BIOGRAPHICAL SKETCH

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NAME	POSITION TITLE
Steven E. Riechman	**Associate Professor**
eRA COMMONS USER NAME: SRIECHMAN	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Miami University, Oxford, Ohio	BA	1987-1991	Chemistry
University of Pittsburgh, Pittsburgh, Pennsylvania	MS, PhD	1994-1999	Exercise Physiology
University of Pittsburgh, Pittsburgh, Pennsylvania	MPH	1998-2001	Epidemiology
University of Pittsburgh, Pittsburgh, Pennsylvania	Postdoctoral	1999-2002	Molecular Genetics

A. Positions and Honors.

Positions and Employment

1992-1993 Research Specialist, Immunopathology, U. of Pittsburgh School of Medicine
2002-2005 Assistant Professor, Kent State University, Kent, OH
2003-2007 Visiting Assistant Professor, Department of Human Genetics, U. of Pittsburgh
2005-2011 Assistant Professor, Department of Health and Kinesiology, Texas A&M University
2006-2011 Assistant Professor, Intercollegiate Faculty of Nutrition, Texas A&M University
2011- Associate Professor, Department of Health and Kinesiology, Texas A&M University
2011- Associate Professor, Intercollegiate Faculty of Nutrition, Texas A&M University

Professional Memberships

1995- American College of Sports Medicine (Fellow-2010)
2000- American Physiological Society
2000- American Association for the Advancement of Science
2010 National Strength and Conditioning Association- Professional Member

Honors

1997/1998 Doctoral Fellowship Award, University of Pittsburgh
1998/1999 Outstanding student, University of Pittsburgh Honors Convocation
2001 Post-Doc Award, Genome and Hormone Conf., American Physiological Society
2002 FASEB MARC award
2003 Kent State University Teaching Scholar
2004 Kent State University Honors College Faculty recognition
2004 Kent State University Mortar Board Faculty Mentor recognition
2007 Montague- Center for Teaching Excellence Award Nominee
2007 Research Career Enhancement Award, Isotope Tracer Course, American Physiological Society

B. Selected peer-reviewed publications

Gasier HG, Fluckey JD, Previs SF, Wiggs MP, Riechman SE. Acute resistance exercise augments integrative myofibrillar protein synthesis. Metabolism. 2011.

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 Physiol.* 2010.

Riechman SE, Lee CW, Chikani G, Chen VC, Lee TV. Cholesterol and skeletal muscle health. World Rev Nutr Diet. 2009;100:71-9. Epub 2009 Aug 17. PMID: 19696529

Gasier HG, Riechman SE, Wiggs MP, Previs SF, Fluckey JD. A comparison of 2H2O and phenylalanine flooding dose to investigate muscle protein synthesis with acute exercise in rats. Am J Physiol Endocrinol Metab. 2009 Jul;297(1):E252-9. Epub 2009 Apr 14. PMID: 19366878

Riechman SE, Andrews RD, Maclean DA, Sheather S. Statins and dietary and serum cholesterol are associated with increased lean mass following resistance training. J Gerontol A Biol Sci Med Sci. 2007 Oct;62(10):1164-71. PMID: 17921432

Andrews RD, MacLean DA, Riechman SE. Protein intake for skeletal muscle hypertrophy with resistance training in seniors. Int J Sport Nutr Exerc Metab. 2006 Aug;16(4):362-72. PMID: 17136939

Riechman SE, Balasekaran G, Roth SM, Ferrell RE. Association of interleukin-15 protein and interleukin-15 receptor genetic variation with resistance exercise training responses. J Appl Physiol. 2004 Dec;97(6):2214-9.

Riechman SE, Fabian TJ, Kroboth PD, Ferrell RE. Steroid sulfatase gene variation and DHEA responsiveness to resistance exercise in MERET. Physiol Genomics. 2004 May 19;17(3):300-6. PMID: 15152080

Riechman SE, Schoen RE, Weissfeld JL, Thaete FL, Kriska AM. Association of physical activity and visceral adipose tissue in older women and men. Obes Res. 2002 Oct;10(10):1065-73. PMID: 12376588

Roth SM, Schrager MA, Metter EJ, Riechman SE, Fleg JL, Hurley BF, Ferrell RE. IGF2 genotype and obesity in men and women across the adult age span. Int J Obes Relat Metab Disord. 2002 Apr;26(4):585-7.

Goss F, Robertson R, Riechman S, Zoeller R, Dabayebeh ID, Moyna N, Boer N, Peoples J, Metz K. Effect of potassium phosphate supplementation on perceptual and physiological responses to maximal graded exercise.. Int J Sport Nutr Exerc Metab. 2001 Mar;11(1):53-62. PMID: 11255136

Roth SM, Schrager MA, Ferrell RE, Riechman SE, Metter EJ, Lynch NA, Lindle RS, Hurley BF.CNTF genotype is associated with muscular strength and quality in humans across the adult age span. J Appl Physiol. 2001 Apr;90(4):1205-10. PMID: 11247915

Zhou D, Shanks N, Riechman SE, Liang R, Kusnecov AW, Rabin BS. Interleukin 6 modulates interleukin-1-and stress-induced activation of the hypothalamic-pituitary-adrenal axis in male rats. Neuroendocrinology. 1996 Mar;63(3):227-36. PMID: 8677011

C. Research Support

Current Research Support

The Response of Dietary Cholesterol and Resistance Training as Countermeasures to Accelerated Muscle Loss in Rats. TACSM. Test the hypothesis that dietary cholesterol, in combination with resistance training, will attenuate the loss of skeletal muscle mass and rates of protein synthesis caused by hindlimb unloading.

Exercise and Memory Consolidation. Scholarly and Creative Activities grant, Vice President for Research, TAMU. DL Wright (PI). Test the hypothesis that an exercise bout prior to a memory task enhances future recall. We will also test the hypothesis that skeletal muscle releases a hormone, brain-derived neurotrophic factor, when contracting that primes neurons for memory consolidation.

Completed Research Support (last 3 years)

Differential Proteomics Approach to Identification of Novel Proteins Systemically Released from Contracting but not Resting Skeletal Muscle. J.L. and Sydney Huffines Institute for Sports Medicine and Human Performance Pilot grants. The purpose of this study is to identify endocrine factors released from skeletal muscle using a rodent hemicorpus hindlimb perfusion model.

Muscle as an Endocrine Gland: The role of contracting muscle on hepatic glucose output. J.L. and Sydney Huffines Institute for Sports Medicine and Human Performance Pilot grants**.** . JD Fluckey (PI). The purpose of this study is to test identified endocrine factors released from skeletal muscle on hepatic glucose output in a rat model.