

CURRICULUM VITAE
STEVEN E. RIECHMAN

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EDUCATION

Post-Doctoral Fellowship (Molecular Genetics)	
<i>University of Pittsburgh, Pittsburgh, Pennsylvania</i>	2000-2002
Doctor of Philosophy (Exercise Physiology)	
<i>University of Pittsburgh, Pittsburgh, Pennsylvania</i>	1994-2000
Master of Public Health (Epidemiology)	
<i>University of Pittsburgh, Pittsburgh, Pennsylvania</i>	1997-2001
Bachelor of Arts (Chemistry)	
<i>Miami University, Oxford, Ohio</i>	1987-1991

PROFESSIONAL EXPERIENCE

Associate Director, Huffines Institute for Sports Medicine and Human Performance	2024-present
<i>Thermoregulation Performance Laboratory Director, Texas A&M University</i>	
Full Professor with tenure	2025-present
Associate Professor with tenure	2011-2025
Assistant Professor	2005-2011
<i>Department of Kinesiology and Sport Management, Texas A&M University</i>	
<i>Graduate Faculty of Nutrition, Texas A&M University</i>	2011-present
<i>Intercollegiate Faculty of Nutrition, Texas A&M University</i>	2006-2011
Chair, Graduate Program in Nutrition	
<i>Department of Nutrition and Food Sciences, Texas A&M University</i>	2018-2020
Chair, Kinesiology Division	
<i>Department of Health and Kinesiology, Texas A&M University</i>	2015-2018
Visiting Assistant Professor	
<i>Department of Human Genetics, University of Pittsburgh</i>	2003-2007
Assistant Professor	
<i>School of Exercise Leisure and Sport, Kent State University</i>	2002-2005
Teaching Fellow & Graduate Research Assistant	
<i>Health, Physical, Recreation Education Department</i>	
<i>Human Energy Research Laboratory, University of Pittsburgh</i>	1995-1999
Research Specialist	
<i>Dept of Pathology, Brain, Behavior & Immunity Center, U. of Pittsburgh</i>	1993-1994

BIBLIOGRAPHY

(Primary Advisees in Bold)

Pending Bibliography

Lambert B, Greene N, Fluckey J, Riechman s, Joubert D, Taraballi F, Crouse S. Exerkine Modulation and Recovery Enhancement Through Aquatic Treadmill Exercise: Implications for Inflammation, Adaptation, and Rehabilitation (Submission pending).

Doyle BP, CM Higgins, **FN Gage**, **A Burmeier**, **JD Tebbetts**, J Yentes, SE Riechman, JB Mann. Functional differences between standing and prone athletic shoulder (ASH) tests: implications for performance and injury monitoring. (Submitted 8/2025, *Journal of Sport and Health Science*).

Doyle BP, **ST Stanelle**, SE Riechman, JB Mann. AI-Driven Insights from the NFL Scouting Combine: Principal Component Analysis, K-Means Clustering, and Regression for Predicting Draft Position and Status. (Submitted 6/2025 *JSCR*).

Ryan PJ, BC Guerra, S Uranga, JM Cardin, SE Riechman, M Janini Gomes, JD Fluckey. ATG4B is Required for Anabolic Behavior and is Associated with Clinical Outcomes in Pancreatic Cancer. (Submitted 8/2025).

Goulart JB, **JC Correa**, **A Danhaus**, **M Fraley**, **L Aitken**, KM Beathard, SE Riechman. Nutrition, Vision, and Cognition in Sport: Dairy Intervention for Cognitive Performance and Fatigue in Esport Athletes. (Submission pending).

Straw CM, SE Riechman, C Burbrink, YJ Kim, RD Brown, **J Goulart**, **L Aitken**, S Siddiqui, C O'Reilly, S Uranga, K Beathard, **J Cardenas**, **M Cuevas**, **B Hinojas**, W Floyd, Y Badgujar. Temperature, Hydration and Performance Differences Between Artificial Turf and Natural Turf Grass during a Simulated Soccer Matches in a Hot Environment. (Submission pending).

Riviere A, SE Riechman. Use of Beef in a Dietary Intervention as an Effective Strategy for Improving Cognition in Young Adult Females. (Submitted 3/2025 *AJCN*).

Simmons EE, **NC Georgiades**, CG Goodenough, M Naruse, JD Fluckey, SF Crouse, SB Smith, SE Riechman. Muscle Anabolism is Not Improved by High Daily Protein or Post Exercise Timing in Fit Young Males Performing Simulated Elite Athlete Training. (Submission pending).

de Almeida-Neto PF, D Gama de Matos, LF da Silva, AB de Moraes Ferreira, B Guilherme de Araújo, SE Riechman, T Cabral. The Weight Game in Junior Rowing: Strength, Power, and Speed Performance Analysis (Submission pending).

Bird MA, JD Fluckey, BC Nindl, J Lake, SE Riechman. The effect of maximal isometric belt squats on post activation potentiation in strength competitive athletes. (Submission pending).

Beathard K, **J Goulart**, **A Riviere**, SE Riechman. Egg dietary intervention and Visual Cognitive performance. (In revision: *BMC-Nutrition Journal*, 12/2024).

- Kim H, KB Kiefer, NN Merchant, SE Schmidt-Combest, S Arbizu, MJ Castellon Chicas, **NC Georghiades**, SE Riechman, C Kay, ST Talcott, SU Mertens-Talcott. Daily mango (*Mangifera indica* L.) consumption supplemented with probiotics differentially modulates inflammation and cognitive function in lean and obese individuals: A placebo-controlled, double-blind, and randomized trial. (Submission pending).
- Mahmood T, SE Schmidt-Combest, **J Goulart**, MJ Castellón Chicas, S Smith, S Talcott, SE Riechman, SU Mertens-Talcott. Daily Mango Consumption Impact Cognitive Function in Adolescents: A Randomized, Double-Blinded, Controlled Study. (Submission pending).
- Alabi OE, CM Straw, C Segars, CM Burbrink, WF Floyd, SE Riechman, A Thomson, **J Correa**. Turfgrass species and management practices impact on soccer athletes' peak tibial accelerations and perceptions of surface conditions. (Submitted 8/2025, *PLOS One*).

Refereed Publications

57. Ryan PJ, BC Guerra, S Uranga, JM Cardin, SE Riechman, M Janini Gomes, JD Fluckey. ATG4B is Required for mTORC1-Mediated Anabolic Activity and is Associated with Clinical Outcomes in Non-Small Cell Lung Cancer. (*FEBS Open Bio* 8/2025).
56. Arbizu Berrocal SH, SU Mertens-Talcott, S Talcott, **A Riviere**, SE Riechman, GD Noratto. Assessing the role of dark sweet cherry (*Prunus avium*) consumption on cognitive function, neuropeptides, and circadian rhythm in obesity: results from a randomized controlled trial. *Nutrients*. 17(5), 784, 2025. <https://doi.org/10.3390/nu17050784>
55. Almeida-Neto P, D Gama de Matos, L Felipe da Silva, SE Riechman, AB de Moraes Ferreira, A Bulhões-Correia, JA de Medeiros, FJ Aidar, P Dantas, B Cabral. Use Of Artificial Neural Networks To Evaluate The Interaction Of Confounding Factors With Discriminating Factors During The Selection Of Young Athletes From Different Sports: A Pilot Study. *Interfaces Journal: Health, Humanities and Technology*, 12(3), 4486–4497, 2024. <https://doi.org/10.16891/2317-434X.v12.e3.a2024.pp4486-4497>
54. Deaver JW, PJ Ryan, CL O'Reilly, S Uranga, S Mata López, M Sheffield-Moore, PP Nghiem, SE Riechman, JD Fluckey. MCF7 breast cancer anabolic capacity reduced with CRISPR/Cas9-mediated stable overexpression of DEPTOR. *American Journal of Physiology-Cell Physiology* 328:C670-C678, 2025. <https://doi.org/10.1152/ajpcell.00682.2023>
53. Burbrink CM, CM Straw, WF Floyd, A Thomson, SE Riechman. Influence of force reduction within-field variability on peak tibial accelerations using wearable IMUs. *Sports Engineering* 26:44, 2023. <https://doi.org/10.1007/s12283-023-00435-3>
52. **Lee CW**, **TV Lee**, E Galvan, **VCW Chen**, **S Bui**, SF Crouse, JD Fluckey, SB Smith, SE Riechman. The Effect of Choline and Resistance Training on Strength and Lean Mass in Older Adults. *Nutrients*. 15(18): 3874, 2023. <https://doi.org/10.3390/nu15183874> .
51. **Beathard K**, **N Georghiades**, **JB Goulart**, **AJ Riviere**, **C Sullivan**, **M. Mascarro**, SE Riechman. The Impact of Nutrition on Visual Cognitive Performance in the Nutrition Vision and Cognition Sport Study. *Frontiers in Nutrition: Nutrition, Psychology and Brain Health*. June 23,2023. <https://doi.org/10.3389/fnut.2023.1208890>

50. **Goulart JB, LS Aitken, S Siddiqui, M Cuevas, J Cardenas, KM Beathard, SE Riechman.** Nutrition, Lifestyle, and Cognitive Performance in Esport Athletes. *Frontiers in Nutrition*. May 18, 2023. <https://doi.org/10.3389/fnut.2023.1120303>
49. **Chen VCW, CW Lee, S Bui, TV Lee, JD Fluckey, SE Riechman.** Peroxisome Proliferator-Activated Receptors Delta Content Is Increased and Associated with Altered Serum Lipid Profile with Resistance Exercise Training. *Science & Sports*, 38:8 818-826, 2023. <https://doi.org/10.1016/j.scispo.2022.07.012>
48. Davis AR, CG Goodenough, KC Westerlind, R Strange, JW Deaver, PJ Ryan, SE Riechman, JD Fluckey. Myokines Derived from Contracting Skeletal Muscle Suppress Anabolism in MCF7 Breast Cancer Cells by Inhibiting mTOR. *Frontiers in Physiology: Cell Physiology* 13:2022. <https://doi.org/10.3389/fphys.2022.1033585>
47. **Lee CW, TV Lee, CWC Chen, S Bui, SE Riechman.** Lower intake of choline is associated with diminished strength and lean mass gains in older adults. *The Journal of Frailty & Aging*, 12:78-83. 2022. <http://dx.doi.org/10.14283/jfa.2022.50>
46. Kim YJ, CM Straw, SE Riechman, RD Brown. Assessing differences in the thermal stress of soccer players on natural turfgrass and artificial turf. *European Turfgrass Society*. Jan. 2022.
45. Kim YJ, CM Straw, SE Riechman, RD Brown. Disparity in thermal stress of performing soccer players on natural and artificial turfgrass: Application of the COMFA energy budget model for estimating a physiological thermal stress. *Sports Field Management*. 38:4, 10-16, April 2022.
44. da Silva LF, PF de Almeida-Neto, D Gama de Matos, SE Riechman, B Guilherme de Araújo Tinoco Cabral. Performance Prediction Equation for 2000 M Youth Indoor Rowing using a 100 M Maximal Test. *Biology* 10 (11): 1082, 2021. <https://doi.org/10.3390/biology10111082>
43. Ryan PJ, JD Fluckey, SE Riechman, G Wu. Interorgan metabolism of amino acids in health and disease. *Advances in Experimental Medicine and Biology* 1332: 129-149, 2021. https://doi.org/10.1007/978-3-030-74180-8_8
42. Riechman SE, CW Lee. Oral contraceptive use impairs muscle gains in young women. *The Journal of Strength and Conditioning Research* 36(11): 3074-3080, 2021. <https://doi.org/10.1519/jsc.0000000000004059>
41. Stanelle ST, SF Crouse, TR Heimdal, SE Riechman, AL Remy, BS Lambert. Predicting muscular strength using demographics, skeletal dimensions, and body composition measures. *Sports Medicine and Health Science*. 3:1, 34-39, 2021. <https://doi.org/10.1016/j.smhs.2021.02.001>
40. Deaver JW, S Mata López, PJ Ryan, PP Nghiem, SE Riechman, JD Fluckey. Regulation of cellular anabolism: or how I learned to stop worrying and love translation. *Sports Medicine and Health Science*. 2(4): 195-201, 2020. <https://doi.org/10.1016/j.smhs.2020.11.003>
39. **Lee TV, CW Lee, VCW Chen, S Bui, JD Fluckey, SE Riechman.** The effects of hind limb unloading versus dietary cholesterol and resistance training on rat skeletal muscle responses. *Lipids in Health and Disease*. 18: 3, 2019. <https://doi.org/10.1186/s12944-018-0944-9>

38. Jo JS, J Chen, SE Riechman, M Roig, DL Wright. The protective effects of acute cardiovascular exercise on the interference of procedural memory. *Psychological Research*. 83: 1543-1555, 2019. <https://doi.org/10.1007/s00426-018-1005-8>
37. Joubert DP, JZ Granados, JM Oliver, BL Noack, PW Grandjean, CR Woodman, SE Riechman, SF Crouse. An acute bout of aquatic treadmill exercise induces greater improvements in endothelial function and post exercise hypotension than land treadmill exercise: A crossover study. *American Journal of Physical Medicine and Rehabilitation*. 97: 578-584, 2018. <https://doi.org/10.1097/PHM.0000000000000923>
36. Galvan E, DK Walker, SY Simbo, R Dalton, K Levers, A O'Connor, C Goodenough, ND Barringer, M Greenwood, C Rasmussen, SB Smith, SE Riechman, JD Fluckey, PS Murano, CP Earnest, RB Kreider. Acute and chronic safety and efficacy of dose dependent creatine nitrate supplementation and exercise performance. *Journal of the International Society of Sports Nutrition*. 13: 12, 2016. <https://doi.org/10.1186/s12970-016-0124-0>
35. Rhee J, J Chen, SE Riechman, A Handa, S Bhatia, DL Wright. An acute bout of aerobic exercise can protect immediate offline motor sequence gains. *Psychological Research*. 80: 518-531, 2016. <https://doi.org/10.1007/s00426-015-0682-9>
34. Levers K, R Dalton, E Galvan, A O'Connor, C Goodenough, SY Simbo, SU Mertens-Talcott, C Rasmussen, M Greenwood, SE Riechman, SF Crouse, RB Kreider. Effects of powdered Montmorency tart cherry supplementation on acute endurance exercise performance in aerobically trained individuals. *Journal of the International Society of Sports Nutrition*. 13: 22, 2016. <https://doi.org/10.1186/s12970-016-0133-z>
33. **Simmons EE**, JD Fluckey, SE Riechman. Cumulative Muscle Protein Synthesis and Protein Intake Requirements. *Annual Review of Nutrition*. 36 (1): 17-43, 2016. <https://doi.org/10.1146/annurev-nutr-071813-105549>
32. Levers K, R Dalton, E Galvan, C Goodenough, A O'Connor, SY Simbo, N Barringer, SU Mertens-Talcott, C Rasmussen, M Greenwood, SE Riechman, SF Crouse, RB Kreider. Effects of powdered Montmorency tart cherry supplementation on an acute bout of intense lower body strength exercise in resistance trained males. *Journal of the International Society of Sports Nutrition*. 12: 41, 2015. <https://doi.org/10.1186/s12970-015-0102-y>
31. Fluckey JD, BS Lambert, NP Greene, KL Shimkus, JM Cardin, SE Riechman, SF Crouse. Reply to letter to the editor: to D₂O or not to D₂O? What are the reasons we D₂O it at all? *American Journal of Physiology Endocrinology and Metabolism*. 308(10): E928-E931, 2015. <https://doi.org/10.1152/ajpendo.00136.2015>
30. Lambert BS, KL Shimkus, JD Fluckey, SE Riechman, NP Greene, JM Cardin, SF Crouse. Anabolic responses to acute and chronic resistance exercise are enhanced when combined with aquatic treadmill exercise. *American Journal of Physiology Endocrinology and Metabolism*. 308(3): E192-E200, 2015. <https://doi.org/10.1152/ajpendo.00689.2013>
29. Kresta JY, JM Oliver, AR Jagim, JD Fluckey, SE Riechman, K Kelly, C Meininger, SU Mertens-Talcott, C Rasmussen, RB Kreider. Effects of 28 days of beta-alanine and creatine supplementation on muscle carnosine, body composition and exercise performance in

recreationally active females. *Journal of the International Society of Sports Nutrition*. 11: 55, 2014. <https://doi.org/10.1186/s12970-014-0055-6>

