity at the oxygen consumption threshold test (PWCVO₂). (Poster Presentation at the NSCA Annual National Conference, Indianapolis.)
 267. Miller, J.M., Housh, T. J., **Coburn, J. W.**, Cramer, J. T., & G. O. Johnson. (2003). A proposed test for determining physical working capacity at the oxygen consumption threshold. *Medicine & Science in Sports & Exercise*, 35(5), S275.
 268. **Coburn, J. W.**, Cramer, J. T., Housh, T. J., Johnson, G. O., Miller, J.M., Berning, J.M., Perry, S.R., & Bull, A.J. (2002). Peak torque and electromyographic amplitude of the vastus lateralis during maximal, voluntary isokinetic muscle actions in females. *Medicine & Science in Sports & Exercise*, 34(5), S176.
 269. Miller, J.M., Cramer, J. T., Housh, T. J., Johnson, G. O., **Coburn, J. W.**, Berning, J.M., Perry, S.R., & Bull, A.J. (2002). Velocity-related patterns for mean power output, mechanomyography, and electromyography during concentric and eccentric isokinetic muscle actions. *Medicine & Science in Sports & Exercise*, 34(5), S175.
 270. Miller, J.M., Housh, T. J., **Coburn, J. W.**, Cramer, J. T., & G. O. Johnson. (2002). Comparisons of fatigue thresholds during cycle ergometry. *Journal of Strength and Conditioning Research*, (Oral/slide Presentation at the NSCA Annual National Conference, Las Vegas.)
 271. Beam, W., Hampton, J., Kersey, R., & **Coburn, J.** (2001). Carbohydrate, fat, and total energy expenditure during exercise at specific heart rates based on gender, body weight and aerobic fitness. *Medicine & Science in Sports & Exercise* 33(5), S136.
 272. Beam, W., Skvarna, N., Bailey, C. & **Coburn, J.** (1999). Heart rate analysis of men's collegiate soccer with comparisons by position, by game, and by half. *Medicine & Science in Sports & Exercise*, 31(5), S212.
 273. Skvarna, N.P., Beam, W.C., Bailey, C.I., & **Coburn, J. W.** (1999). Heart rate and time-motion analysis of U. S. men's collegiate soccer. *Medicine & Science in Sports & Exercise*, 31(5), S212.

COMMITTEES AND PROFESSIONAL SERVICE

Kinesiology Department Graduate Committee, Member, 2016-2017

Department Personnel Committee, Kinesiology Department, California State University, Fullerton; Chair of committee 2010-2011, 2017-2018; Member 2012-2013, 2015-2016

Exercise Physiology Position Search Committee, Kinesiology Department, California State University, Fullerton, 2013-2014 (Chair), 2005-2006

Member, Board of Directors for Center for Sport Performance, California State University, Fullerton; 2011-present

National Strength and Conditioning Association, Nominations Committee, 2009-2011 (including serving as chair)

National Strength and Conditioning Association, Conference Committee, 2007-2009

Strength & Conditioning Position Search Committee, Kinesiology Department, California State University, Fullerton, 2008-2009, 2010-2011

Kinesiology Department Graduate Adviser and Graduate Committee Chair, 2007-2014

Kinesiology Department Graduate Committee, California State University, Fullerton, 2007 to 2015, 2016-2017

Chair's Advisory Group, Department of Kinesiology, California State University, Fullerton, 2015-2016, 2016-2017, 2017-2018

HHD Faculty Awards Review Committee, California State University, Fullerton, 2009

Health & Human Development Technology Committee representative, California State University, Fullerton, 2006-2007

Kinesiology Department Research Committee, California State University, Fullerton, 2006-07

REVIEWER

Textbooks

- Mood, D. P., & Morrow, J. R. (2014). *Introduction to statistics in human performance*. Scottsdale, AZ: Holcomb Hathaway Publishers.
- Kraemer, W. J., Fleck, S. J., & Deschenes, M. R. (2012). *Exercise physiology: Integrating theory and application*. Philadelphia, PA: Lippincott, Williams, & Wilkins.
- Ratamess, N. (2011). *ACSM's foundations of strength training and conditioning*. Philadelphia, PA: Lippincott, Williams, & Wilkins.
- American College of Sports Medicine (2012). *Exercise is medicine*. Philadelphia, PA: Lippincott, Williams, & Wilkins.
- Wilson, G. (Ed.) (2009). *Exploring exercise science*. Boston, MA: McGraw-Hill.
- Baumgartner, T. A., & Jackson+, A. S. (1999). *Measurement for evaluation in physical education and exercise science*. Boston, MA: WCB McGraw-Hill.

Organizations

- NSCA Abstract Review Subcommittee, 2002, 2004
- NSCA Abstract Reviewer, 2006-2018
- NSCA Graduate Student Research Grant Review Panel member, 2005-2017

NSCA Doctoral Student Poster Presentation Judge, 2017

NSCA Student Oral Presentation Judge, 2005

NSCA Oral Presentation Moderator, 2006, 2007

NSCA Nominating Committee, 2009 to 2011

NSCA Conference Committee, 2007, 2008, 2009

Journals

Applied Physiology, Nutrition, and Metabolism, Manuscript Reviewer, 2017, 2018

Clinical Kinesiology Manuscript Reviewer, 2006, 2007

European Journal of Sport Science, Manuscript Reviewer, 2018

Human Movement Science Manuscript Reviewer, 2009

International Archives of Medicine Manuscript Reviewer, 2013

International Journal of Exercise Science Manuscript Reviewer, 2014

International Journal of Sports Physiology and Performance Manuscript Reviewer, 2007, 2012

