

TERRY ELLEN JONES

CURRICULUM VITAE

PRESENT ADDRESS Department of Physical Therapy
College of Allied Health Sciences
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EDUCATION

Ph.D. Biochemistry
University of Kansas, 2000

M.S.Ed. Exercise Physiology
University of Kansas, 1988

B.A. Physical Education (concentration - Exercise Science)
Washburn University, 1985

PROFESSIONAL EXPERIENCE

2012 – 2016 Graduate Program Director, Dept. of Physical Therapy

2009 – present Associate Professor, Dept. of Physical Therapy

2003 – 2009 Assistant Professor, Dept. of Physical Therapy, College of Allied Health Sciences, East Carolina University, Greenville, NC

2003 – 2008 Joint appointment as Clinical Assistant Professor, Division of Endocrinology, Dept. of Internal Medicine, Brody School of Medicine, East Carolina University

2000 – 2003 Postdoctoral Research Fellow/NIH Trainee in the laboratory of Dr. John Holloszy, Dept. of Internal Medicine, Section of Applied Physiology, Washington University School of Medicine, St. Louis, MO

1993 – 2000 Graduate Research Assistant and Graduate Teaching Assistant, Dept. of Molecular Biosciences, Univ. of Kansas, Lawrence, KS

1987 – 1991 Exercise Physiologist, Colmery-O'Neil VA Hospital, Topeka, KS

1983 – 1985 Adjunct Instructor, Dept. of Health and Physical Education, Washburn University, Topeka, KS

AWARDS

2008 Dean's Award for Outstanding Performance in Teaching
2000 – 2003 NIH Postdoctoral Trainee

STUDENT AWARDS

2012 Courtney Stearn, winner, Human Health Graduate Poster Presentation, ECU Research and Creative Achievement Week

2011 Melissa Wood, 3rd place (tie), Student Research Award, NC PTA Fall Conference

2011 Courtney Stearn, 3rd place (tie), Student Research Award, NC PTA Fall Conference

2011 L. Brittany Rice, winner, Human Health Graduate Poster Presentation, ECU Research and Creative Achievement Week

2007 Katherine Stephenson & Julia King, 2nd place, Student Research Award, NC PTA Fall Conference

2007 Katherine Stephenson & Julia King, runner-up, Human Health Graduate Poster Presentation, ECU Research and Creative Achievement Week

COMPLETED RESEARCH SUPPORT

Brody Brothers Endowment Grant. Role – Co-PI. \$19,566.

Undergraduate Research and Creative Activities Award from East Carolina University Division of Research and Graduate Studies. Role – Mentor to Carson Cook. Funding period – spring 2016 semester. \$1000.

Undergraduate Research and Creative Activities Award from East Carolina University Division of Research and Graduate Studies. Role – Mentor to Michaela Morris. Funding period – fall 2014 semester. \$2470.

Research Development Grant from East Carolina University Division of Research and Graduate Studies. Role – PI. \$29,150.

Research/Creative Activities Grant from East Carolina University Division of Research and Graduate Studies. Role – PI. \$10,000.

Glenn Foundation/AFAR Scholarship for Research in the Biology of Aging, American Federation for Aging Research. Role – PI. \$5,500.

CURRENT RESEARCH SUPPORT

Craig H. Neilsen Foundation. Role – Investigator. \$300,000.

RESEARCH SUPPORT SUBMITTED

NIH RO1. Role – Investigator. \$3,262,434. Under review.

NIH RO1. Role – Investigator. \$2,201,665.

NIH RO1. Role – Investigator. \$2,629,641.

NIH R15. Role – PI. \$432,467.

NIH R01. Role – Investigator. \$3,555,424.

Interdisciplinary Research Collaboration Award from East Carolina University Division of Research and Graduate Studies. Role – Co-principal investigator. \$20,800.

Undergraduate Research and Creative Activities Award from East Carolina University Division of Research and Graduate Studies. Role – Mentor to Mary Greyard. \$1,591.

Foundation of Physical Therapy, Clagett Family Research Grant. Role – PI. \$299,634.

NIH R15. Role – PI. \$431,681.

NIH R15. Role – PI. \$213,750. Original submission 02/07. First resubmission 10/07. Second resubmission 06/09.

NIH K01. Role – PI. \$324,000. Original submission 09/06. First resubmission 07/07. Second resubmission 03/09.

NIH R03. Role – Co-PI. \$136,955.

Research/Creative Activities Grant from East Carolina University Division of Research and Graduate Studies. Role – PI. \$10,000.

Research Institute funding from East Carolina University Chancellor's Office. Role – project member. Submitted a pilot project as PI. \$50,000.