28. Oliver JM, AR Jagim, I Pischel, R Jäger, M Purpura, A Sanchez, JD Fluckey, SE Riechman, M Greenwood, K Kelly, C Meininger, C Rasmussen, RB Kreider. Effects of short-term ingestion of Russian Tarragon prior to creatine monohydrate supplementation on whole body and muscle creatine retention and anaerobic sprint capacity: a preliminary investigation. *Journal of the International Society of Sports Nutrition*. 11: 6, 2014. <https://doi.org/10.1186/1550-2783-11-6>
27. Lambert BS, NP Greene, AT Carradine, DP Joubert, JD Fluckey, SE Riechman, SF Crouse. Aquatic treadmill training reduces blood pressure reactivity to physical stress. *Medicine and Science in Sports and Exercise*. 46(4): 809-816. 2014. <https://doi.org/10.1249/mss.0000000000000167>
26. Misra R, P Chandra, SE Riechman, DM Long, S Shinde, HJ Pownall, I Coraza, DE Lewis, RV Sekhar, A Balasubramanyam. Relationship of ethnicity and CD4 count with glucose metabolism among HIV patients on Highly-Active Antiretroviral Therapy (HAART). *BMC Endocrine Disorders*. 13(1): 13, 2013. <https://doi.org/10.1186/1472-6823-13-13>
25. Oliver JM, AR Jagim, AC Sanchez, MA Mardock, KA Kelly, HJ Meredith, GL Smith, M Greenwood, JL Parker, SE Riechman, JD Fluckey, SF Crouse, RB Kreider. Greater gains in strength and power with intraset rest intervals in hypertrophic training. *The Journal of Strength and Conditioning Research*. 27(11): 3116–3131, 2013. <http://doi.org/10.1519/JSC.0b013e3182891672>
24. Jagim AR, JM Oliver, A Sanchez, E Galvan, JD Fluckey, SE Riechman, M Greenwood, K Kelly, C Meininger, C Rasmussen, RB Kreider. A buffered form of creatine does not promote greater changes in muscle creatine content, body composition, or training adaptations than creatine monohydrate. *Journal of the International Society of Sports Nutrition*. 9(43), 2012. <https://doi.org/10.1186/1550-2783-9-43>
23. Greene NP, JD Fluckey, BS Lambert, ES Greene, SE Riechman, SF Crouse. Regulators of blood lipids and lipoproteins? PPAR and AMPK, induced by exercise, are correlated with lipids and lipoproteins in overweight/obese men and women. *American Journal of Physiology: Endocrinology and Metabolism*. 303(10): E1212-E1221, 2012. <https://doi.org/10.1152/ajpendo.00309.2012>
22. **Gasier HG**, JD Fluckey, SF Previs, MP Wiggs, SE Riechman. Acute resistance exercise augments integrative myofibrillar protein synthesis. *Metabolism*. 61(2): 153-156, 2012. <https://doi.org/10.1016/j.metabol.2011.07.001>
21. Gearhart RF, KM Lagally, SE Riechman, **RD Andrews**, RJ Robertson. Safety of using the adult OMNI resistance exercise scale to determine 1-RM in older men and women. *Perceptual and Motor Skills*. 113(2): 671-6, 2011. <https://doi.org/10.2466%2F10.15.PMS.113.5.671-676>
20. **Gasier HG**, SE Riechman, MP Wiggs, A Buentello, SF Previs, JD Fluckey. Cumulative responses of muscle protein synthesis are augmented with chronic resistance exercise training. *Acta Physiologica*. 201(3): 381-389, 2011. <https://doi.org/10.1111/j.1748-1716.2010.02183.x>

19. **Gasier HG**, SE Riechman, MP Wiggs, SF Previs, JD Fluckey. A comparison of $^2\text{H}_2\text{O}$ and phenylalanine flooding dose to investigate muscle protein synthesis with acute exercise in rats. *American Journal of Physiology: Endocrinology and Metabolism*. 297(1): E252-E259, 2009. <https://doi.org/10.1152/ajpendo.90872.2008>
18. Gearhart RF, KM Lagally, SE Riechman, **RD Andrews**, RJ Robertson. Strength tracking using the OMNI resistance exercise scale in older men and women. *The Journal of Strength and Conditioning Research*. 23(3): 1011-1015, 2009. <https://doi.org/10.1519/jsc.0b013e3181a2ec41>
17. Riechman SE, **CW Lee**, **G Chikani**, **VCW Chen**, **TV Lee**. Cholesterol and skeletal muscle health. *World Review of Nutrition and Dietetics*. 100: 71-79, 2009. <https://doi.org/10.1159/000235713>
16. Riechman SE, **RD Andrews**, DA MacLean, S Sheather. Saturated fat ingestion regulates androgen concentrations and may influence lean body mass accrual. *The Journals of Gerontology: Series A Medical Sciences*. 63(11): 1260-61, 2008. <https://doi.org/10.1093/gerona/63.11.1260-a>
15. Gearhart RF, KM Lagally, SE Riechman, **RD Andrews**, RJ Robertson. RPE at relative intensities following 12 weeks of resistance exercise training by older adults. *Perceptual and Motor Skills*. 106(3): 893-903, 2008. <https://doi.org/10.2466%2Fpms.106.3.893-903>
14. Riechman SE, **RD Andrews**, DA MacLean, S Sheather. Statins and dietary and blood cholesterol are associated with increased lean mass following resistance training. *The Journals of Gerontology: Series A Medical Sciences*. 62(10): 1164-1171, 2007. <https://doi.org/10.1093/gerona/62.10.1164>
13. **Andrews RD**, SE Riechman, DA MacLean. Protein intake for skeletal muscle hypertrophy with resistance training in seniors. *International Journal of Sports Nutrition and Exercise Metabolism*. 16(4): 362-372, 2006. <https://doi.org/10.1123/ijsnem.16.4.362>
12. Zoeller RF, SE Riechman, IM Dabayeb, FL Goss, RJ Robertson, PL Jacobs. Relation between muscular strength and cardiorespiratory fitness in persons with thoracic-level paraplegia. *Archives of Physical Medicine and Rehabilitation*. 86 (7):1441-1446, 2005. <https://doi.org/10.1016/j.apmr.2004.11.032>
11. Riechman SE, G Balasekaran, SM Roth, RE Ferrell. Association of Interleukin-15 protein and Interleukin-15 receptor genetic variation with resistance exercise training responses. *Journal of Applied Physiology*. 97(6): 2214–2219, 2004. <https://doi.org/10.1152/japplphysiol.00491.2004>
10. Riechman SE, TJ Fabian, PD Kroboth, RE Ferrell. Steroid sulfatase gene variation and DHEA responsiveness to resistance exercise in MERET. *Physiological Genomics*. 17(3): 300-306, 2004. <https://doi.org/10.1152/physiolgenomics.00097.2003>
9. Riechman SE, RE Schoen, JL Weissfield, LF Thaete, FL Thaete, AM Kriska. Association of physical activity and visceral adipose tissue in older women and men. *Obesity Research*. 10(10): 1065-1073, 2002. <https://doi.org/10.1038/oby.2002.144>
8. Roth SM, MA Schrager, EJ Metter, SE Riechman, JL Fleg, BF Hurley, RE Ferrell. IGF2 genotype and obesity in men and women across the adult age span. *International Journal of Obesity and Related Metabolic Disorders*. 26 (4):585-587, 2002. <https://doi.org/10.1038/sj.ijo.0801927>

7. Riechman SE, RF Zoeller, G Balasekaran, FL Goss, RJ Robertson. Prediction of 2000 M rowing performance using a 30 s sprint and maximal oxygen uptake. *Journal of Sports Sciences*. 20(9): 681-687, 2002. <https://doi.org/10.1080/026404102320219383>
6. Goss FL, RJ Robertson, SE Riechman, RF Zoeller, IM Dabayebbeh, N Moyna, NF Boer, JA Peoples, K Metz. Effect of potassium phosphate supplementation on perceptual and physiological responses to maximal graded exercise. *International Journal of Sport Nutrition and Exercise Metabolism*. 11(1): 53-62, 2001. <https://doi.org/10.1123/ijsnem.11.1.53>
5. Roth SM, MA Schrager, RE Ferrell, SE Riechman, EJ Metter, NA Lynch, RS Lindle, BF Hurley. CNTF genotype is associated with muscular strength and quality in humans across the adult age span. *Journal of Applied Physiology*. 90(4): 1205-1210, 2001. <https://doi.org/10.1152/jappl.2001.90.4.1205>
4. Robertson RJ, FL Goss, NF Boer, JA Peoples, AJ Foreman, IM Dabayebbeh, NB Millich, G Balasekaran, SE Riechman, JD Gallagher, T Thompkins. Children's OMNI scale of perceived exertion: mixed gender and race validation. *Medicine and Science in Sports and Exercise*. 32(2): 452-458, 2000. <https://doi.org/10.1097/00005768-200002000-00029>
3. Dorman JS, CH Bunker, SE Riechman, et. al. HLA-DQ locus of the human leukocyte antigen complex and Type I Diabetes Mellitus: a HuGe review (Review). *Epidemiologic Reviews*. 22: 218-227, 2000. <https://doi.org/10.1093/oxfordjournals.epirev.a018034>
2. Zhou D, N Shanks, SE Riechman, R Liang, AW Kusnecov, BS Rabin. IL-6 potentiates IL-1 and stressor induced HPA axis activation and restraint stress induced immune suppression. *Neuroendocrinology*. 63: 227-236, 1996. <https://doi.org/10.1159/000126962>
1. Shurin MR, AW Kusnecov, SE Riechman, BS Rabin. Effect of a conditioned aversive stimulus on the immune response in three strains of rats. *Psychoneuroendocrinology*. 20: 837-849, 1995. [https://doi.org/10.1016/0306-4530\(95\)00010-0](https://doi.org/10.1016/0306-4530(95)00010-0)

Book Chapters

- Riechman SE, TV Lee, VCW Chen, CW Lee, S Bui. Whole egg as an athlete's training and performance superfood in: *Handbook of Eggs in Human Function*. ISBN 9789086868049. Editors: Ronald Ross Watson and Fabien De Meester. 2015. https://doi.org/10.3920/978-90-8686-804-9_13
- Smith C., Y. Sechiguchi, SE Riechman. Thermoregulation in Tactical Athletes: Optimizing Performance in Hot and Cold Environments in: *Tactical Strength and Conditioning: Strategies for Performance Enhancement and Injury Prevention in High-Intensity Environments*. Cognella Publishing 2026.

Published Abstracts

129. Bean HD, TJ Davis, L Su, ST Stanelle, EE Simmons, U Iqbal, I Ivanov, SE Riechman, RK

- Mehta, R Jafari Breath. VOC biomarkers for detecting physical fatigue, mental fatigue, and sleep deprivation. IABR Breath Summit September 2025.
128. **Doyle BP, ST Stanelle, SE Riechman, JB Mann.** AI-Driven Insights from the NFL Scouting Combine: Principal Component Analysis, K-Means Clustering, and Regression for Predicting Draft Position and Status. *International Journal of Exercise Science: Conference Proceedings*: Vol. 2: Iss. 17, Article 106. <https://digitalcommons.wku.edu/ijesab/vol2/iss17/106>
 127. Borzooei N, **A Burmeier**, TJ Davis, **F Ford**, J Hayes, J Kang, **A Riviere**, **E Simmons**, **S Stanelle**, L Su, H Bean, I Ivanov, R Jafari, L Katehi-Tseregounis, RK Mehta, SE Riechman. Integrated Fatigue Analysis and Prediction using Breath Analysis and Wearable Sensors Referenced to Neurophysiological Fatigue Indices. *Military Health System Research Symposium*, 2024.
 126. Alabi O, C Straw, C Segars, C Burbrink, W Floyd, SE Riechman, A Thomson, **J Correa**. Turfgrass species and management practices impact soccer athletes' peak tibial accelerations and perceptions of surface conditions ISEA 2024 (*ISEA Engineering of Sport 15 Conference*).
 125. Mahmood T, S Schmidt-Combest, M Castellon Chicas, **JA Goulart**, SE Riechman, S Talcott, SU Mertens-Talcott. Daily Mango Consumption Impacts Cognitive Function in Adolescents: A Randomized, Double-Blinded, Placebo-Controlled Study. *FNCE* 2023.
 124. Lambert B, S Parker, C Hedt, P McCulloch, N Greene, D Joubert; S Martin, A Carbuhn, SE Riechman, J Fluckey, S Crouse. Novel Anti-inflammatory Benefits Of Aquatic Treadmill Use With Considerations For Rehabilitation. *Orthopaedic Research Society*. Feb. 2023.
 123. **Goulart J, L Aitken, S Siddiqui, J Cardenas, M Cuevas**, K Beathard, SE Riechman. Nutrition, Vision, and Cognition in Sport: E-Sport Gaming Athletes. *Current Developments in Nutrition*. 6(S1): 789, 2022. <https://doi.org/10.1093/cdn/nzac064.008>
 122. Kim H, KB Kiefer, MJ Castellon Chicas, **NC Georghiades**, SE Riechman, C Kay, ST Talcott SU Mertens-Talcott. Mango (*Mangifera indica* L.) polyphenols enhanced by supplemental probiotics improve biomarkers for inflammation and cognitive function of lean and obese individuals *Current Developments in Nutrition*. 6(S1): 299, 2022. <https://doi.org/10.1093/cdn/nzac053.040>
 121. Ryan PJ, SE Riechman, JD Fluckey. Exercise-Conditioned Perfusate Slows Growth in Cultured Pancreatic Cancer Cells. *Medicine and Science in Sports and Exercise*. 54(9S): 606, 2022. <http://dx.doi.org/10.1249/01.mss.0000882672.93791.57>
 120. Arbizu S, G Noratto, SU Mertens-Talcott, SE Riechman, **NC Georghiades**, **A Riviere**. Dark Sweet Cherry (DSC) Juice Consumption for Obesity-Related Inflammation and Cognitive Function in Obese Adults: A Human Clinical Pilot Trial. *Current Developments in Nutrition*. 5(S2): 890, 2021. https://doi.org/10.1093/cdn/nzab049_003
 119. Noratto G, S Arbizu, SU Mertens-Talcott, SE Riechman, **NC Georghiades**, **A Riviere**. Dark Sweet Cherry (DSC) Intake and Cognitive Function in Obese Adults: A Human Clinical Pilot Trial. *Journal of the Academy of Nutrition and Dietetics*. 121(9S), 2021. <http://dx.doi.org/10.1016/j.jand.2021.06.041>

118. **Georghiades NC, KM Beathard, CL Sullivan, SE Riechman.** The association of dietary iron on visual cognitive performance and training in the IONSport Study. *Current Developments in Nutrition*. 5(S2): 906, 2021. https://doi.org/10.1093/cdn/nzab049_019
117. **Reichert Blume G, NC Georghiades, SE Riechman.** Measures of good hydration are associated to lower cognitive performance. *Current Developments in Nutrition*. 5(S2): 918, 2021. https://doi.org/10.1093/cdn/nzab049_031
116. **Riviere A, NC Georghiades, KM Beathard, SE Riechman.** Associations of monounsaturated fats to visual cognitive performance training in older adults. *Current Developments in Nutrition*. 5(S2): 920, 2021. https://doi.org/10.1093/cdn/nzab049_033
115. **Beathard KM, NC Georghiades, R Walzem, SU Talcott, SB Smith, SE Riechman.** The impact of egg consumption on visual cognitive performance in the Nutrition, Vision, and Cognition in Health: Egg (IONHealth-Egg) Study. *Current Developments in Nutrition*. 5(S2): 3, 2021. https://doi.org/10.1093/cdn/nzab033_003
114. **Riechman SE, NC Georghiades, A Riviere, G Reichert Blume, SU Talcott, SB Smith, KM Beathard.** Randomized trial of the effect of daily beef or vegetable protein on visual cognitive performance training in young adult females. *Current Developments in Nutrition*. 5(S2): 919, 2021. https://doi.org/10.1093/cdn/nzab049_032
113. **Riechman SE, NC Georghiades, CL Sullivan, SU Talcott, SB Smith, K Beathard.** Association of beef and beef-related nutrients to visual cognitive performance training in young adult females. *Current Developments in Nutrition*. 4(S2): 1233, 2020. https://doi.org/10.1093/cdn/nzaa057_049
112. **Deaver JW, SM López, PP Nghiem, M Sheffield-Moore, SE Riechman, JD Fluckey.** MCF7 human breast cancer cells engineered to stably overexpress DEPTOR via CRISPR/Cas9 to reduce anabolic capacity. *The FASEB Journal*. 34(S1): 2020. <https://doi.org/10.1096/fasebj.2020.34.s1.06975>
111. **Lee CW, VCW Chen, S Bui, TV Lee, SE Riechman.** Short-term low choline intake may not negatively affect strength gains in older adults. *Medicine and Science in Sports and Exercise*. 51(6): 867, 2019. <https://dx.doi.org/10.1249/01.mss.0000563090.38292.6d>
110. **Goodenough CG, DA Therrien, BL Nguyen, JM Cardin, SE Riechman, KK Kochan, PK Riggs, JD Fluckey.** Muscular contractions facilitate systemic circulation of microRNA that impact cancer. *International Journal of Exercise Science*. 2(11): 70, 2019. <https://digitalcommons.wku.edu/ijesab/vol2/iss11/70>
109. **Goodenough CG, AR Davis, JW Deaver, SE Riechman, JD Fluckey.** mTOR is a mechanistic target of muscle and cancer cross-talk with exercise. *The FASEB Journal*. 33(S1): 704.7, 2019. https://doi.org/10.1096/fasebj.2019.33.1_supplement.704.7
108. **Chen VCW, CW Lee, JD Fluckey, SE Riechman.** Short-term high-intensity resistance exercise-induced muscle soreness is attenuated with dietary cholesterol. *Medicine and Science in Sports and Exercise*. 51(6): 868, 2019. <https://dx.doi.org/10.1249/01.mss.0000563094.61162.82>

