

Curriculum Vitae
Sarah Witkowski

CONTACT INFORMATION

106 Totman Building
30 Eastman La.
Department of Kinesiology
School of Public Health & Health Sciences
Amherst, MA 01003

Phone: (415) 545-6102
e-mail: switkows@kin.umass.edu

EDUCATION

Institution	Degree	Area	Years
The University of Maryland Esen Spangenburg, Ph.D. Mentor Stephen Roth, Ph.D. Mentor	Post-doc	Exercise Physiology	June 2008-January 2010
The University of Maryland James M. Hagberg, Ph.D. Mentor	Ph.D.	Kinesiology	September 2003-May 2008
The University of Delaware	M.S.	Exercise Science	August 1997-August 2000
The College of William & Mary	B.S.	Kinesiology	August 1991-May 1995

PROFESSIONAL APPOINTMENTS

Jan 2010 - present	Assistant Professor, Dept. of Kinesiology, University of Massachusetts, Amherst
2009 – 2010	Adjunct Faculty, Dept. of Kinesiology, University of Maryland, College Park, MD
2008 - 2010	Postdoctoral Research Associate, Molecular Systems and Functional Genomics Laboratories, Department of Kinesiology, University of Maryland
2006 - 2008	Laboratory Coordinator, Exercise Testing Laboratory and Metabolic Testing Laboratory, University of Maryland
2004 – 2007	Teaching Assistant/Discussion Leader, Cardiovascular Disease and Physical Activity Department of Kinesiology, College Park, MD
2003 - 2008	Predocctoral Fellow, University of Maryland, Department of Kinesiology (James M Hagberg, PhD, mentor), College Park, MD
2000 – 2003	Research Associate, Institute for Exercise and Environmental Medicine, (Benjamin D Levine, MD, supervisor), Dallas, TX

PEER-REVIEWED PUBLICATIONS

Guhanarayan G, Jablonski J, **Witkowski S**. Circulating Angiogenic Cell Population Responses to 10 Days of Reduced Physical Activity. *J Appl Physiol* (1985). 2014 Jul 10. PMID:25012029

Chapman RF, Karlsen T, Resaland GK, Ge RL, Harber MP, **Witkowski S**, Stray-Gundersen J, Levine BD. Defining the "dose" of altitude training: how high to live for optimal sea level performance enhancement. *J Appl Physiol* (1985). 2014 Mar 15;116(6):595-603. PMID:24157530

Guth LM, Ludlow AT, **Witkowski S**, Marshall MR, Lima LC, Venezia AC, Xiao T, Lee ML, Spangenburg EE, Roth SM. Sex-specific Effects of Exercise Ancestry on Metabolic, Morphological, and Gene Expression Phenotypes in Multiple Generations of Mouse Offspring. *Exp Physiol*. 2013 Oct;98(10):1469-84. PMID: 23771910.

Many G, Jenkins NT, **Witkowski S**, Damsker J, Hagberg JM. The Effects of Aerobic Training and Age on Plasma sICAM-1. *Int J. of Sports Med*. 2013 Mar;34(3):253-7. PMID:22972240.

Ludlow AT, **Witkowski S**, Marshall MR, Wang J, Lima LCJ, Guth LM Spangenburg EE, Roth SM. Chronic exercise modifies age-related telomere dynamics in a tissue-specific fashion. *J Gerontol A Biol Sci Med Sci*. 2012 Sep;67(9):911-26. PMID: 22389464.

Biork L, Jenkins NT, **Witkowski S**, Hagberg JM. Nitro-oxidative stress biomarkers in active and inactive men. *Int J Sports Med*. 2012 Apr;33(4):279-84. PMID: 22377943.

Witkowski S, Jenkins NT, Hagberg JM. Enhancing treatment for cardiovascular disease: Exercise and circulating angiogenic cells. *Exerc Sport Sci Rev*. 2011 Apr;39(2):93-101. PMID: 21206284.

McKenzie JA, **Witkowski S**, Ludlow AT, Roth SM, Hagberg JM. AKT1 G205T Genotype Influences Obesity-Related Metabolic Phenotypes and Their Responses to Aerobic Exercise Training in Older Caucasians. *Exp Physiol*. 2011 Mar;96(3):338-4. PMID: 21097644.

Jenkins NT, McKenzie JA, Hagberg JM, **Witkowski S**. Plasma fetuin-A concentrations in young and older high- and low-active men. *Metabolism*. 2011 Feb;60(2):265-71. PMID: 20199782.

