CURRICULUM VITAE

NAME: Chad Michael Kerksick

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EDUCATION

Ph.D.	August 2006	Exercise, Nutrition and Preventive Health, Baylor University, Waco, TX
M.S.	May 2002	Exercise and Sport Science, University of Memphis, Memphis, TN
B.S.	May 1999	Health & Exercise Science, Truman State University, Kirksville, MO

PROFESSIONAL ACADEMIC EXPERIENCE

Current Primary Academic Roles

Assistant Dean, Research & Innovation, College of Science, Technology, and Health, Lindenwood University, St. Charles, MO, July 2021 – Present.

Associate Professor, Exercise Science, Lindenwood University, St. Charles, MO, August 2018 – Present.

Director, Exercise and Performance Nutrition Laboratory, Lindenwood University, St. Charles, MO, January 2015 – Present.

Current Secondary Academic Roles

Adjunct Research Fellow, Rocky Mountain University for the Health Professions, September 2021 – Present.

Adjunct Instructor, Rocky Mountain University for the Health Professions, Human Performance, PhD program, June 2020 – Present.

Research Affiliate & Collaborator, Mayo Clinic Health System, Onalaska, WI, March 2019 – Present.

Past Academic Roles

Assistant Professor, Exercise Science, Lindenwood University, St. Charles, MO, December 2014 – August 2018.

Assistant Professor, Health, Exercise and Sport Sciences Department, University of New Mexico, Albuquerque, New Mexico. August 2012 – December 2014.

Assistant Professor, Health and Exercise Science Department, University of Oklahoma, Norman, OK August 2006 – June 2012.

PROFESSIONAL CERTIFICATIONS, FELLOWSHIPS AND TRAINING

- Good Clinical Practice, National Drug Abuse Treatment Clinical Trials Network, 2020
- Fellow, National Strength and Conditioning Association, 2019.
- CITI GCP for Clinical Trials with Investigational Drugs and Biologics (ICH Focus), 2018.
- CITI, Biomedical Research, 2019.

11. Costa P. (2008 – 2011). The Effects of Short-Term Resistance Training and Subsequent Detraining on Neuromuscular Performance. University of Oklahoma. Committee Members:

National Institute on Disability and Rehabilitation Research.

11. Roles of micro RNAs in type 2 diabetes. PI: Dharambir Sanghera, PhD, Role: Co-Investigator. Funding Source. **National Institute of Diabetes and Digestive and Kidney Diseases**.
12. The balance of skeletal muscle: age and exercise effects. PI: Chad Kerksick, PhD. Funding Source: **Oklahoma Center for Advancement in Science & Technology New Scientist Program.**
13. Comparing Cortisol and Markers of Protein Synthesis and Degradation from Flywheel Ergometry Workouts. PI: John Caruso, PhD, Role: Co-Principal Investigator. Funding Source: **National Aeronautics Space Administration.**
14. The balance of skeletal muscle: age and exercise effects. PI: Chad Kerksick, PhD. Funding Source: **Oklahoma Center for Advancement in Science & Technology Health Research Progra**

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Performance: The Training Table. (2012). Taylor and Francis Group, Boca Raton, FL, pp. 175 – 194. ISBN: 978-1-4398-3936-2.

9. Mulvihill JJ, Wierenga K, **Kerksick CM**. The Human Genome and Epigenome. In: Bouchard C and Hoffman E. Genetic and Molecular Aspects of Sports Performance. (2011). Wiley-Blackwell Publishing, Oxford, UK, pp. 3 – 10.

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Health Parameters, and Selected Hormones in an Elite Female CrossFit Competitor Leading Up To and in Response to the 2022 CrossFit Games. *Physiological Reports*. Submitted: January 14, 2023.

In Press:

In Print (from most recent to oldest):

1. Jagim A, Harty P, **Kerksick CM**, Tinsley G, Camic C. International Society of Sports Nutrition Position Stand: Energy Drinks and Energy Shots. *J Int Soc Sports Nutr.* 2023 Dec;20(10):2171314. PMID: 36862943.
2. Ratliff KM, **Kerksick CM,** Moon JM, Hagele AM, Boring JL, Walden K, Gaige CJ, Stecker RA, Sunderland KL, Mumford PW. Metabolic Impact of Protein Feeding Prior to a 60-Minute Bout of Moderate-Intensity Exercise in Females in a Fasted State. *Frontiers in Sports and Active Living (Special Issue: Pre-Workout Nutrition)* 2023 Jan 16;4. PMID: 36726396.
3. Walden KE, Hagele AM, Orr LS, Gross KN, Krieger JM, Jager R, **Kerksick CM.** *Bacillus coagulans* GBI-30, 6086 improves amino acid absorption from plant protein concentrate in older women. *Probiotics and Antimicrobial Proteins*. DOI: 10.1007/s12602-022-10028-4.
4. Dinan N, Hagele AM, Jagim A, Miller M, **Kerksick CM**. Effects of creatine monohydrate timing on