107. **Lee CW, E Galvan, TV Lee, VCW Chen, S Bui, SF Crouse, JD Fluckey, SB Smith, SE Riechman.** The effects of choline intake and resistance exercise training on strength gains in older adults. *Medicine and Science in Sports and Exercise*. 50(5): 82, 2018.
<https://dx.doi.org/10.1249/01.mss.0000535352.58724.a2>
106. **Simmons EE, N Georgiades, C Goodenough, M Naruse, JD Fluckey, SF Crouse, SB Smith, SE Riechman.** Muscle anabolism is not improved by high daily protein or post exercise timing in fit young males performing simulated elite athlete training. *Integrative Physiology of Exercise*, 2018.
105. **Chen VCW, CW Lee, JD Fluckey, SE Riechman.** Blood lipid is associated with skeletal muscle PPAR δ protein content after a 10-week resistance exercise training. *Medicine and Science in Sports and Exercise*. 50(5): 808, 2018.
<https://dx.doi.org/10.1249/01.mss.0000538664.75932.47>
104. Deaver JW, AR Davis, CL O'Reilly, CG Goodenough, SE Riechman, JD Fluckey. MCF7 breast cancer cells treated with exercised condition perfusate media attenuates anabolic signaling and cell proliferation through mTOR signal transduction. *Advances in Skeletal Muscle Biology in Health and Disease*. University of Florida, 2017.
103. **Lee CW, E Galvan, TV Lee, VCW Chen, S Bui, SF Crouse, JD Fluckey, SB Smith, SE Riechman.** Lower choline intake is associated with diminished strength and lean mass gains in older adults. *Medicine and Science in Sports and Exercise*. 49:5S, 321, 2017.
<https://dx.doi.org/10.1249/01.mss.0000517748.88964.59>
102. Riechman SE, CL Sullivan, KN Elmendorf, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, NC Georgiades, TL Stanzeski, JM Rutan, Y Nieto, M Mascorro, SU Capetillo, KL Wilson. Factors influencing visual cognitive performance training. *Medicine and Science in Sports and Exercise*. 49(5): 217, 2017.
<https://doi.org/10.1249/01.mss.0000517439.81125.ba>
101. **Chen VCW, CW Lee, S Bui, TV Lee, SE Riechman.** Skeletal muscle PPAR δ increases acutely with resistance exercise inversely proportional to body fat percentage. *The FASEB Journal*. 30(S1): lb708, 2016. https://doi.org/10.1096/fasebj.30.1_supplement.lb708
100. Riechman SE, A Davis, T Simpson, W Porter, JD Fluckey. Chemotherapeutic properties of factors released from contracting skeletal muscle: early “exercise” versus fatigue. *The FASEB Journal*. 29(S1): 992.3, 2015. https://doi.org/10.1096/fasebj.29.1_supplement.992.3
99. **Chen VCW, CW Lee, S Bui, TV Lee, JD Fluckey, SE Riechman.** Skeletal muscle PPAR- δ increases with 10 weeks of resistance training. *The FASEB Journal*. 28(S1): LB819, 2014.
https://doi.org/10.1096/fasebj.28.1_supplement.lb819
98. Metzger CE, **TV Lee**, PK McBurnett, SE Riechman, SA Bloomfield. Does osteocyte sclerostin response to unloading and exercise vary across bone compartments? *Medicine and Science in Sports and Exercise*. 46(5): 39, 2014. <https://doi.org/10.1249/01.mss.0000493280.92872.3e>

97. Lambert BS, Shimkus, JD Fluckey, SE Riechman, J Cardin, SF Crouse. Anabolic responses to acute and chronic resistance exercise are enhanced when combined with aquatic treadmill exercise. *Medicine and Science in Sports and Exercise*. 46(5): 347-348, 2014.
<https://doi.org/10.1249/01.mss.0000494221.16557.16>
96. Lambert BS, NP Greene, DP Joubert, SE Riechman, JD Fluckey, SF Crouse, AT Carradine. Aquatic treadmill training reduces blood pressure reactivity to acute graded exercise in previously sedentary adults. *International Journal of Exercise Science*. 2(5): 4, 2013.
<https://digitalcommons.wku.edu/ijesab/vol2/iss5/4>
95. Hedges MM, C Metzger, **CW Lee**, SE Riechman, SA Bloomfield. Resistance exercise during hindlimb unloading in rats mitigates disuse induced bone loss. *International Journal of Exercise Science*. 2(5): 79, 2013. <https://digitalcommons.wku.edu/ijesab/vol2/iss5/79>
94. **Lee TV, S Bui, CW Lee, VCW Chen**, JD Fluckey, SE Riechman. The effects of dietary cholesterol and resistance training as countermeasures to accelerated muscle loss. *Medicine and Science in Sports and Exercise*. 45(5): 185, 2013.
<https://doi.org/10.1249/01.mss.0000433644.52319.aa>
93. Byrd M, S Simbo, YP Jung, B Sanchez, M Cho, CW Lee, B Lockard, C Baetge, K Levers, E Galvan, A Jagim, JM Oliver, R Dalton, B Bessire, K Horrell, T Leopold, M Koozehchian, D Khanna, K Shimkus, W Gapinsky, M Perez, J Hart, SE Riechman, JD Fluckey, M Greenwood, C Rasmussen, R Kreider. Effects of immediate and delayed nutrient timing following resistance exercise on changes in mixed muscle fractional synthesis rate (FSR) in post-menopausal women participating in a weight loss program. *Journal of the International Society of Sports Nutrition*. 10(1): 1-2, 2013. <https://doi.org/10.1186/1550-2783-10-S1-P3>
92. Misra R, S Lee, SE Riechman, L Castillo, R Valdes-Ramos, I Vizcarra Bordi, M Kaufer-Horwitz, J Guerrero. Exploring the association of behavioral, physiological and inflammatory markers with glycemic control in Mexican Americans with type 2 diabetes. *American Public Health Association*. November, 2013.
91. **Bui S, KL Shimkus, CW Lee, TV Lee, VCW Chen**, JD Fluckey, SE Riechman. The effect of caffeine on protein synthesis rates in rat gastrocnemius muscle tissue. *The FASEB Journal*. 27(S1): 1b807, 2013. https://doi.org/10.1096/fasebj.27.1_supplement.1b807
90. Crouse SF, NP Greene, BS Lambert, AT Carradine, D Joubert, SE Riechman, JD Fluckey. Aquatic training reduces exercise blood pressure and increases muscle eNOS. *The FASEB Journal*. 27(S1): 1132.22, 2013. https://doi.org/10.1096/fasebj.27.1_supplement.1132.22
89. **Chen VCW, CW Lee, TV Lee, S Bui**, JD Fluckey, SE Riechman. Changes in body composition with six weeks of resistance training. *The FASEB Journal*. 27(S1): 1b759, 2013.
https://doi.org/10.1096/fasebj.27.1_supplement.1b759
88. Byrd M, YP Jung, B Lockard, C Baetge, K Levers, E Galvan, A Jagim, S Simbo, JM Oliver, M Koozechian, D Khanna, R Dalton, B Sanchez, K Horrell, T Leopold, M Cho, J Fluckey, SE Riechman, M Greenwood, J Hart, K Shimkus, W Gapinski, M Perez, B Bessire, C Rasmussen, R Kreider. Effects of nutrient timing following resistance-exercise on changes in body composition in post-menopausal women participating in weight loss program. *The FASEB*

Journal. 27(S1): 1b335, 2013. https://doi.org/10.1096/fasebj.27.1_supplement.1b335

87. Greenwood M, J Oliver, AR Jagim, AC Sanchez, K Kelley, E Galvan, JD Fluckey, SE Riechman, R Jäger, M Purpura, I Pischel, RB Kreider. Effects of short-term ingestion of Russian tarragon prior to creatine monohydrate supplementation on anaerobic sprint capacity: a preliminary investigation. *Journal of the International Society of Sports Nutrition.* 9(1): P7, 2012. <https://doi.org/10.1186/1550-2783-9-S1-P7>
86. Jagim AR, JM Oliver, A Sanchez, E Galvan, JD Fluckey, SE Riechman, S Talcott, K Kelly, C Meininger, C Rasmussen, RB Kreider. Kre-Alkalyn® supplementation does not promote greater changes in muscle creatine content, body composition, or training adaptations in comparison to creatine monohydrate. *Journal of the International Society of Sports Nutrition.* 9(1): P11, 2012. <https://doi.org/10.1186/1550-2783-9-S1-P11>
85. **Chen VCW, CW Lee, TV Lee, SE Riechman.** The effect of resistance exercise combined with cholesterol intake on serum lipid profile in elderly men and women. *The FASEB Journal.* 26(S1): 1142.3, 2012. https://doi.org/10.1096/fasebj.26.1_supplement.1142.3
84. Kresta JY, J Oliver, A Jagim, R Kreider, JD Fluckey, SE Riechman, S Talcott. Effects of 28 days of beta-alanine and creatine monohydrate supplementation on muscle carnosine, body composition and exercise performance in recreationally active females. *Journal of the International Society of Sports Nutrition.* 9(1): P17, 2012. <https://doi.org/10.1186/1550-2783-9-S1-P17>
83. Oliver JM, AR Jagim, A Sanchez, K Kelley, E Galvan, JD Fluckey, SE Riechman, M Greenwood, R Jäger, M Purpura, I Pischel, RB Kreider. Effects of short-term ingestion of Russian Tarragon prior to creatine monohydrate supplementation on whole body and muscle creatine retention: a preliminary investigation. *Journal of the International Society of Sports Nutrition.* 9(1): P24, 2012. <https://doi.org/10.1186/1550-2783-9-S1-P24>
82. **Bui S, CW Lee, TV Lee, VCW Chen, SE Riechman.** The effects of habitual caffeine intake on lean body mass and strength performance during 12-weeks of resistance exercise training. *The FASEB Journal.* 25(S1): 1b568, 2011. https://doi.org/10.1096/fasebj.25.1_supplement.1b568
81. **Chen VCW, CW Lee, TV Lee, S Bui, SE Riechman.** The effect of acute high-intensity resistance exercise and dietary cholesterol on PPAR δ protein content in skeletal muscle. *The FASEB Journal.* 25(S1): 1b594, 2011. https://doi.org/10.1096/fasebj.25.1_supplement.1b594
80. **Lee CW, TV Lee, VCW Chen, S Bui, SE Riechman.** Dietary cholesterol affects skeletal muscle protein synthesis following acute resistance exercise. *The FASEB Journal.* 25(S1): 1b563, 2011. https://doi.org/10.1096/fasebj.25.1_supplement.1b563
79. Crouse SF, JM Oliver, SE Martin, SE Riechman, J Dobson, K McCammon, D Weir, J Tanguay, JP Bramhall. DHA supplementation and blood lipoproteins in football athletes during heavy physical training. *The FASEB Journal.* 25(S1): 1b556, 2011. https://doi.org/10.1096/fasebj.25.1_supplement.1b556
78. Dobson JP, JM Oliver, SE Riechman, SF Crouse. Inflammation and muscle damage markers of football athletes during heavy physical training with DHA supplementation. *The FASEB*

Journal. 25(S1): 1b550, 2011. https://doi.org/10.1096/fasebj.25.1_supplement.1b550

77. **Lee TV, CW Lee, VCW Chen, S Bui, H Gasier, SE Riechman**. The effects of dietary cholesterol and resistance training on lean mass change and cholesterol metabolism in rat skeletal muscle. *The FASEB Journal*. 25(S1): 1057.18, 2011. https://faseb.onlinelibrary.wiley.com/doi/10.1096/fasebj.25.1_supplement.1057.18
76. Crouse SF, JM Oliver, SE Martin, J Dobson, SE Riechman, D Weir, J Tanguay, JS Green, JP Bramhall. Lipid profiles of American collegiate football athletes in response to fall preseason camp. *Medicine and Science in Sports and Exercise*. 43(5): 2, 2011. <https://doi.org/10.1249/01.MSS.0000402672.15893.86>
75. Riechman SE, **CW Lee, G Chikani, TV Lee, V Chen**. Dietary omega-3/omega-6 fat and muscle responses to resistance training in older adults. *Medicine and Science in Sports and Exercise*. 43(5): 305, 2011. <https://doi.org/10.1249/01.MSS.0000400839.15621.d7>
74. Misra R, SE Riechman, J Guerro, R Valdes Ramos, L Castillo, M Kaufer, S Lee S, I Bordi. Psychosocial determinants of metabolic syndrome: A binational comparison of Mexican and Mexican-American diabetics. *National Latinx Psychological Association*. November 2010.
73. **Oliver JM, MA Mardock, AJ Beihl, SE Riechman**. Macronutrient intake in collegiate powerlifters participating in off season training. *Journal of the International Society of Sports Nutrition*. 7(1): P8, 2010. <https://doi.org/10.1186/1550-2783-7-S1-P8>
72. **Lee TV, JM Swift, VCW Chen, CW Lee, S Bui, SA Bloomfield, SE Riechman**. The effects of hindlimb suspension on proteins essential to cholesterol metabolism in rat skeletal muscle. *The FASEB Journal*. 24(S1): 1b681, 2010. https://doi.org/10.1096/fasebj.24.1_supplement.1b681
71. Riechman SE, **CW Lee, TV Lee, VCW Chen, S Bui**. Effect of dietary cholesterol on blood biomarkers during resistance training: Randomized controlled trial. *The FASEB Journal*. 24(S1): 1b669, 2010. https://doi.org/10.1096/fasebj.24.1_supplement.1b669
70. **Lee CW, TV Lee, VCW Chen, S Bui, SE Riechman**. Dietary choline affects strength gains in elderly people. *The FASEB Journal*. 24(S1): 618.5, 2010. https://doi.org/10.1096/fasebj.24.1_supplement.618.5
69. **Bui S, J Oliver, M Mardock, BS Lambert, A Beihl, SE Riechman**. High egg cholesterol consumption may not affect blood serum cholesterol levels in elite athletes in training. *The FASEB Journal*. 24(S1): 628.6, 2010. https://doi.org/10.1096/fasebj.24.1_supplement.628.6
68. **Gasier HG, JD Fluckey, MP Wiggs, CW Lee, SF Previs, SE Riechman**. Acute resistance exercise augments cumulative myofibrillar, but not mixed muscle protein synthesis. *Medicine and Science in Sports and Exercise*. 42(5): 63-64, 2010. <https://doi.org/10.1249/01.MSS.0000385212.10161.2e>
67. **Chen VCW, CW Lee, TV Lee, G Chikani, S Bui, SE Riechman**. Blood pressure is decreased after resistance training in stage 1 hypertensive but not normo- or pre-hypertensive elderly men and women. *Medicine and Science in Sports and Exercise*. 42(5): 2010. <https://doi.org/10.1249/01.MSS.0000386682.89997.53>

66. Misra R, SE Riechman, S Shinde, I Coraza, J Villanueva, P Chandra, A Balasubramanyam. Both low and high CD4⁺ T-cell counts are associated with abnormal glucose metabolism among HAART-treated HIV patients. *The Endocrine Society*. June 2009.
65. Greene NP, MI Nilsson, BS Lambert, SE Riechman, JD Fluckey, SF Crouse. Changes in PPAR δ protein content following acute aerobic exercise in human vastus lateralis muscle. *International Journal of Exercise Science*. 2(1): S23, 2009.
64. Davis AR, L Shilling, E Dougherty, B Macias, W Porter, SE Riechman, JD Fluckey. Chemotherapeutic properties of myokines released from “e-stim” skeletal muscle. *Applied Physiology Nutrition and Metabolism*. 34: 1124, 2009.
63. Riechman SE, AR Davis, **TV Lee**, **V Chen**, **CW Lee**, JD Fluckey. Skeletal muscle endocrine factors. *Applied Physiology Nutrition and Metabolism*. 34: 1151, 2009.
62. Misra R, R Valdes-Ramos, IV Bordi, S Lee, L Castillo, SE Riechman, M Kaufer-Horwitz, A Connely-Nicholson. Diabetes self-management and outcomes: A binational comparison of urban/rural Mexicans and Mexican Americans. *American Public Health Association*, 2009.
61. **Newman MA**, SE Riechman, BH Goodpaster, RJ Robertson, FL Goss. mTOR signaling pathway associated with percent change in skeletal muscle strength following resistance exercise training. *Medicine and Science in Sports and Exercise*. 41(5): 164, 2009.
<https://doi.org/10.1249/01.mss.0000354147.61741.2a>
60. Gearhart RF, KM Lagally, SE Riechman, **RD Andrews**, RJ Robertson. Tracking strength changes and safety using Omni Scale RPE during resistance training in older adults. *Medicine and Science in Sports and Exercise*. 41(5): 216, 2009.
<https://doi.org/10.1249/01.MSS.0000355215.89874.97>
59. Greene NP, MI Nilsson, BS Lambert, SE Riechman, JD Fluckey, SF Crouse. Changes in PPAR δ protein content following acute aerobic exercise in human vastus lateralis muscle. *Medicine and Science in Sports and Exercise*. 41(5): 78, 2009.
<https://doi.org/10.1249/01.mss.0000353511.09224.dd>
58. **Lee CW**, **MA Newman**, SE Riechman. Oral contraceptive use impairs muscle gains in young women. *The FASEB Journal*. 23(S1): 955.25, 2009.
https://doi.org/10.1096/fasebj.23.1_supplement.955.25
57. **Chen VCW**, **CW Lee**, **TV Lee**, **G Chikani**, SE Riechman. Lean mass gain with resistance training is independent of gender. *The FASEB Journal*. 23(S1): 955.26, 2009.
https://doi.org/10.1096/fasebj.23.1_supplement.955.26
56. **Gasier HG**, SF Previs, **TV Lee**, **VCW Chen**, MP Wiggs, SE Riechman, JD Fluckey. A comparison of ²H₂O and phenylalanine flooding dose methodologies to investigate protein synthesis rates in rats. *Integrative Biology of Exercise*, 2008.