One of the top-cited papers in 2011 for this journal.

Witkowski S, Lovering RM, Spangenburg EE. High-frequency electrically stimulated skeletal muscle contractions increase p70s6k phosphorylation independent of known IGF-I sensitive signaling pathways. *FEBS Lett*. 2010 July 2;584(13):2891-5. PMID: 20466004.

Lockard MM, **Witkowski S**, Jenkins NT, Spangenburg EE, Obisesan TO, Hagberg JM. The Effect of Thrombin on Putative Endothelial Progenitor Cells with Exercise and Exercise Training. *J Appl Physiol*. 2010 Jun;108(6):1682-90. PMID: 20378705.

Jenkins NT, McKenzie JA, Damcott CM, **Witkowski S**, and Hagberg JM. Endurance exercise training effects on body fatness, VO₂max, HDL-C subfractions, and glucose tolerance are influenced by a *PLIN* haplotype in older Caucasians. *J Appl Physiol*. 2010 Mar;108(3):498-506. PMID: 19850727.

Witkowski S, Lockard MM, Jenkins NT, Obisesan TO, Spangenburg EE, Hagberg JM. Relationship between circulating progenitor cells, vascular function and oxidative stress with long term training and short term detraining in older men. *Clin Sci (Lond)*. 2010 Feb;118(4):303-11. PMID: 19723023.

Jenkins NT, **Witkowski S**, Spangenburg EE, and Hagberg JM. Effects of acute and chronic endurance exercise on intracellular nitric oxide in putative endothelial progenitor cells: Role of NADPH oxidase. *AJP Heart and Circulatory Physiology*. 2009 Nov;297(5):H1798-805. PMID: 19717732.

Witkowski S and Spangenburg EE. Reduced Physical Activity and the Retired Athlete: a dangerous combination? *Br J Sports Med*. 2008 Dec;42 (12):952-3. PMID: 18981041.

Ludlow AT, Zimmerman JB, **Witkowski S**, Hearn JW, Hatfield BD, Roth SM. Relationship between physical activity, telomere length, and telomerase activity in peripheral blood mononucleocytes. *Med Sci Sports Exerc*. 2008 Oct; 40 (10):1764-71. PMID: 18799986.

Deeny SP, Poeppel D, Zimmerman JB, Roth SM, Brandauer J, **Witkowski S**, Hearn JW, Ludlow AT, Contreras-Vidal JL, Brandt J, Hatfield BD. Exercise, APOE, and working memory: MEG and behavioral evidence for benefit of exercise in middle-aged e4 carriers. *Biol Psychol*. 2008 May; 78 (2):179-87. PMID: 18395955.

Witkowski S and Hagberg JM. Progenitor Cells and Age: Can we Fight Aging with Exercise? *J Appl Physiol*. 102 (3): 834-835, 2007. PMID: 17204579.

Zhang R, **Witkowski S**, Fu Q, Claassen JA, Levine BD Cerebral hemodynamics after short and long-term reduction in blood pressure in mild and moderate hypertension *Hypertension*. 49:1-7, 2007. PMID: 17353511.

Claassen JA, Zhang R, Fu Q, **Witkowski S**, Levine BD. Transcranial Doppler estimation of cerebral blood flow and cerebrovascular conductance during modified rebreathing. *J Appl Physiol*. March; 102: 870-877, 2007. PMID: 17110510.

Fu Q, **Witkowski S**, Okazaki K, Levine BD. Effects of gender and hypovolemia on sympathetic neural responses to orthostatic stress. *Am J Physiol Regul Integr Comp Physiol*, Jul;289(1):R109-16, 2005. PMID: 15761188.

Fu Q, Zhang R, **Witkowski S**, Arbab-Zadeh A, Prasad A, Okazaki K, Levine BD. Persistent sympathetic activation during chronic antihypertensive therapy: A potential mechanism for hypertension morbidity or treatment failure? *Hypertension*, Apr;45(4):513-21, 2005. PMID:15738344.

Fu Q, **Witkowski S**, Levine BD. Vasoconstrictor reserve and sympathetic neural control of orthostasis. *Circulation*, Nov 2;110(18):2931-7, 2004. PMID: 15505093.

Zhang R, Wilson TE, **Witkowski S**, Cui J, Crandall CG, Levine BD. Inhibition of nitric oxide synthase does not alter dynamic cerebral autoregulation in humans. *American Journal of Physiology: Heart and Circulatory Physiology*, Mar;286(3):H863-9, 2004. PMID: 15008160.