PUBLICATIONS

Haskins M, **Jones TE**, Lu Q, Bareiss SK (2016) Early alterations in blood and brain RANTES and MCP-1 expression and the effect of exercise frequency in the 3XTg-AD mouse model of Alzheimer's disease. *Neurosci Lett*, 610:165-170

Jones TE, Stephenson KW, King JG, Knight KR, Marshall TR and Scott WB (2009) Sarcopenia – mechanisms and treatments. *J Geriatr Phys Ther*, 32:39-45

Jones TE, Basillo J, Brophy P, McCammon M and Hickner RC (2009) Long-term exercise training in overweight adolescents improves plasma peptide YY and resistin. *Obesity* 17:1189-1195

Boschek CB, **Jones TE**, Smallwood HS, Squier TC, Bigelow DJ. (2008) Loss of the calmodulin-dependent inhibition of the RyR1 calcium release channel upon oxidation of methionines in calmodulin. *Biochemistry* 47:131-142

Boschek CB, **Jones TE**, Squier TC, Bigelow DJ. (2007) Calcium occupancy of N-terminal sites within calmodulin induces inhibition of the ryanodine receptor calcium release channel. *Biochemistry* 46:10621-10628

Wright DC, Geiger PC, Han DH, **Jones TE**, Holloszy JO (2007) Calcium induces increases in peroxisome proliferator-activated receptor γ coactivator-1 α and mitochondrial biogenesis by a pathway leading to p38 mitogen-activated protein kinase activation. *J Biol Chem* 282:18793-18799.

Wright DC, Han DH, Garcia-Roves PM, Geiger PC, **Jones TE**, Holloszy JO (2007) Exercise-induced mitochondrial biogenesis begins before the increase in muscle PGC-1 α expression. *J Biol Chem* 282:194-199

Garcia-Roves PM, **Jones TE**, Otani K, Han DH, Holloszy JO (2005) Calcineurin does not mediate exercise-induced increase in muscle GLUT4. *Diabetes* 54:624-628

Garcia-Roves PM, Han DH, Song Z, **Jones TE**, Hucker KA, Holloszy JO (2003) Prevention of glycogen supercompensation prolongs the increase in muscle GLUT4 after exercise. *Am J Physiol Endocrinol Metab* 285:E729-736

Baar K, Song Z, Semenkovich CF, **Jones TE**, Han D-H, Nolte L, Ojuka EO, Chen M, Holloszy JO (2003) Skeletal muscle overexpression of nuclear respiratory factor 1 increases glucose transport capacity. *FASEB J* 17:1666-1673

Ojuka EO, **Jones TE**, Han D-H, Chen M, Holloszy JO (2003) Raising Ca²⁺ in L6 myotubes mimics effects of exercise on mitochondrial biogenesis in muscle. *FASEB J* 17:675-681

Jones TE, Baar K, Ojuka E, Chen M, Holloszy JO (2003) Exercise induces an increase in muscle UCP3 as a component of the increase in mitochondrial biogenesis. *Am J Physiol Endocrinol Metab* 284:E96-101

Baar K, Wende AR, **Jones TE**, Marison M, Nolte LA, Chen M, Kelly DP, Holloszy JO (2002) Adaptations of muscle to exercise: rapid increase in the transcriptional coactivator PGC-1. *FASEB J* 16:1879-86

Ojuka EO, **Jones TE**, Han DH, Chen M, Wamhoff BR, Sturek M, Holloszy JO (2002) Intermittent increases in cytosolic Ca²⁺ stimulate mitochondrial biogenesis in muscle cells. *Am J Physiol Endocrinol Metab* 283:E1040-E1045

Fisher JS, Nolte LA, Kawanaka K, Han DH, **Jones TE**, Holloszy, JO (2002) Glucose transport rate and glycogen synthase activity both limit skeletal muscle glycogen accumulation. *Am J Physiol Endocrinol Metab* 282:E1214-E1221

Ojuka EO, **Jones TE**, Nolte LA, Chen M, Wamhoff BR, Sturek M, Holloszy JO (2002) Regulation of GLUT 4 biogenesis in muscle: evidence for involvement of AMPK and Ca²⁺. *Am J Physiol Endocrinol Metab* 282:E1008-E1013

Chen B, **Jones TE**, Bigelow DJ (1999) The nucleotide-binding site of the sarcoplasmic reticulum Ca-ATPase is conformationally altered in aged skeletal muscle. *Biochemistry* 38:14887-14896

Ferrington DA, **Jones TE**, Qin Z, Miller-Schlyer M, Squier TC, Bigelow DJ (1997) Decreased conformational stability of the sarcoplasmic reticulum Ca-ATPase in aged skeletal muscle. *Biochem Biophys Acta* 1330:233-247

PUBLICATIONS SUBMITTED

INVITED TALKS

American College of Sports Medicine 51st Annual Meeting Mini-Symposium, 06/04/04. Altered regulation of the ryanodine receptor by oxidized calmodulin.