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15. Moon JM, Finnegan P, Stecker RA, Lee H, Ratliff KR, Jäger R, Purpura M, Marco M, Wissent CJ, Theodosakis J, **Kerksick CM**. Impact of Glucosamine Supplementation on Gut Health. *Nutrients*. 2021 Jun 24:13(7):2180. PMID: 34202877.
16. Jagim A, Fields J, Magee M, **Kerksick C**, Luedke J, Erickson J, Jones M. The influence of sport nutrition knowledge on body composition and perceptions of dietary requirements in collegiate athletes. *Nutrients*. 2021 Jun 29;13(7):2239. PMID: 34209814.
17. Wax B, **Kerksick CM**, Jagim AR, Mayo JJ, Lyons B, Tucker R, Kreider RB. Creatine in Exercise, Performance, and Recovery. Nutrients. _____.
18. **Kerksick CM**, Jagim, A, Hagele A, Jr R. What Role Can Plant Proteins Have in Promoting Adaptations to Exercise? [illegible]

64. Bova C, Fox E, Alencar M, **Kerksick CM†.** Nutritional challenges and strategies for the bariatric patient and how fitness professionals can provide support. *Strength Cond J.* 38(5): 31-39, 2016.
65. Ziegenfuss TN, Habowski SM, Sandrock JE, Kedi AW, **Kerksick CM,** Lopez HL. A two-part approach to examine the effects of Theacrine (TeaCrine®) supplementation on oxygen consumption, hemodynamic responses and subjective measures of cognitive and psychometric parameters. *J Dietary Suppl*, 2016 May 10:1-15. PMID: 27164220.
66. Ziegenfuss TN, Lopez HL, Sandrock JE, Kedia AW, Habowski S, **Kerksick CM**. Effect of a multi-nutrient over-the-counter supplement on changes in metabolic rate and markers of lipolysis. *J Dietary Suppl* 2016 May 4;14(3): 288-302. PMID: 27611657.
67. **Kerksick CM,** Roberts MD, Dalbo VJ, Sunderland, KL. Intramuscular phosphagen status and the relationship to functional outcomes across the age spectrum. *Eur J Appl Physiol.* 2016 Jan;116(1):115-27. PMID: 26307531.
68. McClain T, Escobar K, **Kerksick CM†**. Protein Applications in Sports Nutrition-Part I: Requirements, Quality, Source and Optimal Dose. *Strength Cond J*. 2015 Apr;37(2):61-71. Web Link.
69. Escobar KA, McClain TA, **Kerksick CM†**. Protein Applications in Sports Nutrition-Part II: Timing and Protein Patterns, Fat-Free Mass Accretion and Fat Loss. *Strength Cond J.* 2015 Jun;37(3):22-34. Full Text.
70. Fransen JC, Zuhl M, **Kerksick CM,** Cole N, Altobelli S, Kuethe D, Schneider S. Impact of creatine on muscle performance and phosphagen stores after immobilization. *Eur J Appl Physiol*. 2015 Sep;115(9):1877-86. PMID: 25893562.
71. Alencar MK, Beam JR, McCormick JJ, White AC, Salgado RM, Kravitz LR, Mermier CM, Gibson AL, Conn CC, Kolkmeyer D, Ferraro RT, **Kerksick CM†**. Meal frequency changes and impact on body composition and markers of health status. *Nutr Res*. 2015 May;35(5):375-83. PMID: 25862614.
72. Mike JN, **Kerksick CM,** Kravitz L. How to incorporate eccentric training into a resistance training program. *Strength Cond J*, 2015 Feb;37(1):5-17. Web Link.
73. Ziegenfuss TN, Habowski SM, Lemieux R, Sandrock JE, Kedia W, **Kerksick CM**, Lopez HL. Effects of a dietary supplement on golf drive distance and functional indices of golf performance. *J Int Soc Sports Nutr*. 2015 Jan 21;12(1):4. PMID: 25632274.
74. Beam JR, Gibson AL, **Kerksick CM**, Conn CA, White AC, Mermier CM. Effect of post-exercise caffeine and green coffee bean extract consumption on blood glucose and insulin concentrations. *Nutrition.* 2015 Feb;31(2):292-7. PMID: 25592006.
75. **Kerksick CM**, Tsatsakis AM, Hayes AW, Kafantaris I, Kouretas D. How can bioinformatics and toxicogenomics assist the next generation of research on physical exercise and athletic performance? *J Strength Cond Res.* 2015 Jan;29(1):270-8. PMID: 25353080.
76. **Kerksick CM**, Mayhew JL, Grimstvedt M, Greenwood M, Kreider RB. Factors which contribute to and account for strength and work capacity in a large cohort of recreationally trained, adult healthy men with high and low strength levels. *J Strength Cond Res.* 2014 May;28(5):1246-1254. PMID: 24476779.
77. Zykovich A, Hubbard A, Flynn J, Tarnopolsky M, Fraga M, **Kerksick C**, Ogborn D, MacNeil L, Mooney S, Melov S. Genome-wide DNA methylation changes with age in disease free human skeletal muscle. *Aging Cell.* 2013 Nov 7. PMID: 24304487.
78. Kulovitz MG, Kravitz LR, Mermier C, Gibson AL, Conn CA, Kolkmeyer D, **Kerksick CM†**. Potential role of meal frequency as a strategy for weight loss and health in overweight or obese adults. *Nutrition*. 2013 Nov 19. PMID: 24268866.
79. **Kerksick CM**, Willoughby DS, Kouretas D, Tsatsakis A. Intramuscular responses with muscle damaging exercise and the interplay between multiple intracellular network: A human perspective. *Food and Chemical Toxicology Special Issue: Adaptations in oxidative stress: Mechanisms involved*. 2013 Nov;61:136-43. PMID: 23624378.
80. **Kerksick CM**, Roberts MD, Dalbo VJ, Kreider RB, Willoughby DS. Changes in skeletal muscle proteolytic gene expression after prophylactic supplementation of EGCG, n-acetyl-cysteine (NAC) and eccentric damage. *Food and Chemical Toxicology Special Issue: Adaptations in oxidative*