Jedlickova K, Stockton DW, Chen H, Stray-Gundersen J, **Witkowski S**, Ri-Li G, Jelinek J, Levine BD, Prchal JT. Search for genetic determinants of individual variability of the erythropoietin response to high altitude. *Blood Cells and Molecular Diseases*, Sep-Oct;31(2):175-82, 2003. PMID: 12972022.

Cui J, Zhang R, Wilson TE, **Witkowski S**, Crandall CG, Levine BD. Nitric oxide synthase inhibition does not affect regulation of muscle sympathetic nerve activity during head-up tilt. *American Journal of Physiology: Heart and Circulatory Physiology*. 285:H2105-H2110, 2003. PMID: 12842819

Ri-Li G, Chase PJ, **Witkowski S**, Wyrick BL, Stone JA, Levine BD, and Babb TG. Obesity: associations with acute mountain sickness. *Ann of Internal Medicine*, Aug 19; 139(4):253-7, 2003. PMID: 12965980.

Wilson TE, Cui J, Zhang R, **Witkowski S**, Crandall CG. Skin Cooling maintains cerebral blood flow velocity and orthostatic tolerance during tilting in heated humans. *J Appl Physiol* 93: 85-91, 2002. PMID: 12070190.

Ri-Li G, **Witkowski S**, Zhang Y, Alfrey C, Sivieri M, Karlsen T, Resaland GK, Stray-Gundersen J, Levine BD. Determinants of erythropoietin release in response to short term, hypobaric hypoxia. *J Appl Physiol*. 92 (6), 2361-2367, 2002. PMID: 12015348.

INVITED LECTURES

May 2014 Angiogenic Cells, Physical Activity, and Cytokines
American College of Sports Medicine Annual Meeting Highlighted Symposium

May 2014 *Physical Activity, inactivity, and sedentary behavior: Mediators of vascular health.*
University of Massachusetts Center for Clinical and Translational Science Research
Retreat

- November 2013 *Cells and Signals for Vascular Regeneration*
New England American College of Sports Medicine Conference
- November 2012 *Circulating Angiogenic Cells and Diabetes. A potential role for exercise.*
Molecular and Cellular Biology Graduate Colloquium, University of Massachusetts
- February 2012 *Exercise as Vascular Medicine for Diabetes*
University of Missouri Department of Nutrition and Exercise Physiology Seminar
- November 2011 *Cardiovascular Regenerative Cells and Exercise*
New England American College of Sports Medicine Conference
- March 2011 *Physical Activity & Telomere Dynamics.*
Pioneer Valley Life Sciences Institute, Springfield MA,
- Spring 2010 *Changing Cardiovascular Disease Risk with Physical Activity: Role of Circulating Progenitor Cells.*
Department of Kinesiology Seminar
- October 2010 *Adult Cardiovascular Stem Cells: Sustaining & Improving Cardiovascular Health with Exercise.*
University of Massachusetts Department of Nursing
- October 2010 *Adult Cardiovascular Stem Cells: Sustaining & Improving Cardiovascular Health with Exercise.*
University of Massachusetts BIOTAP program

RESEARCH PRESENTATIONS (Chronological Order)

Witkowski S, Zhang R, Zuckerman JH, Wilson TE, Crandall CG, Levine BD. Hemodynamic responses to sustained infusion of L-NMMA in humans. Poster presentation for the ACSM Texas affiliate meeting, 2001.

Witkowski S, Karlsen T, Resaland GK, Sivieri M, Yates R, Ri-Li G, Stray-Gundersen J, Levine BD. Optimal Altitude for “Living High-training Low”. Poster presentation for the national American College of Sports Medicine meeting. *Med Sci Sports Exerc.*, 33:S292, 2001.

Palmer MD, Perhonen M, Zuckerman JH, **Witkowski S**, Zhang R, Levine BD. Prolonged exercise training during head-down tilt bedrest preserves upright exercise capacity. Poster presentation for the national ACSM meeting. *Med Sci Sports Exerc.*, 33:S299, 2001.

Witkowski S, Chen H, Stray-Gundersen J, R.L. G, Alfrey C, Perchal JT, Levine BD. Genetic marker for the erythropoietic response to altitude. Poster presentation for the national ACSM meeting. *Med Sci Sports Exerc.* 34: S246, 2002.