55. Chandra P, R Misra, SE Riechman, S Shinde, I Coraza, J Villanueva, D Lewis, R Sekhar, A Balasubramanyam. Low CD4+ T-lymphocyte count is associated with glucose intolerance among HIV-infected patients on highly-active antiretroviral therapy. *Baylor College of Medicine Research Symposium*, 2008.
54. **Gasier HG**, SF Previs, J Alejandro-Buentello, MP Wiggs, SE Riechman, JD Fluckey. The assessment of in vivo protein synthesis following chronic resistance exercise using 2H2O. *The FASEB Journal*. 22(S2): 91, 2008. https://doi.org/10.1096/fasebj.22.2_supplement.91
53. Riechman SE, CW Lee, **HG Gasier**, **G Chikani**. Dietary cholesterol and skeletal muscle hypertrophy with resistance training: A randomized placebo-controlled trial. *The FASEB Journal*. 22(S1): 962.13, 2008. https://doi.org/10.1096/fasebj.22.1_supplement.962.13
52. Lee CW, **HG Gasier**, **G Chikani**, SE Riechman. Does dietary cholesterol increase cardiovascular risk in exercising people? A randomized placebo-controlled trial. *The FASEB Journal*. 22(S1): 1175.8, 2008. https://doi.org/10.1096/fasebj.22.1_supplement.1175.8
51. Lee TV, CW Lee, **HG Gasier**, **G Chikani**, VCW Chen, SE Riechman. Does post exercise protein reduce total protein needs for optimal skeletal muscle responses to resistance training in older adults? *The FASEB Journal*. 22(S1): 753.23, 2008. https://doi.org/10.1096/fasebj.22.1_supplement.753.23
50. Misra R, S Shinde, I Coraza, J Villanueva, SE Riechman, P Chandra. Glucose intolerance among HIV-infected patients: effects of ethnicity and immunologic response to treatment. *Annals of Behavioral Medicine*. 35: S58, 2008.
49. Gearhart RF, KM Lagally, SE Riechman, **RD Andrews**, RJ Robertson. Comparison of the relative weight lifted at target Omni-Res RPE between older and younger adults. *Midwest Regional Conference- American College of Sports Medicine Conference*. October 2007.
48. Gearhart RF, KM Lagally, SE Riechman, **RD Andrews**, RJ Robertson. Assessment of relative strength pre- and post-resistance training using the OMNI Resistance Exercise Scale. *Medicine and Science in Sports and Exercise*. 39(5): S25, 2007. <https://doi.org/10.1249/01.mss.0000272976.43892.cc>
47. Balasekaran G, RJ Robertson, MJ Mayo, SE Riechman, JR Grantham, CM Kammerer, V Govindaswamy, RE Ferrell. Effects of gene variation on exercise-induced weight loss, body composition and fat distribution in obese males. *Medicine and Science in Sports and Exercise*. 39(5): S469, 2007. <https://doi.org/10.1249/01.mss.0000274857.78835.51>
46. Riechman SE, **HG Gasier**. Effect of dietary cholesterol on muscle hypertrophy with resistance training: randomized double blind placebo-controlled trial. *Medicine and Science in Sports and Exercise*. 39(5): S291-292, 2007. <https://doi.org/10.1249/01.mss.0000274127.16358.61>
45. **Gasier HG**, MP Wiggs, JM Swift, DA Oliphant, SE Riechman, JD Fluckey. Plateau effects of resistance exercise result from over-expression of eIF4E-BP1. *The FASEB Journal*. 21(6): LB559, 2007. <https://doi.org/10.1096/fasebj.21.6.LB119-a>

44. Gearhart RF, KM Lagally, SE Riechman, **RD Andrews**, RJ Robertson. Leg press strength tracking using the Omni Resistance Exercise Scale in older men and women. *Medicine and Science in Sports and Exercise*. 38(5): S503-504, 2006.
43. Riechman SE, **D Kean**, **RD Andrews**, **HG Gasier**, **S Hammer**. Dietary cholesterol alters recovery from eccentric muscle damage in humans. *Medicine and Science in Sports and Exercise*. 38(5): S368, 2006.
42. Balasekaran G, MJ Mayo, SE Riechman, JR Grantham, CM Kammerer, V Govindaswamy, RE Ferrell. Obesity gene variation on effect of large exercise-induced weight loss on body composition and fat distribution in obese males. *Medicine and Science in Sports and Exercise*. 38(5): S337, 2006.
41. Riechman SE, **RD Andrews**, DA MacLean. Increased dietary cholesterol is associated to greater increases in hip bone mineral density with resistance training in seniors. *The FASEB Journal*. 20(4): A396, 2006. <https://doi.org/10.1096/fasebj.20.4.A396-c>
40. **Andrews RD**, **HG Gasier**, SE Riechman. Body composition changes inconsistent with classic energy balance models: a case report. *Maryland Dietetic Association Annual Meeting*. March, 2006.
39. **Andrews RD**, Lowry Gordon K, Burzminski N, SE Riechman. The influence of food groups and micronutrients with resistance training on bone mineral changes in the elderly. *Journal of the International Society of Sports Nutrition*. 2(1): 1-30, 2005.
38. **Andrews RD**, SE Riechman, DA MacLean. Optimal protein intake for skeletal muscle hypertrophy with resistance training in 60-69 year old men and women. *The FASEB Journal*. 19(4): A1569, 2005.
37. Riechman SE, **RD Andrews**, DA MacLean. Dietary and blood cholesterol and statins increase hypertrophy with resistance training. *The FASEB Journal*. 19(4): 902.11, 2005.
36. **Fascione JM**, **DA Michel**, **SB Hammer**, SE Riechman. The association of foot arch height and running performance. *Medicine and Science in Sports and Exercise*. 37(5): S153, 2005.
35. Riechman SE, G Balasekaran, RE Ferrell. CETP gene variation and cholesterol response to resistance exercise training in MERET. *Medicine and Science in Sports and Exercise*. 37(5): S165, 2005.
34. **Bowman JM**, **SB Hammer**, **RD Andrews**, **SA Giguere**, SE Riechman. Blood pressure responses to resistance training in 60-69 year old men and women. *Medicine and Science in Sports and Exercise*. 37(5): S439, 2005.
33. Riechman SE, G Balasekaran, RE Ferrell. Calcineurin gene variation and resistance exercise training responses in MERET. *Medicine and Science in Sports and Exercise*. 36(5): S271, 2004.

32. Riechman SE, G Balasekaran, RE Ferrell. UCP3 Exon 5 gene variation and resistance exercise training responses in MERET. *The FASEB Journal*. 18(4): 2004.
31. Smith AW, CJ Rogers, SE Riechman, RE Schoen, J Weissfeld, A Kriska. Physical activity and colorectal adenoma risk among older adults. *Society of Behavioral Medicine*, 2004.
30. **Doe VH**, SE Riechman, G Balasekaran, SM Roth, RE Ferrell. Resistance exercise training responses in African American verses Caucasian. *The FASEB Journal*. 17(4): A1271, 2003.
29. Riechman SE, G Balasekaran, SM Roth, RE Ferrell. ACE gene variation and resistance exercise training responses in MERET. *The FASEB Journal*. 17(4): A941, 2003.
28. **Newman MA**, SE Riechman, G Balasekaran, SM Roth, RE Ferrell, RJ Robertson, BF Hurley. Age, birth control, strength training activity associated to lean mass gain with strength training. *Medicine and Science in Sports and Exercise*. 34(5): S281, 2002.
27. Riechman SE, TJ Fabian, PD Kroboth, G Balasekaran, SM Roth, RE Ferrell, RJ Robertson, BF Hurley. Peripheral benzodiazepine receptor polymorphisms are associated with plasma DHEA and cortisol responses to strength training. *Medicine and Science in Sports and Exercise*. 34(5): S131, 2002.
26. Riechman SE, G Balasekaran, SM Roth, RE Ferrell, BF Hurley. Fat loss with strength training is associated to Interleukin-6 G-174C polymorphism in men and women. *The FASEB Journal*. 16(5): A881, 2002.
25. Roth SM, MA Schrager, SE Riechman, EJ Metter, JL Fleg, BF Hurley, RE Ferrell. The IL6 G-174C promoter polymorphism and body composition in adult men and women. *The FASEB Journal*. 16(5): A880-881, 2002.
24. Riechman SE, TJ Fabian, PD Kroboth, SM Roth, RE Ferrell. DHEA/DHEAS responses to strength training in men and women: influence of a polymorphic marker in the x-linked steroid sulfatase gene. *The Physiologist*. 44(4): 279, 2001.
23. Roth SM, MA Schrager, SE Riechman, RE Ferrell, EJ Metter, JL Fleg, BF Hurley. Does IGFII genotype predict BMI and body fat in men and women across the adult age span? *Medicine and Science in Sports and Exercise*. 33(5): S323, 2001. <http://dx.doi.org/10.1097/00005768-200105001-01811>
22. Balasekaran G, RJ Robertson, SE Riechman, FL Goss, K Danadian, SA Arslanian. Effect of Dihydrotestosterone therapy on VO2max, body composition and physical development in adolescents. *Medicine and Science in Sports and Exercise*. 33(5): S32, 2001. <http://dx.doi.org/10.1097/00005768-200105001-00182>
21. Riechman SE, G Balasekaran, SM Roth, RE Ferrell, RJ Robertson, BF Hurley. Ciliary Neurotrophic Factor (CNTF) genotype is associated with skeletal muscle responses to strength training. *Medicine and Science in Sports and Exercise*. 33(5): S277, 2001.
20. Roth SM, MA Schrager, SE Riechman, RE Ferrell, EJ Metter, JL Fleg, BF Hurley. Ciliary neurotrophic factor (CNTF) genotype and body composition in men and women across the adult age span. *The FASEB Journal*. 15(4): A485, 2001.

19. Riechman SE, G Balasekaran, SM Roth, RE Ferrell, BF Hurley. Magnitude of skeletal muscle hypertrophy augmented by Interleukin-15 Receptor SNP genotype. *The FASEB Journal*. 15(4): A485, 2001.
18. Dabayebbeh IM, SE Riechman, G Balasekaran, F Goss, RJ Robertson. State anxiety following 25 minutes of cycle ergometer exercise at various aerobic exercise intensities. *Medicine and Science in Sports and Exercise*. 32(5): S401, 2000.
17. Riechman SE, R Witt, C Meckes, G Balasekaran, F Goss, S Lephart, J Fernstrom, RJ Robertson. Exercise anxiolysis is mediated through temperature regulation by endogenous benzodiazepines. *Medicine and Science in Sports and Exercise*. 32(5): S40, 2000.
16. Dabayebbeh IM, SE Riechman, G Balasekaran, FL Goss, N Moyna, K Metz, C Baker, RJ Robertson. Effect of aerobic exercise at various sub-maximal intensities on circulating beta-endorphin concentrations. *Medicine and Science in Sports and Exercise*. 31(5): S268, 1999.
15. Riechman SE, IM Dabayebbeh, G Balasekaran, FL Goss, GE Moore, RJ Robertson. Absence of a beta-endorphin mediating effect for RPE and mood at submaximal exercise intensities. *Medicine and Science in Sports and Exercise*. 31(5): S84, 1999.
14. Riechman SE, IM Dabayebbeh, G Balasekaran, FL Goss, RJ Robertson. Absence of a beta-endorphin mediating effect for RPE and mood at submaximal exercise intensities. *Mid Atlantic American College of Sports Medicine Regional Conference, 1998*.
13. Goss FL, RJ Robertson, SE Riechman, RF Zoeller, IM Dabayebbeh, NM Moyna, J Peoples, K Metz. Effect of oral phosphate supplementation on perceptual and physiological responses to maximal graded exercise. *Medicine and Science in Sports and Exercise*. 30(5): S220, 1998.
12. Riechman SE, RF Zoeller, G Balasekaran, FL Goss, RJ Robertson. Prediction of 2000 M rowing performance in females using indices of anaerobic and aerobic power. *Medicine and Science in Sports and Exercise*. 30(5): S275, 1998.
11. Zoeller RF, SE Riechman, IM Dabayebbeh, FL Goss, RJ Robertson. Exercise prescription for thoracic level paraplegics. *11th International Symposium for Adapted Physical Activity, Quebec City, Canada, May, 1997*.
10. Zoeller RF, SE Riechman, IM Dabayebbeh, RJ Robertson. Hemodynamic responses to peak arm-crank exercise in thoracic level paraplegics. *Medicine and Science in Sports and Exercise*. 29(5): S84, 1997.
9. Zoeller RF, SE Riechman, IM Dabayebbeh, RJ Robertson, FL Goss. Selected indices of peripheral muscle function and strength as correlates of endurance performance in paraplegics. *Medicine and Science in Sports and Exercise*. 28(5): S144, 1996.
8. Moyna NM, JD Bodner, HR Goldberg, SE Riechman, RJ Robertson, BS Rabin. The effect of aerobic fitness level on psychological induced alterations in immune function. *Medicine and Science in Sports and Exercise*. 27(5): S129, 1995.

7. Bodner JD, NM Moyna, HR Goldberg, SE Riechman, RJ Robertson, MF Muldoon, BS Rabin. The effect of aerobic fitness level on psychological induced alterations in blood lipids. *Medicine and Science in Sports and Exercise*. 27(5): S20, 1995.
6. Riechman SE, M Shurin, K Ackerman, B Rabin. Norepinephrine release in the spleen mediates stress-induced immune suppression in Lewis rats. *First World Congress on Stress*, 1994.
5. Zhou D, N Shanks, SE Riechman, R Liang, BS Rabin. IL-6 potentiates restraint stress induced immune suppression. *First World Congress on Stress*, 1994.
4. Nelson LE, AW Kusnecov, D Zhou, AV Armfield, SE Riechman, BS Rabin. Diazepam ameliorates the effect of conditioned stress on splenic mitogenic response. *First World Congress on Stress*, 1994.
3. Moyna NM, D Zhou, MH Fernstrom, HR Goldberg, SE Riechman, BS Rabin. The role of nitric oxide in modulating the functional alterations in spleen lymphocyte function during moderate intensity exercise. *Research Perspectives in Psychoneuroimmunology*, 1994.
2. Zhou D, N Shanks, SE Riechman, R Liang, BS Rabin. IL-6 potentiates IL-1 and stressor induced HPA axis activation and restraint stress induced immune suppression. *Research Perspectives in Psychoneuroimmunology*, 1994.
1. Nelson LE, AW Kusnecov, D Zhou, AV Armfield, SE Riechman, BS Rabin. Modulation of the effect of conditioned stress on splenic mitogenic response. *Research Perspectives in Psychoneuroimmunology*, 1994.

Other Presentations

- Doyle B**, JB Mann, SE Riechman. AI-Driven Insights from the NFL Scouting Combine: Novel Approaches for Talent Identification. *Student Research Week, TAMU*. 2025. (1st place, Computational and Data Sciences).
- Irish G**, I Caron, **KM Beathard**, SE Riechman. Unveiling the Night's Impact: Exploring the Correlation between Macular Pigment Optical Density (MPOD) Scores and Sleep Deprivation. *Student Research Week, TAMU*. 2023.
- Alabi O, C Straw, C Segars, C Burbrink, W Floyd, SE Riechman, A Thomson, **J Correa**. Turfgrass species and management practices impact soccer athletes' peak tibial accelerations and perceptions of surface conditions. *Crop Science Society of America* Oct. 2023. (1st place).
- Medina K**, **J Bodiford**, **P Froberg**, **JB Goulart**, **KM Beathard**, SE Riechman. Mental Perspectives in Gamers. *Student Research Week, TAMU*. 2023.
- Siddiqui S**, **M Cuevas**, **B Hinojos**, **J Cardenas**, SE Riechman, C Straw. Athlete perceptions of hydration when competing on natural grass versus artificial turf in extreme heat. *Student Research Week, TAMU*. 2022.