stress: Mechanisms involved. 2013 Nov;61:47-52. PMID: 23376779.
81. Sunderland KL, Roberts MD, Dalbo VJ, **Kerksick CM†.** Aging and sequential resistance exercise bout effects on housekeeping gene mRNA expression in human skeletal muscle. *J Strength Cond Res*. 2013 Jan;27(1):1-7. PMID: 23085978.
82. Roberts MD, Walter A, Dalbo V, Sunderland K, **Kerksick, CM†**. Electrophoretic separation of myosin heavy chain isoforms using a modified mini gel system. *J Strength Cond Res.* 2012 Dec;26(12):3461-3468. PMID: 22955630.
83. Dalbo VJ, Roberts MD, Hassell S, **Kerksick CM†.** Effects of pre-exercise feeding on serum hormone concentrations and biomarkers of myostatin and ubiquitin proteasome pathway activity. *Eur J Nutr.* 2013
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97. **Kerksick CM**, Wismann J, Fogt D, Thomas A, Taylor L, Campbell B, Wilborn C, Harvey T, Roberts M, La Bounty P, Galbreath M, Marcello B, Rasmussen C, Kreider R. Changes in weight loss, body composition and cardiovascular disease risk after altering macronutrient distributions during a regular exercise program in obese women. *Nutr J.* 2010 Nov 22;9(1):59. PMID: 21092228.
98. Dalbo VJ, Roberts MD, Hassell SE, Moon JR, **Kerksick CM†**. Effects of mineral antioxidant complex on clinical safety, body water, lactate response, and aerobic performance in response to exhaustive exercise. *Int J Sport Nutr Exerc Metab.* 2010 Oct;20(5):381-92. PMID: 20975106.
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100. Roberts M, Dalbo V, Hassell S, Brown R, **Kerksick CM†**. Effects of pre-exercise feeding on markers of satellite cell activation*. Med Sci Sports Exerc.* 2010 Oct;42(10):1861-1869. PMID: 20216467.
101. Roberts MD, Dalbo VJ, Sunderland K, Poole C, Hassell SE, Cramer J, Stout J, **Kerksick CM†**. IGF-1 splice variant and IGF-1peptide expression patterns in young and old human skeletal muscle prior to and following sequential exercise bouts. *Eur J Appl Physiol.* 2010 Jul 29. PMID: 20668872.
102. Fukuda DH, Smith AE, Kendall KL, Dwyer TR, Harris VM, **Kerksick CM**, Beck TW, Cramer JT,

bioimpedance spectroscopy: a deuterium oxide comparison. *Clin Nutr.* 2009 Oct;28(5):516-525. PMID: 19500888.

