

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 <i>Tactical Human Performance Laboratory Director, Texas A&M University</i>	2024-present
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
Associate Professor with tenure <i>Department of Health and Kinesiology, Texas A&M University</i>	2011-present
<i>Graduate Faculty of Nutrition, Texas A&M University</i>	2011-present
Assistant Professor <i>Department of Health and Kinesiology, Texas A&M University</i>	2005-2011
<i>Intercollegiate Faculty of Nutrition, Texas A&M University</i>	2006-2011
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
Health, Physical, Recreation Education Department
Human Energy Research Laboratory, University of Pittsburgh 1995-1999

Research Specialist
Dept of Pathology, Brain, Behavior & Immunity Center, U of Pittsburgh 1993-1994

BIBLIOGRAPHY (Primary Advisees in Bold)

Pending Bibliography

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. (In revision: *British Journal of Sports Medicine* 8/2023).

Riviere A, **NC Georghiades**, **M Mascorro**, **C Sullivan**, SE Riechman. Mineral intake and sex affect visual processing speed in healthy young adults. (Submitted: *Food Science and Nutrition* 12/2023).

Simmons EE, **NC Georghiades**, 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. (Submitted: *British Journal of Nutrition* 11/2023).

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: *Sports Engineering* 3/2024)).

de Almeida-Neto PF, D Gama de Matos, LF da Silva, AB de Morais Ferreira, B Guilherme de Araújo, SE Riechman, T Cabral. Use of artificial neural networks to verify the interaction of biological maturation with morphological and neuromuscular discriminating factors of young elite athletes from different sports. (Submission pending).

de Almeida-Neto PF, D Gama de Matos, LF da Silva, AB de Morais Ferreira, B Guilherme de Araújo, SE Riechman, T Cabral. The Weight Game in Junior Rowing: Strength, Power, and Speed Performance Analysis (Submitted Feb 2024, *Journal of Sport Science*).

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).

A Riviere, **N Georghiades**, SE Riechman. Controlled Beef Intervention and Visual Cognitive Performance in Women. (Submission pending).

Beathard K, **J Goulart**, **A Riviere**, SE Riechman. Egg dietary intervention and Visual Cognitive performance. (Submission pending).

Arbizu Berrocal SH, SE Riechman, GD Noratto Stevens. Effect Of Dark Sweet Cherry Juice Consumption On Cognitive Function, Neuropeptides And Circadian Rhythm In Obese Adults: A Randomized Controlled Trial. (Submission pending).

Kim H, KB Kiefer, NN Merchant, SE Schmidt-Combust, 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).

Refereed Publications

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. (Accepted: *American Journal of Physiology-Cell Physiology* 12/2023).
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>
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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>
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19. **Gasier HG**, SE Riechman, MP Wiggs, SF Previs, JD Fluckey. A comparison of ²H₂O 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>
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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

Published Abstracts

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*).
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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>
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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
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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
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14. Riechman SE, IM Dabayeb, 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 Dabayeb, 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 Dabayeb, 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 Dabayeb, 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 Dabayeb, 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

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 Stanzaski, 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.
- Stanzaski TL, CL Sullivan, KN Elmendorf, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, NC Georghiades, 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 Stanzaski, JM Rutan, Y Nieto, NC Georghiades, 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 Stanzaski, JM Rutan, Y Nieto, NC Georghiades, 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.
- Georghiades NC, CL Sullivan, KN Elmendorf, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, TL Stanzaski, 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.
- Georghiades NC, CL Sullivan, KN Elmendorf, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, TL Stanzaski, 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 Stanzaski, CJ Zachry, ZS Jessa, KA Grayson, WL Porter, RR Beakley, NC Georghiades, 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 Bordi. 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. 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

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

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

Tactical Human Performance Laboratory

SE Riechman, PI, \$1,578,000

TAMU-Research Development Fund

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

C Straw, PI Co-I **SE Riechman**. \$8,500,000

USDA

Aviles/Johnson Doctoral Fellowship: Georgia Albino

SE Riechman, mentor, 2024

Texas A&M

Doctoral Merit Fellowship: Benjamin Doyle

SE Riechman, mentor, 2024

Texas A&M

Active Extramural

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 2023-2024

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.

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

Active Intramural

Previous Extramural

- 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 Endoepine 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

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

Pathways to the Doctorate Fellowship: Laura Canteri
SE Riechman, PI *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-PI **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-PI **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

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 *NSCOR-NASA*

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 Microbiotal 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 SE Riechman. \$30,000. 2018 *TAMU*

Blood Flow Restriction Therapy to Prevent Atrophy and Preserve Function in Injured and Rehabilitating Populations
BS Lambert PI, Co-I SE Riechman. \$2,368,000. 2017 *NIH*

Development of Innovative Imaging or Other Technologies to Measure Individuals Dietary Intakes
P Yu PI, Co-I SE Riechman. \$1,480,000. 2016 *Bill and Melinda Gates Foundation*

Cancer Primary Prevention Training Grant
R Chapkin PI, Co-I SE Riechman. \$1,000,000. 2016 *CPRIT*

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 SE Riechman. \$1,000. 2014 *ACSM*

AHA Strategically Focused Prevention Research Network. Texas A&M Prevention Center for Cardiovascular Health
J Lawler PI, Co-I SE Riechman. \$275,000. 2014 *AHA*

Exercise and the Prevention of Ovarian Cancer recurrence: How much is enough?
R Schmandt PI, Co-I SE Riechman. \$500,000. 2013 *NIH*

Predictors of Diabetic Wound Healing by Racial/Ethnic Categories
R Misra PI, Co-I SE Riechman. \$2,980,222. 2011 *NIH*