- Culpepper EA, MG Conselman, TW Dunn, MS Hamilton, SN Malvaez, MG Montgomery, RR Scego, LR Schinnerer, NC Georghiades, KM Beathard, SE Riechman.** The association of dietary vitamin D on visual cognitive performance and training in the IONSport Study. *Nutrition Graduate Research Symposium, TAMU*. 2021.
- Dunn TW, EA Culpepper, MS Hamilton, RR Scego, LR Schinnerer, MG Montgomery, MG Conselman, SN Malvaez, NC Georghiades, KM Beathard, SE Riechman.** The impact of carbohydrate intake on visual cognitive performance and training in the IONSport Study. *Student Research Week, TAMU*. 2020.
- Schinnerer L, M Hamilton, R Scego, A Santilla, M Montgomery, S Malvaez, E Culpepper, B Bersan, D Darr, E Shepard, L Weaver, C Arrieta, O Delgado, C Sahin, A Layne, K Espinosa, K Beathard, N Georghiades, SE Riechman.** The impact of lycopene on visual cognitive performance and training in the IONSport Study cohort. *Student Research Week, TAMU*. 2020.
- Culpepper EA, MG Conselman, TW Dunn, MS Hamilton, SN Malvaez, MG Montgomery, RR Scego, LR Schinnerer, NC Georghiades, KM Beathard, SE Riechman.** The association of dietary vitamin D on visual cognitive performance and training in the IONSport Study. *Student Research Week, TAMU*. 2020.
- Montgomery M, M Hamilton, D Settlemyre, T Dunn, G Covey, R Scego, L Shinnerer, S Malvaez, E Culpepper, K Beathard, NC Georghiades, SE Riechman.** The impact of oral contraceptives on visual cognitive performance and training in the IONSport Study. *Student Research Week, TAMU*. 2020.
- Arrieta C, S Alaniz, K Espinosa, L Chapa, M Grams, L Shinnerer, M Nelson, L Weaver, C Sahin, N Georghiades, K Beathard, SE Riechman.** The impact of dietary antioxidants on visual cognitive performance in older adults in the Nutrition, Vision and Cognition in Health Study. *Student Research Week, TAMU*. 2019.
- Espinosa K, C Arrieta, S Alaniz, L Chapa, M Grams, L Shinnerer, M Nelson, L Weaver, C Sahin, N Georghiades, K Beathard, SE Riechman.** The association of dietary choline on visual cognitive performance in older adults in the Nutrition, Vision and Cognition Health Study. *Student Research Week, TAMU*. 2019.
- Chapa L, S Alaniz, K Espinosa, C Arrieta, M Grams, L Shinnerer, M Nelson, L Weaver, C Sahin, N Georghiades, K Beathard, SE Riechman.** The association of physical activity on visual cognitive performance in older adults in the Nutrition, Vision and Cognition in Health Study. *Student Research Week, TAMU*. 2019.
- Alaniz S, C Arrieta, K Espinosa, L Chapa, M Grams, L Shinnerer, M Nelson, L Weaver, C Sahin, N Georghiades, K Beathard, SE Riechman.** The association of dietary Cobalamin (B12) intake and visual cognitive performance in the Nutrition, Vision and Cognition in Health Study. *Student Research Week, TAMU*. 2019.
- Jessa ZS, CL Sullivan, KN Elmendorf, CJ Zachry, TL Stanzas, KA Grayson, WL Porter, RR Beakley, NC Georghiades, JM Rutan, Y Nieto, M Mascorro, SU Capetillo, KL Wilson, SE Riechman.** Effects of Dietary Lutein and zeaxanthin and eye color on visual cognitive

performance and training responses in the IONSport Study. *Student Research Week, TAMU*. 2017.

Stanzas TL, CL Sullivan, KN Elmendorf, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, NC Georgiades, JM Rutan, Y Nieto, M Mascorro, SU Capetillo, KL Wilson, SE Riechman. Hydration factors affecting visual cognitive tracking training and performance in the IONSport Study. *Student Research Week, TAMU*. 2017.

Mascorro M, CL Sullivan, KN Elmendorf, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, TL Stanzas, JM Rutan, Y Nieto, NC Georgiades, SU Capetillo, KL Wilson, SE Riechman. The effects of caffeine intake and perceived readiness on visual cognitive performance and training responses in the IONSport Study. *Nutrition and Food Science Graduate Symposium, TAMU*. 2017.

Mascorro M, CL Sullivan, KN Elmendorf, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, TL Stanzas, JM Rutan, Y Nieto, NC Georgiades, SU Capetillo, KL Wilson, SE Riechman. The effects of caffeine intake and perceived readiness on visual cognitive performance and training responses in the IONSport Study. *Student Research Week, TAMU*. 2017.

Georgiades NC, CL Sullivan, KN Elmendorf, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, TL Stanzas, JM Rutan, Y Nieto, M Mascorro, SU Capetillo, KL Wilson, SE Riechman. The impact of dietary protein and amino acids on visual cognitive performance and training in the IONSport Study. *Nutrition and Food Science Graduate Symposium, TAMU*. 2017.

Georgiades NC, CL Sullivan, KN Elmendorf, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, TL Stanzas, JM Rutan, Y Nieto, M Mascorro, SU Capetillo, KL Wilson, SE Riechman. The impact of dietary protein and amino acids on visual cognitive performance and training in the IONSport Study. *Student Research Week, TAMU*. 2017.

Elmendorf KN, CL Sullivan, TL Stanzas, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, NC Georgiades, JM Rutan, Y Nieto, M Mascorro, SU Capetillo, KL Wilson, SE Riechman. The impact of visual acuity and dietary retinol, vitamin a and its precursors on visual cognitive tracking performance in the IONSport Study. *Student Research Week, TAMU*. 2017.

Misra R, J Guerro, SE Riechman, R Valdes Ramos, L Castillo, M Kaufer, S Lee, I Bordin. Joint effects of obesity and physical inactivity on cardiovascular disease risk among Hispanics with type 2 diabetes. *TSOPHE Annual Meeting*. October 2010.

Horvath V, AJ Bianchi, V Dutcher, T Kandakai, M Lindner, LM Hines, K Peer, SE Riechman, D Tuthill, K Walker, S Wilcox, E Yoon. Starbucks, Sheetz, e-Bay, and School: Engaging Today's Students. *Annual Lilly West Conference, Pomona, CA*. 2004.

Invited Presentations

Local

Riechman SE. Tracking Fatigue in Soldiers. *[Voices of Impact, School of Education and Human Development](#)*. 2024

Riechman SE, J Yentes. Kinesiology and Sport Management. *[On the Move Podcast](#)*. 2024

Riechman SE. Huffines Institute. *[We Do the Heavy Lifting Podcast](#)*. 2024

Riechman SE. Fatigue Prediction and Mitigation. *KINE TAMU Seminar*. Fall 2023.

Riechman SE. Wearable hydration technology for athletic performance. *KINE TAMU Seminar*. Fall 2021.

Riechman SE. Visual Cognitive Performance and Nutrition. *CTRAL Seminar, TAMU*. Jan 2019.

Riechman SE. Meathead Sport Nutrition. *PEAP In-service, TAMU*. July 2019.

Riechman SE. Exercise is Medicine. *Interdisciplinary Seminar on Health, College of Education, TAMU*. Feb. 2010.

Riechman SE. *Intercollegiate Faculty of Nutrition Seminar Series, TAMU*. Feb. 2006.

Riechman SE. *Division of Kinesiology Seminar Series, TAMU*. Oct. 2005.

Riechman SE. Student Involvement in Faculty Research: A win win for research teams. *Linnea Henderson Research Symposium, School of Nursing, Kent State University, Research Teams of the Future*. Oct., 2004.

Riechman SE. The Molecular Epidemiology of Resistance Exercise Training Study. *The Department of Human Genetics Seminar Series, University of Pittsburgh*. Jan., 2002.

National

Riechman SE. Oral contraceptive use impairs muscle gains in young women. *PodScholars*. <https://podscholars.com/> 2023.

Riechman SE. Meathead sports nutrition. *Texas Sports Dietetics Association*. July, 2019.

Riechman SE. Meathead sports nutrition. *Collegiate and Professional Sports Dietitians Association Annual Conference*. May, 2019.

Riechman SE. Effect of exercise and/or nutritional perturbations on cumulative muscle protein synthesis. *Experimental Biology*. April, 2012.

Riechman SE. Cholesterol: When bad is good and more is better. *McGraw Lecture, University of Texas, Austin*. Jan., 2012.

Riechman SE. Eat more cholesterol. *Huffines Discussion, TAMU*. March, 2011.

Riechman SE. Cholesterol and skeletal muscle health. *Reciprocal Meat Conference. Rogers Arkansas. University of Arkansas. American Meat Science Association.* June, 2009.

Riechman SE. Sarcopenia and healthy aging. *Ohio Association of Area Agencies on Aging, Conference on Aging, Columbus, OH.* Sept., 2004.

Riechman SE. The importance of building muscle mass in the aged population. *Rehabilitation & Health Center, Inc. Crystal Clinic. Practical Application of Clinical Nutrition.* April, 2004.

International

Riechman SE. Effect of exercise and/or nutritional perturbations on cumulative muscle protein synthesis. *Featured Topic Chair. Experimental Biology Annual Meeting, Environmental and Exercise Section.* April, 2012.

Riechman SE. Skeletal muscle health with aging: threats and countermeasures. *Northern Ontario School of Medicine, Medical Sciences Seminar, Laurentian University, Sudbury, ON, Canada.* Sept., 2010.

Riechman SE. Cholesterol and skeletal muscle health. *International Society of Nutrigenetics and Nutrigenomics, Satellite Conference on the Columbus Concept, Geneva, Switzerland.* Oct., 2008.

Riechman SE. Metabolic Syndrome: From molecular bases to clinical presentation and it's integrated approach. *Impacto de la Nutrición y Bienestar en la Salud, 2er. Simposio Internacional. Tecnológico de Monterrey, Escuela de Medicina.* March, 2008.

Riechman SE. Aging, nutrition and exercise in health and disease. *Impacto de la Nutrición y Bienestar en la Salud, 1er. Simposio Internacional, Tecnológico de Monterrey, Escuela de Medicina.* Jan., 2007.

Published Interviews

Empatica Embrace. Texas A&M University uses EmbracePlus to identify breath biomarkers of fatigue. 2024. <https://www.empatica.com/case-studies/texas-a-and-m-university-uses-embraceplus-to-identify-breath-biomarkers-of-fatigue/>

Gorvett, Z. How the pill changes your body shape. *BBC Future.* October 3, 2018. <https://www.bbc.com/future/article/20181003-does-the-birth-control-pill-make-you-fat>

Randall K. Modern Man vs. Cave Man? No Match, Says Texas A&M Prof. *Texas A&M Newswire.* Dec., 2009.

Contraceptive Contretemps. *Muscle and Fitness HERS.* Sept./Oct., 2009.

Painter K, Menchaca A. Motiva el Wii Fit a ponerse en forma. *el Norte.* April 15, 2009.

Priolo N. Staying Fit as you Age. *About Town Press.* June, 2009.

The Pills Secret Power. *Yahoo News*. Nov., 2009.

Santiago D. Rondas los 40 anos? Piensa en el ejercicio. *el Norte*. March 10, 2008.

Randall K. Surprise - Cholesterol May Actually Pose Benefits, Study Shows. *ScienceDaily*. Jan. 10, 2008.

Randall K. August is National Sandwich Month. *United Press Syndicate*. Aug., 2008.

Petersen A. The Baby Boomer Tuneup. *Wall Street Journal*. March 8, 2005.

Hoyt N. Riechman Investigates Effects of Aging on Muscle Loss. *The Gerontology Center Newsletter*. Spring, 2004.

Dadich M. Researcher looks to explain muscle loss in elderly. *Kent Stater*. Dec. 5, 2003.

Evans D. Genetics just doesn't understand equality. Identical exercise, diets don't guarantee equal results. *The Akron Beacon Journal*. July 24, 2003.

Petersen A. Born to be a Couch Potato: It Could be in your genes. Research probes why some get less out of exercise; Mom's eye, Dad's inertia. *Wall Street Journal*. July 15, 2003.

RESEARCH GRANTS

(Primary Advisees in Bold)

Pending Proposals

Human Performance Innovation and Optimization Laboratory (Thematic Lab)

SE Riechman, PI. \$160,000 2025

TAMIDS

Optimizing investment, environmental impact, and user health of community-level sports fields

C Straw, PI Co-I SE Riechman. \$9,500,000

USDA-NIFA-SCRI

Active Extramural

Improving Cognitive Performance in Esport Athletes Targeting Pork Protein Intake

SE Riechman, PI, K Beathard Co-PI \$106,000 2024-2025

National Pork Board

The Role of Lutein, Zeaxanthin, and Fish Oil on Cognitive Function and Bone Health in Healthy Young Adults

K Beathard, PI, Co-PI SE Riechman. \$36,000 2023-2025

Allen Foundation

Integrated Fatigue Analysis and Prediction using Breath Analysis and Wearable Sensors

R Jafari, PI, Co-PI SE Riechman. \$4,800,000 2022-2025

DARPA

The Role of Lutein, Zeaxanthin, and Fish Oil on Cognitive Function and Bone Health in Healthy Young Adults.

K. Beathard, PI, SE Riechman Co-PI. \$16,500. 2022-2024

EyePromise Inc.

Active Intramural

T.E.M.P.S. – Interest Group: Thermal Environmental Management & Physiological Studies

SE Riechman, PI, \$10,000

The Catalyst Fund- CEHD TAMU

AI-Powered Breakthroughs in Human Performance: Synergizing the Education to Research Continuum

SE Riechman, PI, \$ 46,259

AI: Emerge- CEHD TAMU

The Southern Heat Initiative: Profiling and Predicting Extreme Thermoregulatory Adaptation

SE Riechman, PI, \$29,515

Catapult Seed Grant-CEHD TAMU

The effects of a custom-fitted mouthguard on isometric cervical muscle strength

E Williams, PI, SE Riechman, Co-PI/Mentor, \$1,725

Huffines Institute Student Grant

Doctoral Merit Fellowship: **Benjamin Doyle**

SE Riechman, mentor, 2024

Texas A&M

Previous Extramural

Dietary and Cognitive Characteristics of Elite Esport Athletes and Dairy Interventions to Improve Performance

SE Riechman, PI. \$170,000. 2021-2024

Dairy Max

Impact of Coffee Enhancers on Mental Stimulation and Cognitive Function in Active Career Professionals

S Talcott, PI, Co-PI SE Riechman. \$125,460. 2021-2024

Solside Branding Partners, LLC

Impact of turfgrass species, soil moisture, and mowing height on athlete performance and perceptions

C Straw, PI, SE Riechman Co-PI. \$15,000. 2022-2023

SAFE Foundation

Synbiotic Interactions of Probiotics, Tannase, and Mango Polyphenols in improving Absorption of Anti-Inflammatory Metabolites, Intestinal Health, and Cognitive Function in Obese Adolescent

SU Mertens-Talcott PI, Co-I SE Riechman. \$190,000. 2020-2022

National Mango Board

Dark Sweet Cherry Effects on the Gut Microbiota-Liver-Brain Axis

G Noratto PI, Co-I SE Riechman. \$68,000. 2019-2022

Washington State Fruit Commission

Nutrition, Vision, and Cognition in Sport Study: Beef (IONSport-Beef)

SE Riechman PI. \$98,000. 2019-2021

National Cattleman's Beef Association

Nutrition, Vision, and Cognition in Health Study: Egg (IONHealth-Egg)

SE Riechman PI, Co-I **K Beathard**. \$20,000. 2017-2021

Egg Nutrition Council

Athlete Hydration during Physical Activity in Excessive Heat Conditions on Artificial Turf Versus Natural Grass

C Straw PI, Co-PI SE Riechman. \$5,000. 2021

The Lawn Institute

Nutrition, Vision, and Cognition in Health Study: Egg (IONHealth-Egg), Supplement

SE Riechman PI, Co-I **K Beathard**. \$19,000. 2020-2021

Egg Nutrition Council

Overcoming the Yoyo Effect-Comparison of Long-Term Weight-Loss Programs

SU Mertens-Talcott PI, Co-I SE Riechman. \$130,000. 2018-2020

GOLO, Inc.

Enhancing the Efficacy of Mango Phytochemicals in Cognitive Function and Inflammation in Lean and Obese – The Gut-Brain-Heart Connection. Phase I

SU Mertens-Talcott PI, Co-I SE Riechman. \$300,000. 2018-2020

National Mango Board

I-Corps: Adaptable Speed-Endurance Training Algorithm to Manage Aerobic and Anaerobic Capacity Development

SE Riechman PI, Co-I **N Georghiades**. \$50,000. 2019-2020

National Science Foundation

Do you really need more protein if you exercise?