113. Roberts MD, Dalbo VJ, Hassell SE, **Kerksick CM†**. The expression of androgen-regulated genes prior to and following a resistance exercise bout between younger and older men. *J Strength Cond Res.* 2009 Jul;23(4): 1060-67. PMID: 19528872.
114. **Kerksick CM**, Wilborn C, Campbell B, Roberts M, Rasmussen C, Greenwood M, Kreider R. Early-phase adaptations to a split-body, linear periodization resistance training program in college-aged and middle-aged men. *J Strength Cond Res.* 2009 May;23(3): 962-71. PMID: 19387379.
115. **Kerksick CM**, Thomas A, Taylor L, Campbell B, Wilborn C, Marcello B, Roberts M, Pfau E, Grimstvedt M, Opusunju J, Magrans-Courtney T, Rasmussen C, Bowden R, Wilson R, Kreider R. Effects of a popular exercise and weight loss program on weight loss, body composition, energy expenditure and health in obese women. *Nutr Metab (Lond).* 2009 May 14;6:23. PMID: 19442301.
116. Roberts M, Dalbo V, Hassell S, Stout J, **Kerksick CM†**. Efficacy and safety of a popular thermogenic drink after 28 days of ingestion. *J Int Soc Sports Nutr.* 2008 Oct 24;5:19. PMID: 18950510.
117. **Kerksick CM**, Harvey T, Stout J, Campbell B, Wilborn C, Kreider R, Kalman D, Ziegenfuss T, Lopez H, Ivy J, Landis J, Antonio A. International Society of Sports Nutrition position stand: Nutrient timing. *J Int Soc Sports Nutr.* 2008 Oct 3;5:17. PMID: 18834505.
118. **Kerksick, CM**, Taylor L, Bouw, B, Harvey A, Willoughby D. Gender-related differences in muscle injury, oxidative stress, and apoptosis. *Med Sci Sports Exerc.* 2008 Oct;40(10):1772-80. PMID: 18799987.
119. Dalbo VJ, Roberts MD, Stout JR, **Kerksick C†**. Putting the myth of creatine supplementation leading to muscle cramps and dehydration to rest. *Brit J Sports Med.* 2008 Jul; 42(7): 567-73. PMID: 18184753.
120. Moon JR, Tobkin SE, Roberts MD, Dalbo VJ, **Kerksick CM**, Bemben MG, Stout JR. Total body water estimations in healthy men and women using bioimpedance spectroscopy: A deuterium oxide comparison. *Nutr Metab (Lond).* 2008 Mar 19; 5:7. PMID: 18353180.
121. Cooke, M, Iosia M, Buford T, Shelmadine B, Hudson G, **Kerksick C**, Rasmussen C, Greenwood M, Leutholtz B, Willoughby D and Kreider R. Effects of acute and 14-day coenzyme Q10 supplementation on exercise performance in both trained and untrained individuals. *J Int Soc Sports Nutr.*2008 Mar 4;5:8. PMID: 18318910.
122. Dalbo VJ, Roberts MD, Stout JR, **Kerksick CM†**

128. Campbell B, Roberts M, **Kerksick C**, Wilborn C, Marcello B, Taylor L, Greenwood M, Kreider R. Pharmokinetics, safety, and effects on exercise performance of L-arginine alpha-ketoglutarate in trained adult men. *Nutrition.* 2006 Sep;22(9):872-81. PMID: 16928472.
129. **Kerksick C**, Rasmussen C, Lancaster S, Magu B, Smith P, Melton C, Greenwood M, Almada A, Earnest C, Kreider R. Effects of protein and amino acid supplementation on resistance training adaptations. *J Strength Cond RedT(6es)-2 (i)2.62 (S)12.8 (t)-66(r)-5.9 (e2 (er)-4.6(ksi)8 (m)-5.0 Tdd[E)2 (ar)-ug;1*