NATIONAL ABSTRACTS/POSTER PRESENTATIONS

Yan H, **Jones TE**, Pearce MM, Lattimore KA, Dubis GS, Brophy P, Hickner RC. Effect of exercise training on inflammatory markers I overweight and obese boys and girls. American College of Sports Medicine Annual Meeting, 05/17

Hibbert JE, **Jones TE**, Domire ZJ. Change in acute response of aged women to resistance exercise following a long-term stretching intervention. *Experimental Biology*, 04/17

Conner B, Wonka A, La Favor J, Wingard CJ, **Jones TE**, Bareiss SK. Early metabolic changes in the central nervous system following high fat/high sucrose diet and the protective role of exercise. American Physical Therapy Association, Combined Sections, 02/17

Zou K, Hinkley JM, Park S, Zheng D, **Jones TE**, Hornby PG, Lenhard J, Pories WJ, Dohm GL, Houmard JA, Deranged glucose oxidation in primary human myotubes from type 2 diabetic patients. American College of Sports Medicine Annual Meeting, 06/16

Hibbert JE, Salzano MQ, **Jones TE**, Domire ZJ. Basal level of p70s6k phosphorylation is higher in aged rats and inversely related to muscle atrophy. *Experimental Biology*, 04/16

Zou K, Hinkley JM, Billings SC, Park S, Zheng D, **Jones TE**, Hornsby PJ, Lenhard J, Pories WJ, Dohm GL, Houmard JA. Glucose metabolism is impaired in cultured myotubes from severely obese humans. *Experimental Biology*, 03/15

Jones TE, Pearce MM, Reed MA, Tanner CJ, Houmard JA, Hickner RC, Pories WJ, Dohm GL. Lactate/pyruvate production and/or utilization are altered by gastric bypass surgery. American Diabetes Association Scientific Sessions, 06/14

Bareiss SK, Lu Q, **Jones TE**, Tran TD. Effects of exercise frequency on blood biomarker profiles in a triple-transgenic mouse model of Alzheimer's disease. American Physical Therapy Association, Combined Sections, 02/14

Jones TE, Wood MK, Brewer, KL, Bareiss, SK. The effects of exercise on skeletal muscle GSK3 β in a spinal cord injury pain model. Experimental Biology, 04/12

Jones TE, Rice LB, Williams JE, Pearce MM. Transcriptional regulation of skeletal muscle GLUT4 by elevated long chain fatty acids. Experimental Biology, 04/11

Jones TE, Stephenson KW, King JG. Calcium elevates GLUT4 transcriptional activity in the presence of elevated fatty acids. American Diabetes Association Scientific Sessions, 06/07

Cummings D, **Jones TE**, Stephenson KW, and King JG. Effect of diabetes and obesity on CRP and IL-6 Levels: population-based results. American Diabetes Association Scientific Sessions, 06/06. (Accepted for publication only.)

Jones TE, McCammon MR, Basilio J, Brophy P, and Hickner RC. Alterations in CVD risk factors and satiety hormones in overweight adolescents with vigorous exercise training. American College of Sports Medicine Annual Meeting, 05/06

STATE AND LOCAL ABSTRACTS/POSTER PRESENTATIONS

Smith CD, Dohm GL, Zou K, Houmard JA, Spaniolas K, **Jones TE**. Skeletal muscle glucose oxidation in obesity and type 2 diabetes. North Carolina Physical Therapy Association Fall Conference, 10/16.

Fordham CE, Greyard MA, Rowe ML, Cook CE, Bareiss SK, **Jones TE**. Impact of high fat/high sucrose diet and aerobic exercise on pyruvate dehydrogenase in the spinal cord. North Carolina Physical Therapy Association Fall Conference, 10/16.

Hibbert JE, **Jones TE**, Domire ZJ. Young women have increased phosphorylation of p70S6k following an acute bout of resistance exercise. Human Movement Science & Biomechanics Research Symposium, 02/16.

Greyard MA, Zou K, Dohm GL, Houmard JA, **Jones TE**. Skeletal muscle protein synthesis in type 2 diabetes. North Carolina Physical Therapy Association Fall Conference, 10/15.