EE Simmons PI, Co-PI SE Riechman. \$5446. 2016

Experiment.com "Exercise Challenge"

The Effects of Caffeine on the Muscle Protein Synthesis Pathway Post Resistance Exercise

SE Riechman PI, Co-I **S Bui**. \$1,000. 2013

ACSM

PPAR-delta and Resistance Exercise in Obese Adults
SE Riechman PI, Co-I **V Chen**. \$1000. 2012 *TACSM*

Dietary Cholesterol and Resistance Training as Countermeasures to Accelerated Muscle Loss
TV Lee PI, Co-PI SE Riechman. \$5000. 2012 *ACSM/NASA*

Effects of Caffeine on Muscle Protein Synthesis Post Resistance Exercise
S Bui PI, Co-PI SE Riechman. \$9384. 2012 *NSCA*

The Response of Dietary Cholesterol and Resistance Training as Countermeasures to Accelerated Muscle Loss in Rats
TV Lee PI, Co-PI SE Riechman. \$500. 2010-2011 *TACSM*

The Effect of Cholesterol on Protein Synthesis Following High Intensity Muscle Contractions
SE Riechman PI, Co-I JD Fluckey. \$4,600, 2009-2010.
Belovo Inc., Rose Acre Farms, National Pasteurized Eggs and Dutch Farms, Inc.

Specialty Potato as an Effective Delivery Mechanism for Bioactive Carotenoids and Anthocyanins to Promote Energy Balance - An Integrated Approach
J Vanamala PI, Co-I SE Riechman. 2007 (not executed) *USDA*

Summer Research Opportunity for Undergraduate Students (SROP)
SE Riechman PI, Co-I **J Nwachokor**. \$2,000. 2007 *FASEB MARC*

Ph.D. Training Program in Critical Areas of Space Life Sciences
JR Lupton PI, Co-I SE Riechman. \$178,000/yr. 2006-2016 *NSBRI*

Influence of Clinical and Nonclinical Factors on Diabetes Outcomes: A Bi-National Comparison of Mexican Migrants and Mexican-American Immigrants
R Misra PI, Co-I SE Riechman. \$28,700. 2006-2009 *PIMSA*

The Effects of Immediate Post Exercise Protein Ingestion on Protein Synthesis and mRNA Translation after an Acute Bout of Resistance Exercise
SE Riechman PI, Co-I **H Gasier**. \$1,500. 2006-2007 *Gatorade Sport Science Institute*

Egg Cholesterol Consumption, Blood Cholesterol and Skeletal Muscle Hypertrophy
SE Riechman PI. \$40,000. 2005-2007 *U.S. Poultry & Egg Association*

Skeletal Muscle Production and Release of Interleukin-15
SE Riechman (PI). \$5,000. 2004-2005 *Michael L. Pollock Memorial Research Grant*

Molecular Epidemiology of Resistance Exercise Training II-Nutrition
SE Riechman PI. \$5,000. 2003-2005 *Novartis*

Frontiers in Physiology Professional Development Fellowship
SJ Wood PI, Co-PI SE Riechman. \$5,000. 2003 *American Physiological Society*

Genetic Epidemiology of Musculoskeletal Aging
RE Ferrell PI, Co-I SE Riechman. \$2,215,000. 2002-2007 *NIH*

Interleukin-15 Regulation of Growth Hormone Secretion
SE Riechman PI. \$2,000. 2000-2001

Immunex Corporation

Ciliary Neurotrophic Factor and Strength
RE Ferrell PI, Co-I SE Riechman. \$88,092. 1999-2001

Multipurpose Arthritis and Musculoskeletal Diseases Center, NIH

Predictors of Rowing Performance
SE Riechman PI. \$1,600. 1997-1998

Concept II Inc.

Previous Intramural

Secure Technologies for Aggie Researchers (STAR)-One-Time Cloud Research Exploration Fund Award

SE Riechman PI. \$3,000. 2021-2023

Texas A&M University – Division of Research

Exercise as Preventative Chemotherapy for Breast Cancer
SE Riechman PI. \$22,500. 2012-2023

Cancer Research Center

Nutritional Contribution to Adaptations to Visual-Cognitive Tracking Training related to Sport
SE Riechman PI. Undergraduate Scholar Grant. \$15,000. 2017-2023

School of Education and Human Development

Revisiting Total Protein Intake and Timing of Ingestion in Conjunction with Exercise Utilizing Deuterium

EE Simmons PI, Co-PI SE Riechman. \$1,000. 2015

Huffines Institute

Undergraduate Research Scholars

SE Riechman PI, Co-PI **A Schneider**. \$1,000. 2013-2014

TAMU

The Effect of Choline Intake on Acetylcholine Availability and Force Production in Rodent Skeletal Muscle

CW Lee PI, Co-PI SE Riechman. \$1500. 2012

Huffines Institute

The Effects of Resistance Training On PPAR γ and Its Related Proteins in Untrained Lean and Obese Men and Women

VCW Chen PI, Co-PI SE Riechman. \$1500. 2012

Huffines Institute

The Effects of Dietary Cholesterol and Resistance Training as Countermeasures to Accelerated Muscle Loss in Rats

TV Lee PI, Co-PI SE Riechman. \$2,500. 2010

Huffines Institute

Exercise and Memory Consolidation

DL Wright PI, Co-I SE Riechman. \$8000. 2010-2011

Vice President for Research, TAMU

Muscle Protein Synthesis in Pre-Diabetics following High Intensity Muscle Contractions

JD Fluckey PI, SE Riechman Co-I. \$5,000. 2009-2010

Huffines Institute

Differential Proteomics Approach to Identification of Novel Proteins Systemically Released from Contracting but not Resting Skeletal Muscle

SE Riechman PI. \$5,000. 2007

Huffines Institute

Muscle as an Endocrine Gland: The role of contracting muscle on hepatic glucose output

JD Fluckey PI, Co-I SE Riechman. \$5,000, 2007

Huffines Institute

Effect of Cholesterol on Skeletal Muscle Hypertrophy and Protein Synthesis in Rats

HG Gasier PI, Co-PI SE Riechman. \$2,500. 2006-2007

Huffines Institute

PI3K/AKT/MTOR Pathway Associated with Skeletal Muscle Hypertrophy Following Resistance Exercise Training

MA Newman PI, Co-PI SE Riechman. \$1,500. 2006-2007

University of Pittsburgh

Dietary Cholesterol and Markers of Skeletal Muscle Breakdown and Recovery

SE Riechman PI. \$2,440. 2004-2005

Kent State University Research Council

Microarray Analysis of Hypertrophic Skeletal Muscle

SE Riechman PI. 2002. \$48,000

General Clinical Research Center

\$11,500

Obesity and Nutrition Research Center University of Pittsburgh

A Novel Stimulus of Exercise-Induced Growth Hormone Release

SE Riechman PI. 2001. \$22,150

Obesity and Nutrition Research Center, University of Pittsburgh

A Ciliary Neurotrophic Factor (CNTF) Receptor α Genotype Relation to Obesity

SM Roth PI, SE Riechman Co-I. 2001. \$22,150

Obesity and Nutrition Research Center, University of Pittsburgh

Exercise Endozepine Response: Antagonist Effect on Anxiety

SE Riechman PI. \$1,500. 1998-1999

School of Education, University of Pittsburgh

Beta-endorphin/Perception of Exertion with Exercise

IM Dabayeb PI, Co-I SE Riechman. \$1,000. 1997-1998

School of Education, University of Pittsburgh

Paraplegics/Immune Function and Exercise"

SE Riechman PI. \$1,500. 1995-1996

School of Education, University of Pittsburgh

Other Submissions as PI

Interactive Effects of Brainvault Mouthguard and Q-Collar on Maximal Multiplanar Isometric Neck Strength, Muscle Activation, and Fatigue-Induced Strength Loss

SE Riechman, PI, J. Bryan Mann, Co-PI. \$204,240 2025

NOCSAE

Targeted Proposal Teams collaborative Seed Grant: Southern Heat Initiative

SE Riechman, PI, \$59,508

2024

Vice President of Research-TAMU

Effect of exercise training on blood microRNA and cognitive performance

J Correa, PI, SE Riechman, CoPI. \$15,000 2024

NSCA

Tactical Human Performance Laboratory
SE Riechman, PI, Jenna Yentes, PI \$1,578,000 2023 *TAMU-Research Development Fund*

Aviles/Johnson Doctoral Fellowship: **Georgia Albino**
SE Riechman, mentor, 2024 *Texas A&M*

Mentored Research on Physiological and Biochemical Determinants of Performance, Fatigue
and Resilience in High Stakes Environments
SE Riechman, PI. \$156,000 2023 *Beckman Foundation*

Pathways to the Doctorate Fellowship: **Laura Canteri**
SE Riechman, PI 2023 *Texas A&M*

Aviles/Johnson Fellowship: **Laura Canteri**
SE Riechman, PI, 2023 *Texas A&M*

Smart Wearable Integrated Fatigue Tracking (SWiFT)
R. Jafari, PI, Co-PI SE Riechman \$2,300,000. 2022 *DoD-Defense Innovation Unit*

The Role of Lutein, Zeaxanthin, and Fish Oil on Cognitive Function and Bone Health in Healthy
Young Adults.
K. Beathard, PI, SE Riechman Co-PI. \$7,500. 2022-2023. *Huffines Institute*

Muscadine Grape polyphenols in cognitive function.
SU Talcott PI, Co-PI SE Riechman, Co-PI S Talcott. \$287,000. 2022 *Private Industry*

Validation of a Dynamic Algorithm to Monitor Rapid Changes in Hydration during Exercise and Heat
Exposure to be Applied as a Wearable Sensor.
SE Riechman, PI. \$67,000. 2022 *Private Industry*

Impact of beef's unique food matrix on human health – Comparison of leghemoglobin iron and heme
iron on iron status in trained female athletes.
S Smith, PI, SE Riechman Co-PI. \$150,373. 2022-2024 *National Cattleman's Beef Association*

Characterization of local and systemic anabolic effects and the mechanistic action of acute blood flow
restricted resistance exercise
SE Riechman, PI. \$15,000. 2022 *National Strength and Conditioning Association*

Impact of Physical Activity on Cognitive Function with Aging
A Riviere PI, Co-PI SE Riechman. \$10,000 2021 *ACSM-Paffenberger*

Quinoa for Healthy Gut
SE Riechman PI, Co-PI G Noratto. \$72,000. 2018 *USDA*

Applying Multiplex Adaptable Speed-Endurance Training Algorithm to Manage Aerobic, Anaerobic
and Knee Proprioception Adaptation
SE Riechman PI, Co-I **S Little**. \$5,000. 2018 *ACSM*

Randomized Placebo Controlled Trial to Test a Dichotomous Effect of Lactic Acid in Exercise Induced Enhancement of Motor Cortex Excitability and Cognitive Skill Acquisition
SE Riechman, PI. \$73,500. 2016 *Brain Research Foundation*

Revisiting Total Protein Intake and Timing of Ingestion in Conjunction with Exercise Utilizing Deuterium
SE Riechman PI, Co-I **EE Simmons**. \$5,000. 2016 *ACSM*

Timing and Total Protein to Maximize Muscle Protein Synthesis in Trained Athletes
SE Riechman PI, Co-PI **EE Simmons**. \$15,000. 2016 *NSCA*

Simultaneous Measurement of Protein Synthesis and Breakdown in Adapting, Working Muscle: A Factorial Design with Nutritional Manipulation
SE Riechman PI, Co-PI JD Fluckey. \$7600. 2016 *PESCA TAMU*

Impact of Participating in Physical Activity Classes on Academic Performance
SE Riechman PI. \$17,750. 2016 *CEHD TAMU Catapult Grant*

Post-Exercise Egg Consumption and Its Interaction with Total Daily Protein Requirements
SE Riechman PI. \$32,500. 2016 *Egg Nutrition Center*

Revisiting total protein intake and timing of ingestion in conjunction with exercise utilizing deuterium
EE Simmons PI, Co-PI SE Riechman. \$1,500. 2016 *TACSM*

Revisiting total protein intake and timing of ingestion in conjunction with exercise utilizing deuterium
EE Simmons PI, Co-PI SE Riechman. \$5,000. 2016 *ACSM*

PPAR-delta and Resistance Exercise in Obese Adults
SE Riechman PI, Co-PI **V Chen**. \$5000. 2012 *ACSM*

PPAR-delta and Resistance Exercise in Obese Adults
SE Riechman PI, Co-PI **V Chen**. \$10,000. 2012 *NSCA*

Response of Dietary Cholesterol and Resistance Training as Countermeasures
SE Riechman PI, Co-PI **TV Lee**. \$10,000. 2010-2011 *NSCA*

Exercise as Chemotherapy for Breast Cancer
JD Fluckey PI, Co-PI SE Riechman. \$588,085. 2009 *Susan G Koman*

Exercise chemoprevention: identification of a muscle-derived, exercise-induced tumor suppressor protein
SE Riechman PI, Co-I JD Fluckey. \$105,851. 2009 *DOD-CDMRP/BCRP*

Exercise Chemotherapy: Identification of a Tumor Suppressor Protein
SE Riechman PI, Co-I JD Fluckey. \$810,848. 2009 *NIH*

Optimizing Muscle Health with Exercise and Protein Selection
SE Riechman PI. \$123,337. 2009 *Egg Nutrition Council*

Dietary Cholesterol and Resistance Training as Countermeasures to Accelerated Muscle Loss in Humans

SE Riechman PI. \$80,000. 2009

Egg Nutrition Council

Statins, Dietary Cholesterol, and Resistance Exercise Training: Skeletal Muscle Hypertrophy verses Myopathy

SE Riechman PI. \$125,000. 2008

American Heart Association

Statins, Dietary Cholesterol, and Resistance Exercise Training: Skeletal Muscle Hypertrophy verses Myopathy

SE Riechman PI. \$275,000. 2008

NIH

Effects of Dietary Protein and Cholesterol and Flywheel Training on Muscle Strength, Neural Activation, Mass and Anabolic Potential during Simulated Microgravity

JD Fluckey PI, Co-PI SE Riechman. \$1,250,000. 2008

NSBRI

Validation of EchoMRI™ for faster, more sensitive, non-radiation measure of body composition changes with an Exercise/Milk weight loss/muscle gain intervention

SE Riechman PI. \$50,000. 2007

National Dairy Council

Anabolic Milk: The Effects of Milk versus its Protein Isolates on *Total* Muscle Protein Synthesis and Anabolic Signaling in Response to Resistance Exercise

SE Riechman PI. \$50,000. 2007

National Dairy Council

Effects of Dietary Protein Timing and Dietary Cholesterol on Muscle protein Synthesis, Hypertrophy and Function following Standard or Portable Flywheel Training

S Crouse PI, Co-PI SE Riechman. \$1,250,000. 2006

DOD-CDMRP

The Effects of Milk Protein versus Whey and Casein on Rates of Protein Synthesis and Anabolism after an Acute Bout of Dynamic Resistance Exercise

SE Riechman PI. \$20,000. 2006

National Dairy Council

Exercise determinant of responder status to Egg cholesterol consumption

SE Riechman PI. \$25,000. 2006

U.S. Poultry & Egg Association

Other Submissions

Captain Marvel's Kryptonite Antidote: SIRT1 as a Novel Countermeasure Target During Bedrest

J Lawler, PI, SE Riechman, Co-I, \$1,000,000

NASA-HERO

Towards UltraReality: Multisensory, High-Fidelity Simulation for Human Performance in Austere Environments

J Yentes, PD, SE Riechman, Co-PI, \$1,766,163

DOD-DURIP

Protection of Musculoskeletal and Cardiovascular Function During Bedrest by Orion Flywheel Resistive Training: Differentiating Responses in Women vs. Men

JD Fluckey, PI, SE Riechman, Co-I, \$1,000,000

NASA-HERO

Multi-System, Organismal, and Cognitive Approach to Weakness, Fatigue, and Performance to Models of Microgravity, Mixed Space Radiation, and Stress.

J Lawler, PI, SE Riechman CoPI 2023

NASA-NSCOR

RANKL and oxidative stress: positive feedback cycles that amplify skeletal muscle myopathy and wasting

J Lawler, PI, Co-I SE Riechman. 2023

TAMU-ASCEND

Elucidating the role of mTOR dysregulation in metabolism of type 2 diabetic skeletal muscle

J Fluckey PI, Co-I SE Riechman. \$350,000. 2022.

ADA

Exercise is Chemotherapy: The Effect of Skeletal Muscle Exosomes on Cancer Cell Metabolism

J Fluckey PI, Co-I SE Riechman. \$100,000. 2022.