Chase PJ, Ri-Li G, **Witkowski S**, Wyrick BL, Babb TG. Comparison of two methods for measuring hypercapnic ventilatory response in men. Poster presentation for the national ACSM meeting. *Med Sci Sports Exerc.*, 34:S154, 2002.

Palmer MD, Perhonen M, Zuckerman JH, **Witkowski S**, Zhang R, Levine BD Prolonged exercise training during head-down bedrest coupled with dextran infusion prevents orthostatic intolerance. Poster presentation for the national ACSM meeting. *Med Sci Sports Exerc.*, 34:S112, 2002.

Truijens MJ, Dow J, Cabayo J, Palmer MD, **Witkowski S**, Chase PJ, Toussaint HM, Levine BD. The effect of high intensity hypoxic training on sea-level swimming performances. Poster presentation for the national ACSM meeting. *Med Sci Sports Exerc.*, 34: S238, 2002.

Zhang R, Cooke WH, Zuckerman JH, Cui J, Wilson TE, **Witkowski S**, Crandall CG, Levine BD. Nitric oxide does not buffer blood pressure variability during head-up tilt. Poster presentation for the national ACSM meeting. *Med Sci Sports Exerc.*, 34:S40, 2002.

Mason JJ, Marshak H, Fontamillas S, Provost-Craig M, **Witkowski S**. The inaugural winter senior olympic games: Physiological lessons from Lake Placid. Poster Presentation, 6th IOC World Congress, St. Louis, 2002.

Witkowski S, Zhang R, Ogawa M, Levine BD. Logistic modeling during normoxic rebreathing: A novel approach to evaluate cerebral vasomotor reactivity. Poster presentation for the national ACSM meeting *Med Sci Sports Exerc.*, 35:S 43, 2003.

Arbab-Zadeh A, Dijk E, Palmer MD, Zuckerman JH, **Witkowski S**, Fu Q, Zhang R, Levine BD. Prolonged endurance training preserves cardiac compliance with aging. Poster presentation for the national ACSM meeting. *Med Sci Sports Exerc.*, 35: S154, 2003.

Dijk E, Arbab-Zadeh A, Palmer MD, **Witkowski S**, Zuckerman JH, Zhang R, Levine BD. Exercise training and the Frank-Starling Mechanism: Prevention of diastolic dysfunction with aging. Poster presentation for the national ACSM meeting. *Med Sci Sports Exerc.*, 35: S49, 2003.

Truijens MJ, Palmer MD, **Witkowski S**, Chase PJ, van Asseldonk E, Toussaint HM, Levine BD. The effect of high intensity, hypoxic training on VO₂ kinetics in well trained swimmers. Poster presentation for the national ACSM meeting. *Med Sci Sports Exerc.*, 35:S335, 2003.

Witkowski S, McCole SD, Ferrell RE, Huberty A, Hagberg JM. Associations Between Exercise Hemodynamics in Postmenopausal Women and Gene Variants in the Renin-Angiotensin System. Poster presentation for the APS Intersociety Meeting: The Integrative Biology of Exercise, 2004.

Zhang R, **Witkowski S**, Martini E, Fu Q, Arbab-Zadeh A, Prasad A, Levine BD. Effects of acute and chronic antihypertensive therapy on cerebral hemodynamics in patients with mild hypertension. Poster presentation for the Experimental Biology meeting. FASEB, 18(4) part 1: A640, 2004.

Fu Q, Zhang R, Martini E, **Witkowski S**, Palmer MD, Prasad A, Okazaki K, Arbab-Zadeh A, Webster K, Levine BD. Baroreflex regulation of MSNA does not reset during chronic antihypertensive therapy: A potential mechanism for treatment failure? Poster presentation for the Experimental Biology meeting. FASEB, 18(4) part 1: A272, 2004.

Okazaki K, Ogawa J, Fu Q, Martini ER, **Witkowski S**, Zhang R, Levine BD. Improved cardiac autonomic function and augmented sympathetic activity after chronic antihypertensive therapy in patients with essential hypertension. Poster presentation for the Experimental Biology meeting. FASEB, 2005.

Okazaki K, Ogawa J, Fu Q, Martini ER, **Witkowski S**, Zhang R, Levine BD. Autonomic dysfunction in patients with hypertension: Is it related to the severity of elevated blood pressure? Poster presentation for the Experimental Biology meeting. FASEB 2005.

Brandauer J, Weiss EP, **Witkowski S**, Phares DA, and Hagberg JM. Effect of endurance exercise training on fasting and postprandial plasma adiponectin levels in older men and women. Poster presentation for the Experimental Biology meeting. FASEB, 2006.