23. Herda TJ, Walter AA, Costa PB, Ryan ED, Hoge KM, Roberts MD, Dalbo VJ, Sunderland KL, Poole CN, **Kerksick CM**, Cramer JT. Differences in the mechanomyographic amplitude versus force relationships between young and old during isometric ramped muscle actions. *J Strength Cond Res* 2010.
24. Culbertson J, Byrd M, Cooke M, **Kerksick C**, Campbell B, Wilborn C, Galbreath M, Li R, Ferreira M, Nassar E, Harvey T, Parker A, Courtney T, Dove J, Beavers K, Serra M, Jitomir J, Moreillon J, Simbo S, Chandran R, Hudson G, Cecelia C, Deike E, Iosia M, Rasmussen C, Greenwood M, Kreider R. Effects of the Curves® fitness & weight loss program on body composition & resting energy expenditure. *FASEB J.* 2009; 22: LB 459.
25. Moreillon J, Culbertson J, Byrd M, Galbreath M, Wilborn C, Taylor L, Campbell B, Nassar E, Dove J, Harvey T, **Kerksick C**, La Bounty P, Parker A, Ferreira M, Cooke M, Iosia M, Chandran R,

38. Roberts MD, Dalbo VJ, Hassell SE, **Kerksick CM**. Endocrinological and myogenic gene expression patterns in young versus old males 24 hours following resistance exercise. *J Strength Cond Res*

39(5): S56.

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54. **Kerksick C**, Mayhew J, Bird E, Roberts S, Landrum M. Strength improvements in low-strength men and women and low-strength men using free weights and machine weights. *J Strength Cond Res.* 2007; 21(4): e35.
55. **Kerksick C**. Effect of prophylactic supplementation of N-acetyl-cysteine and epigallocatechin gallate on markers of oxidative stressfi*Mhj S294 LB 0.3 0 Tdp (om)-573(on of)-43ance tldatkmentmaiiemaio*

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84. Nassar E, Long L, Bowden R, Lanning B, Zimmerman A, Beckham J, Magrans T, Thomas A, Wismann J, Galbreath M, Campbell B, Harvey T, **Kerksick C**, La Bounty P, Marcello B, Moulton C, Roberts M, Wilborn C, Ounpraseuth S, Casey P, Rasmussen C, Fogt D, Greenwood M, Wilson R, Kreider R (Sponsor: Willoughby D). Effects of the Curves® fitness & weight loss program. #V: Quality of life. *FASEB J.* 2005; 19(4): LB 257.
85. Long L, Lanning B, Bowden R, Nassar E, Zimmerman A, Campbell B, Harvey T, **Kerksick C**, La Bounty P, Marcello B, Moulton C, Roberts M, Wilborn C, Magrans T, Thomas A, Wismann J, Galbreath M, Beckham J, Ounpraseuth S, Casey P, Fogt D, Rasmussen C, Greenwood M, Wilson R, Kreider R (Sponsor: Willoughby D). Effects of the Curves® fitness & weight loss program. #VI: Body image. *FASEB J.* 2005; 19(4): LB 269.
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95. Willoughby D, Stout J, Wilborn C, Taylor L, **Kerksick C**. Effects of heavy resistance training and proprietary whey+casein+leucine protein supplementation on serum and skeletal muscle IGF-1 levels and IGF-1 and MGF mRNA expression. *J Intl Soc Sports Nutr.* 2005; 2(1): 18.
96. Willoughby D, **Kerksick C**, Bouw B, Harvey A. Effects of eccentric muscle contractions on estrogen receptor-Ŭ and myostatin mRNA expression in males and females. *J Intl Soc Sports Nutr.* 2005; 2(1): 19.
97. Campbell B, **Kerksick C**, Wilborn C, Marcello B, Lutz, R, La Bounty P, Harvey T, Taylor L, Galbreath M, Rasmussen C, Greenwood M, Kreider R. Assessment of a learning curve for the wingate anaerobic test. *J Strength Cond Res.* 2005; 19(4): e9.
98. Greenwood M, **Kerksick C**, Wilborn C, Harvey T, Baer J, Marcello B, Campbell B, Taylor L, Vacanti T, Rohle D, Mulligan C, Greenwood L, Byars A, Kreider R, Almada A. The effects of varying types of creatine on strength measures and body composition. *J Strength Cond Res.* 2005; 19(4): e17.
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101. Wilborn C, Campbell B, Thomas A, Slonaker R, Vacanti A, Marcello B, Baer J, **Kerksick C**, Rasmussen C, Ounpraseuth S, Casey P, Wilson R, Greenwood M, Earnest C, Kreider R. Effects of methoxyisoflavone, ecdysterone, and sulfo-polysaccaride (CSP3) supplementation during training on body composition and training adaptations. *FASEB J.* 2004; 18(4): LB439.
102. Rohle D, Mulligan C, Taylor L, Fogt D, Vacanti A, Wilborn C, **Kerksick C**, Rasmussen C, Ounpraseuth S, Casey P, Greenwood M, Earnest C, Kreider R. Effects of methoxyisoflavone, ecdysterone, and sulfo-polysaccharide (CSP3) supplementation during training on markers of anabolism & catabolism. *FASEB J*. 2004; 18(4): LB440.
103. Campbell B, Baer J, Thomas A, Slonaker R, Vacanti A, Marcello B, Wilborn C, **Kerksick C**, Rasmussen C, Ounpraseuth S, Casey P, Wilson R, Greenwood M, Earnest C, Kreider R. Effects of zinc magnesium-aspartate (ZMA) supplementation during training on body composition and training adaptations. *FASEB J.* 2004; 18(4): LB441.
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123. **Kerksick C**, Wilborn C, Grimstvedt M, Rasmussen C, Greenwood M, Almada A, Kreider R. Training adaptations while resistance training with and without nutritional supplementation. *J Strength Cond Res.* 2004; 18(4): e11.
124. **Kerksick C**, Grimstvedt M, Rasmussen C, Mayhew JL, Greenwood M, Kreider R, Almada A. Compatibility of predictii 2004;