NIH-NCI

Novel Application of Immobilized Tannase to Improve Cognitive Function

S Talcott PI, Co-I SE Riechman. \$650,000.2022

USDA-AFRI

The Impact of Dietary Grape Supplementation and Cognitive Fatigue in Lean or Obese Aging Adults

K Beathard, PI, Co-I SE Riechman \$35,000. 2022

California Table Grape Commission

Beneficial Effects of Hydration and Nutrients from Fresh Watermelon to Acutely Improve Cognitive Functions and Memory

S Talcott PI, Co-I SE Riechman. \$75,000. 2022

National Watermelon Promotion Board

From Mechanisms to Predictions: Coevolutionary Multiscale Dynamics of Cognitive Resilience and Fatigue

R. Mehta, PI, Co-PI SE Riechman. \$5,000,000. 2021

DOD-ARO

Pre-Clinical Detection and Treatment of Age-Related Macular Degeneration

L Coheley PI, Co-PI SE Riechman. \$7,500. 2021

Huffines Institute

DEPTOR Overexpression in Breast Cancer Cells to Control Cancer Proliferation

J Fluckey PI, Co-I SE Riechman. \$443,000. 2021

DOD

Gut Microbial Cross-talk with Skeletal Muscle and Cardiovascular Remodeling with Unloading and Heavy Ion Radiation

J Lawler PI, Co-I SE Riechman. \$750,000. 2020

NASA

Impact of Beef's Unique Food Matrix on Human Health – Comparison of Protein-Lipid Matrix for Imitation Beef Protein and Beef Protein

SB Smith PI, Co-I SE Riechman. \$197,597. 2020

National Cattleman's Beef Association

Glycomacropetides: Bifidogenic properties and effects on gut liver brain axis

G Noratto PI, Co-I SE Riechman. \$77,890. 2019

National Dairy Council

Genetic Modifications of mTOR Activation in Epithelial Cancer Cells for the Control of Cancer Proliferation

JD Fluckey PI, Co-I SE Riechman. \$200,000. 2018

CPRIT

Wearable Dehydration Monitoring Using Bio-Impedance Spectroscopy R Jafari PI, Co-PI <u>SE Riechman</u> . \$30,000. 2018	<i>TAMU</i>
Blood Flow Restriction Therapy to Prevent Atrophy and Preserve Function in Injured and Rehabilitating Populations BS Lambert PI, Co-I <u>SE Riechman</u> . \$2,368,000. 2017	<i>NIH</i>
Development of Innovative Imaging or Other Technologies to Measure Individuals Dietary Intakes P Yu PI, Co-I <u>SE Riechman</u> . \$1,480,000. 2016	<i>Bill and Melinda Gates Foundation</i>
Cancer Primary Prevention Training Grant R Chapkin PI, Co-I <u>SE Riechman</u> . \$1,000,000. 2016	<i>CPRIT</i>
Changes in Insulin Regulated Glucose Uptake through the Inhibition and Activation of Ckix and MTOR Medicated Deptor Degradation in Cell Culture Myofibers JD Fluckey PI, Co-I <u>SE Riechman</u> . \$1,000. 2014	<i>ACSM</i>
AHA Strategically Focused Prevention Research Network. Texas A&M Prevention Center for Cardiovascular Health J Lawler PI, Co-I <u>SE Riechman</u> . \$275,000. 2014	<i>AHA</i>
Exercise and the Prevention of Ovarian Cancer recurrence: How much is enough? R Schmandt PI, Co-I <u>SE Riechman</u> . \$500,000. 2013	<i>NIH</i>
Predictors of Diabetic Wound Healing by Racial/Ethnic Categories R Misra PI, Co-I <u>SE Riechman</u> . \$2,980,222. 2011	<i>NIH</i>
Optimizing Stress Response by Combining Targeted Nutraceuticals and Exercise Training: Translational Approach to Attenuating Muscle Proteolysis, Atrophy, and Weakness J Lawler PI. Co-I <u>SE Riechman</u> . \$1,200,000. 2010	<i>NASA</i>
Effects of Dietary Protein and Cholesterol and Flywheel Training on Muscle Strength, Neural Activation, Mass and Anabolic Potential during Simulated Microgravity JD Fluckey PI, Co-I <u>SE Riechman</u> . \$1,200,000. 2007	<i>NSBRI</i>

PROFESSIONAL ACTIVITIES

Professional Membership

American Society of Nutrition	2020-present
National Strength and Conditioning Association- Professional Member	2010-present
Fellow-American College of Sports Medicine	2010-present
American College of Sports Medicine (Texas Region)	2008-present
American Physiological Society	2000-present
American Association for the Advancement of Science	2000-present
American College of Sports Medicine	1995-present
American College of Sports Medicine (Mid-Atlantic Region)	1995-2005

Service

CEHD Council of Principle Investigators	2019-21, 25-28
KNSM Awards Committee	2025-2027
Huffines Programmatic Grant reviewer	2025
Food Science & Nutrition Summer Research Experience For HS Teachers	2025
KNSM Awards Committee	2025
NUTR Undergraduate Research Scholarship Committee Chair	2025
KNSM Strategic Planning Committee	2024
KNSM PhD curriculum revision committee	2024
" Aggies Invent-Parathlete " (Engineering) Coordinator, mentor, judge	2023-2024
Faculty Development Leave Committee-ad hoc member	2023
CAAHEP/CoAES Program accreditation committee	2023-2025
CASCE Program accreditation committee	2023-2025
University Grievance Committee (UGC-Faculty Affairs)	2023-present
Tactical Athlete Summit Steering Committee	2023-2024
Huffines Institute Advisory Board	2023-2024
Huffines Institute Director Search Committee	2023
Academic Program Review, U. of Arkansas, External Reviewer	2023
UCI Paracycling Racing Planning Committee	2023-2024
Coaching Minor Revision Committee	2023
Aggieland Saturday tours	2023-2024
A1 Revision Committee, KNSM	2023
Department Head Search Committee, KNSM	2023
Chair, Tenure Track Faculty Search Committee (2 positions)	2021-2022
Department of Nutrition and Food Science- Graduate Program Committee	2012-2025
Tenure and Promotion Committee, Health and Kinesiology	2011-present
Graduate Faculty of Nutrition-Curriculum Review Committee	2010-2024
Applied Exercise Physiology Professional Phase Committee	2005-present
Graduate Faculty Committee, Health and Kinesiology	2006-present
Division of Kinesiology MS Assessment Committee	2016-2020
Nutrition and Food Science Distinguished Lecture Series Committee	2015-2019
Division of Kinesiology Undergraduate Curriculum Committee	2015-2018
Division of Kinesiology Graduate Curriculum Committee	2015-2018
Reed Undergraduate Scholarship Committee, TAMU Health & Kinesiology	2007-2010, 2018

“Aggies Invent-Sport” (Engineering) Coordinator, mentor, judge	2016
Dept. of Nutrition and Food Science, Academic Program Review committee	2016
Dept. of Health and Kinesiology Travel Award Committee	2015-2016
Difficult Dialogues Training, TAMU	2015
Physician Assistant Program Development Committee	2015
Dept. of Health and Kinesiology Academic Program Review Committee	2015
Dept. of Health and Kinesiology Senior Scientist Search Committee	2015
Division of Health Faculty Search Committee	2014
Division of Health Post-doc Search Committee	2014
TAMU club advisor- Aggie Bodybuilders	2008-2014
External Review for Tenure and Promotion. Mississippi State University	2013
EHS Laboratory Safety Committee, Texas A&M University	2010-2013
CEHD, Graduate Instruction Committee	2010-2012
Texas Human Nutrition Conference Committee	2010-2012
Texas ACSM annual conference- Manuscript competition judge	2011
Sport Physiology Admissions Director	2011
Intercollegiate Faculty of Nutrition-Transition Committee	2010-2011
Intercollegiate Faculty of Nutrition, Academic Program review committee	2010-2011
Mayor’s Council on Fitness, College Station, TX	2008-2011
Space Explorers International Challenge	2010
Texas ACSM annual conference- Master’s poster competition judge	2010
Space Life Science Fellowship selection committee	2010
Huffines Institute Student/Faculty grant reviewer	2008-2009
Search Committee, Sports Management, TAMU	2008-2009
Student Research Week, TAMU, In-field Judge	2006-2007
Exercise Physiology Search Committee, TAMU	2005-2006
Institutional Review Board, Kent State University	2004-2005
Curriculum Committee, School of Exercise Leisure and Sport	2003-2004
Graduate Studies Committee, School of Exercise Leisure and Sport	2002-2004
Commencement, School of Exercise Leisure and Sport	2002-2004
Participant, National Study of Postsecondary Faculty	2004
Volunteer research host: Frontiers in Physiology, Undergraduate	
• Summer Research Fellowship Programs, American Physiological Society	2002-2004

Discipline Related Community Service and Consulting

Nationally licensed youth soccer coach serving Bryan/College Station, TX	2007-2020
A&M Consolidated High School Girls’ Cross-Country, Sports Nutrition	2008
Consultant/Expert, www.clevelandseniors.com , skeletal muscle/aging	2004-2008
Consultant, Contributing Author, Three Rivers Rowing Association	1996-1999

Texas A&M Affiliations

Texas A&M Center for Environmental Health Research	2025-present
Institute for Advancing Health Through Agriculture	2022-present
Texas A&M Institute of Data Science	2019-present
• Digital Twin Interest Group	2023-present
• Student Ambassador (Sean Stanelle)	2023-2024

Huffines Institute for Sports Medicine and Human Performance	2005-present
• Associate Director	2024-present
Center for Translational Environmental Health Research	2014-2018
Institute for Obesity Research and Program Evaluation	2006-2014

Reviewer

Journal

Frontiers in Nutrition (2024-present Associate Editor)
Amino Acids (2020-present Associate Editor)
Applied Ergonomics
Archives of Internal Medicine
British Journal of Sports Medicine
Canadian Journal of Applied Physiology
Endocrinology
European Journal of Clinical Nutrition
European Journal of Applied Physiology
Frontiers in Physiology
Journal of Applied Physiology
Journal of Clinical Endocrinology and Metabolism
Journal of Diabetes and Its Complications
Journals of Gerontology Series A: Biological Sciences and Medical Sciences
Journal of Nutrition
Journal of Nutrition Health and Aging
Journal of Sport Sciences
Journal of Sports Medicine and Physical Fitness Research
Medicine and Science in Sport and Exercise
Muscle & Nerve
Physiological Genomics
Sports Medicine and Health Science
Vascular Medicine

Book

Lippincott Williams & Wilkins. First edition of *Exercise Physiology: Integrated from Theory to Practical Application* by William Kraemer and Steve Fleck (2007-2008, 2010).

CRC Press. 2nd edition of *Amino Acids: Biochemistry and Nutrition. "Dietary Requirements of Amino Acids"* by Guoyao Wu (2021).

Grant

United States Department of Agriculture. Small Business Innovation Research Program, Food Science and Nutrition. Phase I proposals. USDA-NIFA-SBIR-003497, 2012.

Tenure and Promotion

Benjamin Wax, Mississippi State University, Assistant to Associate Professor, 2013

Ty Palmer, Texas Tech University, Assistant to Associate Professor, 2021
Yasuki Secheguchi, Texas Tech University, Assistant to Associate Professor, 2025
Cory Smith, Baylor University, Assistant to Associate Professor, 2025

ADMINISTRATIVE EXPERIENCE

Chair, Division of Kinesiology: (2015-2018) Lead 29 faculty (17 tenure track) and \$3 million budget of one of the top-tiered programs in Kinesiology in the country. Directed the major overhaul of the Kinesiology curriculum that emphasized all programs requiring specific core knowledge and added lab courses to all senior level classes in Exercise Physiology and Motor Neuroscience. Vastly expanded graduate assistantship availability and stability through teaching senior level lab courses. These changes were instrumental in streamlining the pursuit of CAAHEP/CoAES and CASCE program accreditation.

Chair, Graduate Program in Nutrition: (2018-2020) Set directives of sub-committees on curriculum, recruiting, and graduate assistantships while also serving on some of the sub-committees. Have served on several sub-committees (2010-present) and the executive committee (2014-present) continuously since 2010 contributing and leading several major changes in the program. Working with senior administration (2020) with the separation of Nutrition and Food Science programs and formation of the Institute for Advancing Health Through Agriculture.

Director, Dual Masters in Kinesiology and Nutrition: (2016-present) Designed and acquired all administrative approvals for unique academic program. Currently, coordinate the admissions, programs of study, assignment of advisors and internships across two colleges.

Strategies and Tactics to Improve Diversity and Excellence (STRIDE): Training received as part of serving on faculty recruiting and hiring committees.

Senior Exercise Program Director: (2002-2003) Directed the activities of the KSU senior exercise program, a service outreach program, that serves 50-70 men and women over the age of 60.

Laboratory Coordinator: (1996-1999) Coordinated operations in the Human Energy Research Laboratory. Maintained lab supplies and equipment for classes and research.

University of Pittsburgh Wellness Program: (1995-1999) Conducted weekly stress testing, lipid profiling, body composition, dietary evaluation, and exercise prescription. Coordinated regular university-wide health seminars. 200 active participants.

Fitness Center Administration: (1995-1999) Directed campus fitness facilities including purchasing, maintaining equipment, and managing employee training, scheduling, and payroll.

HONORS

CEHD Senior Scholar Award, TAMU	2024
College of Engineering Genesis Award, TAMU	2023
NSF I-CORPS Regional program selection	2017
John J. Koldus Award, nominated by graduate students	2010
Research Career Enhancement Award, American Physiological Society	2007
Montague Center for Teaching Excellence Award Nominee	2007
Kent State University Mortar Board Faculty Mentor recognition	2004
Kent State University Honors College Faculty recognition	2004
Kent State University Teaching Scholar	2003
Travel award: "Genomics: A unified approach to solving diverse problems in health and disease." Sponsored by the FASEB MARC Program (\$1,000.00)	2002
Post-Doctoral Poster Award, Genome and Hormone Conference American Physiological Society (\$250.00)	2001
Outstanding student, University of Pittsburgh Honors Convocation	1999
Outstanding student, University of Pittsburgh Honors Convocation	1998
Doctoral Fellowship Award, School of Education, (\$5,000.00)	1998
Doctoral Fellowship Award, Health, Physical Education Dept. (\$2,500.00)	1997
Doctoral Fellowship Award, School of Education, (\$2,500.00)	1997

TEACHING

Coursework

Undergraduate Teaching

	<u>Years</u>	<u>Role</u>	<u>Institution</u>
Pain (Honors Capstone)	2021	Mentor	TAMU
University Honors	2021	Primary	TAMU
Sport Psychology	2019-25	Primary	TAMU
Sports Nutrition	2010-25	Primary	TAMU
Therapeutic Principles	2010-21	Primary	TAMU
Directed Research Study	2005-25	Primary	TAMU
Nutrition and Society	2017-19	Guest	TAMU
Exercise Physiology	2005-07, 24-25	Primary	TAMU
Senior Exercise Practicum	2003	Primary	KENT
Measurement and Evaluation	2002-05	Primary	KENT
Individual Investigation	2002-05	Primary	KENT
Directed Research Study	1996-02	Primary	PITT
Exercise Physiology	1998	Primary	PITT
Human Physiology	1997-98	Section	PITT

Graduate Teaching

	<u>Years</u>	<u>Role</u>	<u>Institution</u>
Environmental Exercise Physiology	2026	Primary	TAMU
Nutrition in Sport and Exercise	2022	Guest	TAMU

Nutrition in Sport and Exercise	2010-21	Primary	TAMU
Directed Research Study	2006-25	Primary	TAMU
Nutritional Pharmacokinetics	2018-23	Guest	TAMU
Technology and Data Analytics in Sport	2019	Primary	TAMU
Physiology of Strength and Conditioning	2007-18	Primary	TAMU
Applied Exercise Physiology	2006-17, 26	Primary	TAMU
Laboratory Techniques	2011-13	Primary	TAMU
Graduate Teaching Practicum	2008-13	Primary	TAMU
Nutrition, Exercise and Muscle Seminar	2010	Primary	TAMU
Kinesiology Seminar	2007, 24	Primary	TAMU
Interdisciplinary Seminar in Gerontology	2004	Section	KENT
Research Processes in Exercise	2003-05	Primary	KENT
Physical Activity Epidemiology	2003-04	Section	PITT
Research Seminar in Exercise Science	2002-05	Section	KENT
Individual Investigation	2002-05	Primary	KENT
Research Design in Exercise Science	2001-02	Section	PITT
Directed Research Study	1996-02	Primary	PITT
Exercise Specialist Workshop [§]	1998-99	Section	PITT
Advanced Exercise Physiology	1996-99	Section	PITT
Advanced Laboratory Techniques	1995-99	Section	PITT

[§] (ACSM Exercise Specialist certification)

Development

Curricular Development:

- Developed a graduate class “Technology and Data Analytics in Sport Performance” to meet the growing needs for Sport Physiologists to have these skills in their job setting (2019).
- Developed a graduate online class “Basic Biology of Performance” that integrated the major sub-disciplines in Kinesiology related to sport performance. The target audience is performance coaches who cannot leave their jobs to attend graduate school and may not have a strong foundation in Kinesiology. I lead a team of faculty who all contributed their sub-discipline expertise to the class (2016-2018).
- Lead a complete overhaul of the Undergraduate program in Kinesiology. The driving principle was establishing a common body of knowledge for all degree programs. The major changes included elimination of a degree program that had few core knowledge components and establishing a new program that would be ideal for those interested in sport performance. Other major contributions include establishing for the first-time senior laboratory courses in Exercise Physiology and Motor Neuroscience (2015-2018).
- Primarily responsible for the development of a dual Master’s in Kinesiology and Nutrition at Texas A&M University (2008-2010).
- Central role in the overhaul of the undergraduate, master’s and Doctoral program in Exercise Physiology at Kent State University (2002-2004).