Ludlow AT, Zimmerman JB, Hearn JW, **Witkowski S**, Hatfield BD, Roth SM. Relationship between exercise energy expenditure and telomere length and telomerase activity. Poster presentation for the Experimental Biology meeting. FASEB, 2007.

Witkowski S, Lockard MM, Harley R, Jenkins NT, Spangenburg EE, Hagberg JM. CD34⁺/KDR⁺ Endothelial Progenitor Cells and Vascular Health: Exercise and Detraining. APS Intersociety Meeting: Integrative Biology of Exercise, 2008.

Campbell KM, Wohlers LM, Sweeney SM, **Witkowski S**, Koves TK, Muoio DM, and Spangenburg EE. Increases in visceral fat mass in OVX mice is associated with decreases in skeletal muscle cytochrome c protein expression. Biochemistry of Exercise 14th International Conference, June 2009.

Ludlow AT, **Witkowski S**, Marshall MR, Wang L, Guth LM, Spangenburg EE, Roth SM. Year long wheel running alters telomere dynamics and markers of DNA damage in mice. American College of Sports Medicine, June 2010.

Bjork L, Jenkins NT, **Witkowski S**, Hagberg JM. Circulating biomarkers of nitro-oxidative stress in young and older active and inactive men. American College of Sports Medicine, June 2010.

Marshall MM, Ludlow AT, **Witkowski S**, Wang J, Guth LM Frank S, Spangenburg EE, Roth SM. Chronic wheel running alters telomere length and telomere-related gene expression in Cast/Ei mouse liver tissue. American College of Sports Medicine, June 2010.

Witkowski S, Soltow QA, Yu T, Jenkins NT, Hagberg JM, Jones DP. Effect of Age, Endurance Training, and Short-Term Detraining on Plasma Metabolomic Profiles Integrative Physiology of Exercise (ACSM) September 2010.

Venezia AC, Ludlow AT, **Witkowski S**, Marshall MR, Spangenburg EE, Roth SM. Effect of one-year of voluntary wheel running on transcript specific hippocampus Bdnf gene expression. Integrative Physiology of Exercise (ACSM) September 2010.

Guth LM, Ludlow AT, **Witkowski S**, Marshall MR, Lima L, Perret K, Caffes N, Venezia AC, Spangenburg EE, Roth SM. Transgenerational Effects of Physical Activity Ancestry on Mouse Body Composition, Glucose Metabolism, Gene Expression. Integrative Physiology of Exercise (ACSM) September 2010.

Ludlow AT, **Witkowski S**, Marshall MR, Wang J, Guth LM, Spangenburg EE, Roth SM. Exercise modifies age-related telomere dynamics in multiple tissues of CAST/Ei mice. FASEB 2011.

Guth LM, Ludlow AT, **Witkowski S**, Marshall MR, Lima L, Venezia AC, Xiao T, Lee MT, Spangenburg EE, Roth SM. Exercise ancestry decreases lipogenesis-related gene expression in skeletal muscle of male offspring. FASEB 2011.

Jeames S, **Witkowski S**. Community based physical activity and impacts on health disparities for men of color. American Association for Cancer Research (AACR) Conference on the Science of Cancer Health Disparities. 2011.

Guhanarayan G, Patel A, Simoes S, Burgess R, Baez A, **Witkowski S**. Effects of Exercise on Endothelial Progenitor Cells in a High Glucose Environment. American College of Sports Medicine. June 2012.

Saligram P, Young M, Lagoy A, Chou C, **Witkowski S**, Islam A, Sen S. The Effect of Controlled Aerobic Exercise on Endothelial Dysfunction in Patients with Pre-Diabetes: A Crossover Pilot Study. American Diabetes Association Meeting. Endocr. Rev. 2012; 33(03_MeetingAbstracts): p. SUN-LB22.

Patel A, **Witkowski S**. Inflammation and Plasminogen Activator Inhibitor-1 (PAI-1) in the Heart: Effects of Estrogen and Physical Activity. New England American College of Sports Medicine. November 2012.

LaBarbera KE, O'Fallon KS, Clarkson PM, **Witkowski S**. An in vitro injury model to examine pericyte-skeletal muscle cell cross talk. Experimental Biology. April 2013.

Guhanarayan G, Jablonski J, **Witkowski S**. Effects of inactivity on intracellular nitric oxide in circulating angiogenic cells. Experimental Biology. April 2013.