Spirakis KA, Letsinger KA, Bareiss SK, Brewer KL, **Jones TE**. Skeletal muscle response to systemic inflammation from chronic pain and its impact on functional proteins. North Carolina Physical Therapy Association Fall Conference, 10/15.

Griffin J, Houmard J, Dohm L, **Jones T**, Tanner C, Bowden R, Greene B, Cundiff B, Cunningham E. Insulin-stimulated lactate production. North Carolina Undergraduate Research and Creative Activity Symposium, 11/14.

Kruschesky PF, Bareiss SK, Brewer KL, **Jones TE**. A fast muscle's response to chronic pain and exercise. North Carolina Physical Therapy Association Fall Conference, 10/14

Cook CR, Urko SA, Sloan AC, Thomas KL, Bareiss SK, **Jones TE**. Effect of chronic exercise on skeletal muscle mass in Alzheimer's disease. North Carolina Physical Therapy Association Fall Conference, 10/14

Billings SC, Zou K, Dohm GL, Houmard JA, **Jones TE**. Type 2 diabetes and skeletal muscle: a potential role for skeletal muscle to contribute to the high glucose seen in diabetes. North Carolina Physical Therapy Association Fall Conference, 10/14

Tune K, **Jones T**, Lu Q, Bareiss SK. Effect of exercise frequency on brain and blood biomarkers in a triple-transgenic mouse model of Alzheimer's disease. North Carolina Physical Therapy Association Fall Conference, 10/14

Pearce MM, Lattimore KA, Hickner R, **Jones TE**. The effect of exercise on inflammatory markers in children that are lean and obese. North Carolina Physical Therapy Association Fall Conference, 10/13

Myers CW, Urko SA, Sloan AC, Thomas KL, Bareiss SK, **Jones TE**. The effects of exercise on skeletal muscle in Alzheimer's disease. North Carolina Physical Therapy Association Fall Conference, 10/13

Poplin J, Greyard M, Sloan A, Thomas K, Bareiss S, **Jones TE**. The impact of exercise on skeletal muscle in Alzheimer's disease. North Carolina Physical Therapy Association Fall Conference, 10/13

Lattimore KA, Foster JC, Burgess S, Sloan AC, Bareiss SK, **Jones TE**. The effects of Alzheimer's disease on skeletal muscle and its response to exercise. North Carolina Physical Therapy Association Fall Conference, 10/12

Martin PS, Burgess S, Sloan AC, Bareiss SL, **Jones TE**. Skeletal muscle mitochondria with Alzheimer's disease: a first look. North Carolina Physical Therapy Association Fall Conference, 10/12

Matthews BC, Shi R, Whitworth HB, Mixon WT, Gordon SE, **Jones TE**. Skeletal muscle vitamin D receptor expression with aging and exercise. North Carolina Physical Therapy Association Fall Conference, 10/11

Stearn CM, Rice LB, Williams JE, Pearce MM, **Jones TE**. Effects of a high-fat diet and muscle contraction on the expression of the glucose transporter in skeletal muscle. North Carolina Physical Therapy Association Fall Conference, 10/11

Wood MK, Doherty E, Pearce MM, Bareiss SK, Brewer KL, **Jones TE**. The effects of chronic pain on skeletal muscle and its response to exercise. North Carolina Physical Therapy Association Fall Conference, 10/11

King JG, Stephenson KW, **Jones TE**. Calcium elevates GLUT4 transcriptional activity in the presence of elevated fatty acids. North Carolina Physical Therapy Association Fall Conference, 10/07

Eleven posters during doctoral and post-doctoral tenure

REVIEWER

Exp Physiol
Arch Phys Med Rehabil
Exerc Sport Sci Rev

GRADUATE STUDENTS TRAINED

Ellis Jensen (02/04 – 12/06) PhD Dissertation, Dept. of Exercise and Sport Science, co-mentor, dissertation titled “The role of CaMK in the activity-dependent regulation of GLUT4 gene expression”

GRADUATE COMMITTEES

Matthew Salzano (10/14 – 07/15) Master’s Thesis, Dept. of Kinesiology, committee member, thesis titled “Effects of extracellular matrix stiffness on muscle fiber mechanotransduction signaling in aged rats”

Matt Hinkley (09/14 – 12/15) PhD Dissertation, Dept. of Kinesiology, committee member, thesis titled “Alterations in insulin action and contraction-mediated metabolism in myotubes derived from Roux-en-Y gastric bypass patients”

Javid Hakimi (09/14 – 07/15) Master’s Thesis, Dept. of Kinesiology, committee member, thesis titled “Mouse strain dependent differences in muscle fiber type, fiber area, and blood flow in response to denervation atrophy”