Relationship of anthropometric dimensions to muscular strength in high-level bench press performers. *J Strength Cond Res*. 1999; 13(4): 427.

43. **Kerksick C.** Role of proteolytic enzymes at modulating soreness, inflammation and muscle damage following intense exercise. 4th International Society of Sports Nutrition Annual Meeting, Las Vegas, NV, Tuesday, June 12, 2007. (Sponsor: Transformation Enzymes, Inc.)
44. **Kerksick C.** Incorporating skeletal muscle research into clinical research. OUHSC General Clinical Research Center and Office of Research Administration Seminar Series, Oklahoma City, OK, December 11, 2006.

Oral Podium Abstract Presentations:

1. Allen L, **Kerksick CM,** Walden KE, Moon JE, Hagele AM, Gaige C, Krieger JM, Jäger R, Mumford P, Pane M, Amoruso A. Multi-Strain Probiotic Supplement Increases Mood, Anxiety, and Associated Biomarkers. IPA World + Probiota 2023, Wednesday, February 8th, 2023.
2. Kerksick C, Moon J, Hagele A, Walden K, Orr L, Gaige C, Ratliff K, Stecker R, Sunderland K, Mumford P. Force, Soreness, and Damage Marker Responses to Acute High Volume Resistance Exercise in High and Low Force Producers. Presented at National Strength and Conditioning Association Annual Meeting, New Orleans, LA, Saturday, July 9th, 2022.
3. Currier B, Harty P, Moon J, Ponder S, Stecker R, Zabriskie H, Jagim A, **Kerksick C**. Fat-Free Mass Index in a Diverse Sample of Male Collegiate Athletes. *Presented at* Central States Chapter of the American College of Sports Medicine Annual Meeting, Kansas City, MO, October 18-19, 2018.

On-Campus University Posters

Collegiate Female Gymnasts Over Multiple Competitive Seasons. American College of Sports Medicine Annual Meeting, San Francisco, CA, (Virtually presented due to COVID).

15. Ratliff KM, Blumkaitis JC, Boring JL, Hagele AM, Moon JM, Stecker RA, Mumford P, Sunderland KS, Richmond S, **Kerksick CM**. Body composition and energy balance changes in collegiate female swimmers. American College of Sports Medicine Annual Meeting, San Francisco, CA, (Virtually presented due to COVID).
16. Moon JM, Zabriskie H, Zanders BR, Harty PS, Currier B, Stecker R, Mumford PW, Jagim A, **Kerksick CM**. Comparison of energy expenditure observed between scheduled activities in femal collegiate baTw -18.935 -32wir en4s B2 (he)1010.5 (c.6 (.1(obs)-2 (o (i)2.s (R)13.5 (,) 18.935 -3ht)-6.6 ()-2

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available BIA devices compared to a four-compartment model. *American College of Sports Medicine*, Seattle, WA, May 28 2009.

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- Abstract Reviewer. National Strength and Conditioning Association, 2007 – Present.
- Grant Reviewer. National Strength and Conditioning Association, 2008 – 2017.
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