Optimizing Stress Response by Combining Targeted Nutraceuticals and Exercise Training:
Translational Approach to Attenuating Muscle Proteolysis, Atrophy, and Weakness
J Lawler PI. Co-I SE Riechman. \$1,200,000. 2010

NASA

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 SE Riechman. \$1,200,000. 2007

NSBRI

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

“Aggies Invent-Parathlete” (Engineering) Coordinator, mentor, judge	2023-2024
Faculty Development Leave Committee-ad hoc member	2023
CAAHEP/CoAES Program accreditation committee	2023-present
CASCE Program accreditation committee	2023-present
University Grievance Committee (UGC-Faculty Affairs)	2023-present
Tactical Athlete Summit Steering Committee	2023-present
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
CEHD Council of Principle Investigators	2019-2021
Department of Nutrition and Food Science- Graduate Program Committee	2012-present
Tenure and Promotion Committee, Health and Kinesiology	2011-present
Graduate Faculty of Nutrition-Curriculum Review Committee	2010-present
Applied Exercise Physiology Professional Phase Committee	2005-present
Graduate Faculty Committee, Health and Kinesiology	2006-present
Division of Kinesiology MS Assessment Committee	2016-present
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	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

Institute for Advancing Health Through Agriculture	2022-present
Texas A&M Institute of Data Science	2019-present
Huffines Institute for Sports Medicine and Human Performance	2005-present
Center for Translational Environmental Health Research	2014-2018
Institute for Obesity Research and Program Evaluation	2006-2014

Reviewer

Journal

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

ADMINISTRATIVE EXPERIENCE

Chair, Division of Kinesiology: 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. Also added senior laboratory classes in Exercise Physiology and Motor Neuroscience. Vastly expanded graduate assistantship availability and stability through teaching senior level lab courses (2015-2018). These changes were instrumental in streamlining the pursuit of CAAHEP/CoAES and CASCE program accreditation currently underway.

Chair, Graduate Program in Nutrition: 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 Precision Nutrition Institute (2018-present).

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

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: 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 (2002-2003).

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

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

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

HONORS

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	2019-2024	Primary	TAMU
Sports Nutrition	2010-2022	Primary	TAMU
Therapeutic Principles	2010-2021	Primary	TAMU
Directed Research Study	2005-2023	Primary	TAMU
Nutrition and Society	2017-2019	Guest	TAMU
Exercise Physiology	2005-2007, 2024	Primary	TAMU
Senior Exercise Practicum	2003	Primary	KENT
Measurement and Evaluation	2002-2005	Primary	KENT
Individual Investigation	2002-2005	Primary	KENT
Directed Research Study	1996-2002	Primary	PITT
Exercise Physiology	1998	Primary	PITT
Human Physiology	1997-1998	Section	PITT

Graduate Teaching

	<u>Years</u>	<u>Role</u>	<u>Institution</u>
Nutrition in Sport and Exercise	2022	Guest	TAMU
Nutrition in Sport and Exercise	2010-2021	Primary	TAMU
Directed Research Study	2006-2023	Primary	TAMU

Nutritional Pharmacokinetics	2018-2023	Guest	TAMU
Technology and Data Analytics in Sport	2019	Primary	TAMU
Physiology of Strength and Conditioning	2007-2018	Primary	TAMU
Applied Exercise Physiology	2006-2017	Primary	TAMU
Laboratory Techniques	2011-2013	Primary	TAMU
Graduate Teaching Practicum	2008-2013	Primary	TAMU
Nutrition, Exercise and Muscle Seminar	2010	Primary	TAMU
Kinesiology Seminar	2007	Primary	TAMU
Interdisciplinary Seminar in Gerontology	2004	Section	KENT
Research Processes in Exercise	2003-2005	Primary	KENT
Physical Activity Epidemiology	2003-2004	Section	PITT
Research Seminar in Exercise Science	2002-2005	Section	KENT
Individual Investigation	2002-2005	Primary	KENT
Research Design in Exercise Science	2001-2002	Section	PITT
Directed Research Study	1996-2002	Primary	PITT
Exercise Specialist Workshop [§]	1998-1999	Section	PITT
Advanced Exercise Physiology	1996-1999	Section	PITT
Advanced Laboratory Techniques	1995-1999	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 of 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:

- I 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)

Sean Stanelle, Exercise Physiology, TAMU, 2022-
Austin Burmeier, Exercise Physiology, TAMU, 2023-
Joel Correa, Exercise Physiology, TAMU, 2022-
Robert Nate Young, Exercise Physiology, TAMU, 2023-
Laura Canteri, Exercise Physiology, TAMU, 2023-

Chair (graduated)

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>
Miriam Othman	2022-	Exercise Physiology	TAMU
Patrick Ryan	2017-	Exercise Physiology	TAMU
Sarah K. Kirshner	2017-	Exercise Physiology	TAMU
Kimberly Paulhill	2010-	Nutrition	TAMU

Committee (graduated)

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
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>
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
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
John Tebbetts	2023-	Kinesiology	TAMU
Mobi Martin-Diala	2023-	Kinesiology	TAMU

Chair (graduated)

	<u>Years</u>	<u>Program of Study</u>	<u>Institution</u>
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
Cary M. Higgins	2023-	Motor Neuroscience	TAMU
Erik Roma	2022-	Exercise Physiology	TAMU
Lide Su	2022-	Computer Engineering	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>
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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	2011-2023	>150 students Psychology Engineering Kinesiology Biomedical Sciences Health Education Nutrition	TAMU
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Names withheld	2006-2010	56 students Kinesiology	TAMU
Names withheld	2002-2005	19 students Kinesiology	KSU
Names withheld	1996-2002	28 students Kinesiology	PITT