Patel A, Simoes S, **Witkowski S**. The effects of estrogen and exercise on cardiac telomere related factors in ovariectomized mice. Experimental Biology. April 2013.

Labarbera K, Hyldahl R, **Witkowski S**. Pericyte NF- κ B activation enhances endothelial cell proliferation and proangiogenic cytokine secretion. American College of Sports Medicine. May 2014

Patel A, Spangenburg E, **Witkowski S**. Early effects of ovariectomy on markers of cardiac dysfunction. American College of Sports Medicine. May 2014

TEACHING

Courses (numbers represent approximate enrollment):

University of Massachusetts

Fall 2010- Spring 2012	KIN 272 (formerly 171) Anatomy and Physiology 2 (N=200)
Summer 2010-14	KIN 272 Anatomy and Physiology 2. University of Massachusetts Online (N=65)
Spring 2011, Fall 2012	KIN 597C Cardiovascular Physiology (N=12)
Fall 2013	KIN 797W Current Topics in Cardiovascular Physiology (N=6)
Fall 2012, Spring 2013	KIN 397P Physical Activity and Health (N=100)

Graduate Students:

Gayatri Guhanarayan	M.S. student (9/10 - 12/13) Thesis, "Effect of a 10 day Decrease in Physical Activity on Endothelial Progenitor Cells"
Kate LaBarbarera	Ph.D student (9/11 - present)
Anisha Patel	M.S. student (9/12 - present)
Angel Baez	M.S. student (9/13-present)
Corinna Serviente	M.S./Ph.D. student (9/13-present)
Ricardo Morales	Post Baccalaureate PREP student (1/14-8/14)

Undergraduate Research Projects:

Stephanie Simoes	Commonwealth Honors College, Kinesiology Major Honors Thesis, "Inflammation and plasminogen activator inhibitor-1 (PAI-1) in the heart: Effects of estrogen and physical activity" Completed 5/12
Anisha Patel	Commonwealth Honors College, Kinesiology Major Honors Thesis, "The effects of estrogen and exercise on cardiac telomere biology" Completed 5/12
Rachel Burgess	Commonwealth Honors College, Kinesiology Major Honors Thesis, "The Effect of Hyperglycemia and Exercise on Endothelial Progenitor Cell Cytokine Release" Completed 5/13

Julianne Jablonski	Commonwealth Honors College, Kinesiology Major Honors Thesis, "The Effect of Hyperglycemia and Exercise on Endothelial Progenitor Cell Cytokine Release" Completed 5/13
Lindsey Richard	Commonwealth Honors College, Kinesiology Major Honors Thesis, "VEGF-D levels in Cigarette Smokers after Eccentric Exercise" Completed 5/13

PROFESSIONAL AFFILIATIONS/SERVICE

Manuscript Review (since):

2008	Journal of Applied Physiology (ad hoc)
2009	Medicine and Science in Sport and Exercise (ad hoc)
2011	Exercise and Sports Sciences Reviews (ad hoc)
2011	Physiological Genomics (ad hoc)
2012	Metabolism (ad hoc)
2012	American Journal of Medicine (ad hoc)
2012	Diabetes/Metabolism Research and Reviews (ad hoc)
2013	Applied Physiology, Nutrition and Metabolism (ad hoc)

Memberships (since):

2010	UMass Center for Clinical and Translational Science (UMCCTS)
2004	American Heart Association (AHA)
2004	American Physiological Society (APS)
1999	American College of Sports Medicine (ACSM)

Committees:

Department

2014-present	Environmental Health and Safety Department Representative
2012-present	Department Strategic Planning Committee
2012-present	Department Graduate Awards Committee
2011-12	Kinesiology Instructor Search Committee
2011-12	Department of Kinesiology Curriculum Committee
2010	Department Nomination Committee for University Fellowships
2010-present	Department Personnel Committee

School

2011, 2013	Judge, School of Public Health and Health Sciences Research Day
2013	SPHHS Academic Facilities Planning Committee

University

2011-12	Department of Food Science Faculty Search Committee
---------	---

HONORS

2013	Nominated for limited submission to the Edward Mallinckrodt Jr. Foundation Award
2010	Nominated for American Schools of Public Health Pfizer Young Investigator's Research Award
2008	Dean's Graduate Scholar Award, Department of Kinesiology, University of Maryland College Park School of Public Health
2003-2007	NIH T32 Pre-doctoral NRSA Fellowship (AG00268)