International Journal of Sports Medicine Manuscript Reviewer, 2008, 2009, 2011, 2012, 2015

Journal of Aging and Physical Activity Manuscript Reviewer, 2005

Journal of Applied Biomechanics Manuscript Reviewer, 2011, 2012

Journal of Applied Physiology Manuscript Reviewer, 2018

Journal of Athletic Training Manuscript Reviewer, 2007, 2008, 2009, 2010, 2011

Journal of the International Society of Sports Nutrition Manuscript Reviewer, 2011

Journal of Neural Engineering Manuscript Reviewer, 2010

Journal of Neuroscience Methods Manuscript Reviewer, 2006, 2007, 2008

Journal of Sports Science and Medicine Manuscript Reviewer, 2005, 2007, 2008

Journal of Sports Sciences Manuscript Reviewer, 2010, 2012

Journal of Strength & Conditioning Research Associate Editor, 2006 to 2014

Journal of Strength & Conditioning Research Senior Associate Editor, 2014 to present

Journal of Strength & Conditioning Research Manuscript Reviewer, 2006, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018

Medicine & Science in Sports & Exercise Manuscript Reviewer, 2006, 2007, 2010

Muscle & Nerve Manuscript Reviewer, 2006, 2007, 2009, 2011, 2012, 2013, 2014

Nutrition Research Manuscript Reviewer, 2007

Perceptual and Motor Skills Manuscript Reviewer, 2013, 2014, 2015
Research Quarterly for Exercise and Sport Manuscript Reviewer, 2014, 2017
Physiological Measurement Manuscript Reviewer, 2009, 2011, 2012, 2013, 2014, 2017
Scandinavian Journal of Medicine & Science in Sports Manuscript Reviewer, 2011
Sports Manuscript Reviewer, 2015
Strength & Conditioning Journal Manuscript Reviewer, 2004, 2005, 2010, 2012, 2014, 2015, 2016

GRANT FUNDING

Co-investigator – Far West Athletic Trainers’ Association Research Grant Award (2012), \$3,000 requested, \$3,000 awarded.

Superficial temperature influence on soleus H-reflex.

Co-investigator – Numico Research, Boca Raton, FL, 2003, \$77,000 requested, \$77,000 awarded.

Effect of leucine and whey protein supplementation during 8 weeks of dynamic constant external resistance training on leg extensor strength and muscle cross-sectional area.

Principle Investigator – National Strength and Conditioning Association Graduate Research Award, Colorado Springs, CO (2002), \$1,600 requested, \$1,600 awarded.

Relationships between mechanomyography, electromyography, and torque production during submaximal isometric and isokinetic exercise.

AWARDS

- Editorial Excellence Award, National Strength & Conditioning Association, *Journal of Strength & Conditioning Research*, 2016
- California State University, Fullerton, Outstanding Scholarship and Creative Activity recognition, 2016
- Educator of the Year Award, National Strength & Conditioning Association, 2013
- California State University, Fullerton, College of Health and Human Development Teacher Scholar Award, 2011
- California State University, Fullerton, Outstanding Scholarship and Creative Activity recognition, 2010
- Fellow Status, American College of Sports Medicine (FACSM), Awarded, 2009
- Terry J. Housh Young Investigator Award, National Strength & Conditioning Association, 2009

- Fellow Status, National Strength & Conditioning Association (FNCSA), Awarded 2008
- California State University, Fullerton, College of Health & Human Development Faculty Scholar of the Year, 2008
- California State University, Fullerton, Outstanding Faculty Recognition for Teacher Scholars (Exceptional Teaching Effectiveness), 2008
- California State University, Fullerton, Outstanding Scholarship and Creative Activity recognition, 2007
- NSCA Challenge Scholarship, 2003
- NSCA Graduate Research Grant award, 2002
- California State University, Fullerton, Department of Health, Physical Education, and Recreation co-graduate student of the year award, 1990

CERTIFICATIONS

- Certified Strength and Conditioning Specialist with Distinction (CSCS,*D) with National Strength and Conditioning Association (NSCA), 2006 – *present*
- Certified Strength and Conditioning Specialist (CSCS) with National Strength and Conditioning Association (NSCA), 1987 – 2005
- United States of America Weightlifting (USAW) Level 1 Coach, certified in 1989

MEMBERSHIPS

- American College of Sports Medicine
- Southwest Chapter of the American College of Sports Medicine
- National Strength and Conditioning Association

REFERENCES

Terry J. Housh

Professor of Nutrition and Health
Sciences
University of Nebraska-Lincoln
104G Ruth Leverton Hall
Lincoln, NE 68583-0806
(402) 472-1160 – Phone
(402) 472-1587 – Fax
thoush1@unl.edu

Moh H. Malek

Associate Professor
Director: Integrative Physiology of
Exercise Laboratory
Wayne State University
Eugene Applebaum College of Pharmacy
& Health Sciences
259 Mack Avenue, Room 2248
Detroit, MI 48201
(313) 577-0435 – Phone
(313) 577-8685 – Fax
en7488@wayne.edu

Glen O. Johnson

Professor of Nutrition and Health
Sciences
University of Nebraska-Lincoln
104I Ruth Leverton Hall
Lincoln, NE 68583-0806
(402) 472-1723 – Phone
(402) 472-1587 – Fax
goj@unlserve.unl.edu