Teaching Scholars Program:

- As a member of this program in 2003-2004, I participated in bimonthly meetings on advanced teaching techniques with other scholars. I also attended two conferences on College Teaching (Lilly, Miami and Lilly, Pomona) and presented “Engaging Today’s Students”, a collaborative effort of KSU Teaching Scholars.

Graduate Gerontology Certificate:

- Served (2003-2004) on the Advisory Committee for the Graduate Gerontology Certificate program, a joint program between Kent State and Akron University. The committee oversaw the admissions standards, program requirements, strategic planning and marketing, evaluated students applying for admission, and helps to resolve students’ dilemmas.

Student Research Advising/Mentoring**Doctoral Students****Chair (active)**

Joel Correa, Exercise Physiology, TAMU, 2022-

Austin Burmeier, Exercise Physiology, TAMU, 2023-

Robert Nate Young, Exercise Physiology, TAMU, 2023-

Francisco Aguilar, Exercise Physiology, TAMU, 2024-

Eddie Williams, Exercise Physiology, TAMU, 2024-

- Sport Science Fellow
- Huffines research grant

Benjamin Doyle, Exercise Physiology, TAMU, 2024-

- Merit Fellow
- 1st, Computational and Data Sciences, Student Research Week (2025) "AI-Driven Insights from the NFL Scouting Combine: Novel Approaches for Talent Identification".

Stephanie Lanham. TAMU, 2025-

Blake Conners, TAMU, 2025-

Faith Ford. TAMU 2025-

Chair (graduated)

Sean Stanelle, Exercise Physiology, TAMU, 2022-2025

Karen Beathard, Nutrition, TAMU, 2017-2021

- Co-I “Nutrition, Vision, and Cognition in Health Study: Egg” Egg Nutrition Council
- Faculty, Department of Nutrition, Texas A&M University

Erin Simmons, Nutrition, TAMU, 2014-2018

- Dissertation “Integration of Total Daily Protein Intake And Timing Of Protein Supplementation On Muscle Anabolism During Simulated Elite Athlete Training In Fit Young Males”
- PEO Scholar Award, National finalist 2015
- Research Physiologist, Department of Defense, Navy Experimental Diving Unit, Panama, FL, 2018-current
- Faculty, Florida State University, 2021-2022

Vincent Chen, Exercise Physiology, TAMU, 2007-2017

- Dissertation “Dietary Lipids, Lipid Regulation, and Resistance Exercise Training Responses”
- North America Taiwanese Engineering & Science Association Scholarship 2015
- Institute of Medicine and the National Academy of Engineering Health Data Collegiate Challenge, 1st place 2013
- Recipient of Michael L Pollock student scholarship-ACSM 2010
- Assistant Professor of Exercise Science, Georgia Court University 2017-current

Chang Woock Lee, Exercise Physiology, TAMU, 2006- 2016

- Dissertation “The Effects Of Dietary Choline On Muscle Responses To Resistance Exercise In Older Adults”
- Assistant Professor, University of Houston-Victoria

Teak V. Lee, Exercise Physiology, TAMU, 2007-2015

- Dissertation “Dietary Cholesterol And Resistance Training As Countermeasures To Accelerated Muscle Loss”
- Recipient of National Space Biomedical Research Institute Fellowship 2007-2009
- American College of Sports Medicine Texas Regional Chapter 2010 Student Research Development Award
- Assistant Professor, Los Angeles Pierce College, 2015-current

Steve Bui, Exercise Physiology, TAMU 2008-2015

- Dissertation “The Effects Of Caffeine Intake On Muscle Protein Synthesis And The Change In Lean Mass Following Resistance Exercise”
- Recipient TAMU Merit Scholarship 2008-2009
- NSCA grant awardee
- Assistant Professor, Dixie State University, 2015-current

Heath Gasier, Exercise Physiology, TAMU, 2005-2009

- Recipient of a Navy Physiologist Fellowship 2006
- Research Physiologist, Naval Submarine Medical Research Laboratory, 2009-2013
- Department of Military and Emergency Medicine, Uniformed Services University of the Health Sciences, MD, 2014-2018.
- Assistant Professor in Anesthesiology, Center for Hyperbaric Medicine and Environmental Physiology, Duke University, 2019-present.

Committee (active)

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
Kuanting Chen	2025-	Motor Neuroscience	TAMU
Drew Smith	2024	Kinesiology	TAMU
Joo Kim	2024	Exercise Physiology	TAMU
Miriam Othman	2022-	Exercise Physiology	TAMU

Committee (graduated)

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
Patrick Ryan	2017-2024	Exercise Physiology	TAMU
Sarah K. Kirshner	2017-2023	Exercise Physiology	TAMU
Selina Uranga	2017-2023	Exercise Physiology	TAMU
Matthew Bird	2019-2022	Exercise Physiology	TAMU
Colleen O'Reilly	2016-2022	Exercise Physiology	TAMU
Jessica Cardin	2012-2021	Exercise Physiology	TAMU
Ariela B. Thomas	2017-2020	Nutrition	TAMU
Ryan Sowinski	2015-2019	Nutrition	TAMU
Mike Byrd	2008-2017	Exercise Physiology	TAMU
Brittany Sanchez	2011-2017	Exercise Physiology	TAMU
Adam Kieffer	2013-2016	Nutrition	TAMU
Amanda Davis	2010-2016	Exercise Physiology	TAMU
Yanghoon Jung	2012-2016	Exercise Physiology	TAMU
John Flores McGlaughlin	2008-2016	Health Radiation Biology	TAMU
Dustin Joubert	2011-2015	Exercise Physiology	TAMU
Deepesh Khanna	2011-2015	Exercise Physiology	TAMU
Rachel Bothlett	2011-2015	Nutrition	TAMU
Elfego Galvan	2011-2015	Exercise Physiology	TAMU
Kyle Levers	2011-2015	Exercise Physiology	TAMU
Justin Dobson	2009-2015	Exercise Physiology	TAMU
Brittanie Lockard	2010-2014	Exercise Physiology	TAMU
Claire Canon	2010-2014	Exercise Physiology	TAMU
Brad Lambert	2008-2013	Exercise Physiology	TAMU
Julie Culbertson	2008-2013	Exercise Physiology	TAMU
Ghazel Ghahramany	2009-2012	Nutrition	TAMU
Michelle Mardock	2009-2012	Exercise Physiology	TAMU
Jonathan Oliver	2008-2012	Exercise Physiology	TAMU
Nic Greene	2007-2012	Exercise Physiology	TAMU
Deepesh Khanna	2010-2011	Exercise Physiology	TAMU
Denis Soares	2008-2011	Educational Psychology	TAMU
Micheal Wiggs	2007-2011	Exercise Physiology	TAMU
Jong He Kim	2004-2009	Exercise Physiology	TAMU
Mats Nilssen	2004-2009	Exercise Physiology	TAMU
Steve Martin	2007-2008	Exercise Physiology	TAMU
Mark Newman	2004-2008	Exercise Physiology	PITT
Hyo-Bum Kwak	2006-2007	Exercise Physiology	TAMU

Other

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
Laura Canteri	2023	Exercise Physiology	TAMU
Nicos Georghiades	2018-2021	Exercise Physiology	TAMU
• Texas A&M University Student Research Week, 2nd place 2017 • Co-I “Nutrition, Vision, and Cognition in Sport Study: Beef” National Cattleman’s Beef Association • Co-I National Science Foundation, I-CORPS program			
Megan Humphries	2022	Exercise Physiology	TAMU

Caroline Sullivan	2016-2017	Exercise Physiology	TAMU
• Diversity Fellowship awardee			
Heather Davis	2012-2015	Educational Psychology	TAMU
Kimberly Paulhill	2010-	Nutrition	TAMU
Anita Mantri	2010	MD/PhD	TAMU
Gentle Chikani	2007-2009	Nutrition	TAMU
Greg Miller	2006-2008	Exercise Physiology	TAMU
Stephen Hammer	2005	Exercise Physiology	KSU
Ronald Otterstetter	2004	Exercise Physiology	KSU
David Kean	2005	Exercise Physiology	KSU

Master's Students

Chair (active)

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
Caitlyn Cody	2023-	Nutrition/Kinesiology	TAMU
Mobi Martin-Diala	2023-	Kinesiology	TAMU

Chair (graduated)

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
Erik Roma	2022-2024	Exercise Physiology	TAMU
Logan Aitken	2021-2023	Nutrition/Kinesiology	TAMU
Jenna Goulart	2021-2023	Nutrition/Kinesiology	TAMU
Aaron Riviere	2020-2023	Nutrition/Kinesiology	TAMU
Rita Chyou	2020-2022	Exercise Physiology	TAMU
Aaron Shipp	2021-2022	Nutrition	TAMU
Katie Kuhlmann	2020-2021	Nutrition/Kinesiology	TAMU
Lucas Ketelaar	2019-2020	Sport Physiology	TAMU
Triana Orozco	2017-2019	Exercise Physiology	TAMU
Ivan A. Marquez	2017-2018	Sport Physiology	TAMU
Zachary Ginnings	2014-2016	Exercise Physiology	TAMU
Christina Amo	2014-2016	Exercise Physiology	TAMU
Sarah E. Pledger	2015-2016	Exercise Physiology	TAMU
Benjamin Khosravi	2013-2015	Exercise Physiology	TAMU
Sara Safdari	2013-2015	Exercise Physiology	TAMU
Teresa Mccurdy	2013-2015	Exercise Physiology	TAMU
Sarah Renaghan	2012-2014	Exercise Physiology	TAMU
John Remmert	2012-2014	Exercise Physiology	TAMU
Andrew Hauch	2007-2009	Exercise Physiology	TAMU
Jordan Perkins	2007-2009	Nutrition	TAMU
Jasmine Gonzalez	2008-2009	Exercise Physiology	TAMU
Krupa Mehta	2007-2008	Exercise Physiology	TAMU
Ryan Andrews	2003-2005	Exercise Physiology	KSU
Ryan Andrews	2003-2005	Human Nutrition	KSU

Committee (active)

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
Brooke Williams	2023-	Animal Science	TAMU
Alex Drummond	2021-	Sport Physiology	TAMU
Micah Kaemmerling	2021-	Exercise Physiology	TAMU

Committee (graduated)

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
Cary M. Higgins	2023-2024	Motor Neuroscience	TAMU
Lide Su	2022-2024	Computer Engineering	TAMU
Erik Roma	2022-2024	Exercise Physiology	TAMU
Mattie Higgins	2022-2024	Motor Neuroscience	TAMU
Opeyemi E. Alabi	2022-2023	Soil and Crop Science	TAMU
Pier Semanchik	2022-2023	Animal Science	TAMU
Conlan Burbrink	2020-2022	Soil and Crop Science	TAMU
Alexa Gutierrez	2020-2021	Exercise Physiology	TAMU
Melanie Mascorro	2019-2021	Nutrition	TAMU
Reagan Miller	2018-2020	Exercise Physiology	TAMU
Christian Mikkelsen	2018-2020	Exercise Physiology	TAMU
Armondo Santilli	2018-2020	Exercise Physiology	TAMU
Jordon Ross	2017-2019	Exercise Physiology	TAMU
Stephen M. Snyder	2017-2019	Exercise Physiology	TAMU
Chaz Bracci	2017-2019	Exercise Physiology	TAMU
Shannon Lloyd	2016-2018	Nutrition	TAMU
Ashley M. Heriot	2016-2018	Exercise Physiology	TAMU
Dhalston Cage	2016-2018	Exercise Physiology	TAMU
Bryce Siecko	2015-2017	Exercise Physiology	TAMU
Joshua Teo	2015-2017	Exercise Physiology	TAMU
Dinah A. Rodriguez	2015-2017	Exercise Physiology	TAMU
Ji Seong Jo	2014-2017	Exercise Physiology	TAMU
Zachary Junkin	2015-2016	Exercise Physiology	TAMU
Justus Schafer	2015-2016	Exercise Physiology	TAMU
Zachary Ganger	2014-2016	Exercise Physiology	TAMU
Ashlynn Blessing	2014-2016	Educational Psychology	TAMU
Rohan Kolte	2014-2016	Exercise Physiology	TAMU
Song Yi Shin	2014-2016	Exercise Physiology	TAMU
Teresa R. McCurdy	2014-2016	Exercise Physiology	TAMU
Abigail O'Conner	2013-2015	Nutrition	TAMU
Ting Guo	2012-2015	Nutrition	TAMU
Cody Dukquits	2013-2015	Sport Physiology	TAMU
Scott Battley	2013-2015	Sport Physiology	TAMU
Michael Laguros	2013-2015	Exercise Physiology	TAMU
Olusegun Ayadi	2013-2015	Exercise Physiology	TAMU
Charles Bingaman	2013-2015	Sport Physiology	TAMU
Grant Chappell	2013-2015	Sport Physiology	TAMU
Clayton Cruthirds	2013-2015	Exercise Physiology	TAMU

Navina Bhatkar	2012-2014	Nutrition	TAMU
Tamren Terhune	2012-2014	Nutrition	TAMU
Kale-ane Igboh	2012-2014	Exercise Physiology	TAMU
Emily Brockelman	2012-2014	Exercise Physiology	TAMU
Ben Tipton	2012-2014	Exercise Physiology	TAMU
Samantha Springer	2012-2014	Exercise Physiology	TAMU
Sheril Marek	2012-2014	Exercise Physiology	TAMU
Kyrie Gramling	2012-2013	Exercise Physiology	TAMU
Courtney Stefan	2011-2013	Animal Science	TAMU
Tim Twarog	2011-2013	Exercise Physiology	TAMU
Kathryn Drinkwater	2011-2013	Nutrition	TAMU
Himanshu Kaushik	2011-2013	Exercise Physiology	TAMU
Anne Maci	2011-2013	Exercise Physiology	TAMU
Clay Duval	2011-2013	Exercise Physiology	TAMU
Tracie Blair	2011-2013	Nutrition	TAMU
Rachel Cutts	2011-2013	Exercise Physiology	TAMU
Rachel Cutts	2011-2013	Nutrition	TAMU
Charles Vail	2011-2013	Exercise Physiology	TAMU
Sarah Hoffman	2011-2013	Exercise Physiology	TAMU
Yangyang Zhang	2012-2013	Exercise Physiology	TAMU
Deepesh Khanna	2010-2011	Exercise Physiology	TAMU
Zubaida Qamar	2010-2011	Nutrition	TAMU
Sanjay Nair	2007-2010	Electrical Engineering	TAMU
David Trevino	2007-2009	Exercise Physiology	TAMU
Aaron Carbuhn	2007-2009	Nutrition	TAMU
Aaron Carbuhn	2007-2008	Exercise Physiology	TAMU
Connie Rogers	2003	Epidemiology	PITT
Ashley Smith	2003	Epidemiology	PITT

Other

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
Jisun Chun	2021-2023	Nutrition/Kinesiology	TAMU
McKenna Daulton	2019-2020	Nutrition/Kinesiology	TAMU
Sean Giguere	2003-2005	Exercise Physiology	KSU
Karen Filkens-Sanders	2003-2005	Gerontology	KSU
Vicki Doe	2003-2005	Exercise Physiology	KSU
Elizabeth Roth	2003-2005	Exercise Physiology	KSU
Leigh Murray	2003-2005	Exercise Physiology	KSU

Undergraduate Mentoring

Teaching/Honors

	<u>Years</u>	<u>Program</u>	<u>Institution</u>
Saman Siddiqui	2021-2022	LAUNCH Capstone	TAMU
Maria Cuevas	2021-2022	LAUNCH Capstone	TAMU
Jacqueline Berenis	2021-2022	LAUNCH Capstone	TAMU
Brian Hinojos	2021-2022	LAUNCH Capstone	TAMU

Nikita Patel	2020-2022	Honors Teacher Capstone	TAMU
Amanda Mockaitis	2021	University Honors	TAMU
Alexandra Schneider	2013-2014	Honors Research Scholar	TAMU
Thesis: “Direct exercise metabolite inhibition of breast cancer cell growth”			

Research Supervision

Names withheld	2011-2025	>200 students Psychology Engineering Kinesiology Biomedical Sciences Health Education Nutrition	TAMU
Names withheld	2006-2010	56 students Kinesiology	TAMU
Names withheld	2002-2005	19 students Kinesiology	KSU
Names withheld	1996-2002	28 students Kinesiology	PITT