Greta Stouffer (10/12 - 07/13) Master’s Thesis, Dept. of Kinesiology, committee member, thesis titled “Effects of moderate aerobic exercise on the attenuation of lean mass during rapid weight loss”

Steven Rosen (09/12 - 06/13) Master’s Thesis, Dept. of Kinesiology, committee member, thesis titled “The effect of a 12-week high-fat diet on the atrophy response of a denervated mouse muscle”

Hoke Whitworth (10/10 - 11/12) Master’s Thesis, Dept. of Kinesiology, committee member, thesis titled “Paired effects of dietary leucine supplementation and overload on protein translational signaling and hypertrophy in aged rat skeletal muscle”

William Mixon (09/10 - 07/11) Master’s Thesis, Dept. of Exercise and Sport Science, committee member, thesis titled “Effects of dietary leucine supplementation on muscle mass and markers of protein degradation in overloaded skeletal muscles of young adult and aged rats”

Sarah George (10/03 - 5/04) Master’s Thesis, Dept. of Exercise and Sport Science, committee member, thesis titled “The effect of L-NAME administration on angiogenesis in overloaded, hypertrophying rat skeletal muscle”

DPT STUDENT PROJECTS DIRECTED

Carter Smith – Skeletal muscle glucose oxidation in obesity and type 2 diabetes. (2016-2017)

Colby Fordham – Impact of high fat/high sucrose diet and aerobic exercise on pyruvate dehydrogenase in the spinal cord (2016-2017)

Mary Greyard (2) – Skeletal muscle protein synthesis in type 2 diabetes (2015-2016) Impact of a high fat, high sucrose diet on spinal cord metabolism (2015-2016)

Katie Letsinger & Kristian Spirakas – Skeletal muscle response to systemic inflammation from chronic pain and its impact on functional proteins (2015=2016)

Sarah Billings – Type 2 diabetes and skeletal muscle: a potential role for skeletal muscle to contribute to the high glucose seen in diabetes. (2014-2015)

Paul Kruschesky – A fast muscle's response to chronic pain and exercise. (2014-2015)

Caitlin Cook – Effect of chronic exercise on skeletal muscle mass in Alzheimer's disease. (2014-2015)

Morgan Pearce (2) – The effect of exercise on inflammatory markers in children that are lean and obese (2013-2014) The effect of a 3-day high-fat diet on human skeletal muscle PDH phosphorylation (2013-2014)

Caitlin Myers – The effect of exercise on skeletal muscle Akt in Alzheimer's disease (2013-2014)

Sandy Urko – Effect of exercise on skeletal muscle calpains in Alzheimer's disease (2013-2014)

Jonathan Poplin – The impact of exercise on skeletal muscle in Alzheimer's disease (2013-2014)

Kristen Lattimore & Jessica Foster – The effects of Alzheimer's disease on skeletal muscle and its response to exercise (2012-2013)

Polly Martin – Skeletal muscle mitochondria with Alzheimer's disease: a first look (2012-2013)

Brittanny Matthews – Vitamin D receptor expression with aging and exercise in skeletal muscle (2011-2012)

Courtney Stearn – Effects of a high-fat diet and muscle contraction on the expression of the glucose transporter in skeletal muscle (2011-2012)

Melissa Wood – The effects of chronic pain on skeletal muscle and its response to exercise (2011-2012)

Brittany Rice – Transcriptional regulation of skeletal muscle GLUT4 by elevated long chain fatty acids (2010-2011)

Meghan Belanger – Vitamin D receptor expression (2010-2011)

Eamon Doherty – Using the chronic pain model: the effects of chronic pain exercise upon glycogen synthase-3 beta expression in skeletal muscle (2010-2011)

Matthew Duncan – Cytosolic calcium and exercise-induced skeletal muscle brain-derived neurotrophic factor (2010-2011)

Jonathan Williams – The effect of fatty acid chain length, saturation, and carbon arrangement on GLUT4 transcriptional activity in L6 myotubes (2009-2010)

Johanna Stanley Murrell – Myosin heavy chain expression in head tilt mice (2009-2010)

Aaron Wooten – Vitamin D and skeletal muscle metabolism (2009-2010)

Kenneth McConnaughey – The effect of calcium on the human GLUT4 promoter through myocyte enhancer factor (2008-2009)

Rachel Schnegelberger – The effect of calcium on the human GLUT4 promoter through the GLUT4 enhancer factor (2008-2009)

Katherine Parrish – The effect of elevated fatty acids on the human GLUT4 promoter (2008-2009)

Katherine Stephenson – The effect of calcium on human GLUT4 gene expression (2007-2008)

Julia King – The effect of AMP on human GLUT4 gene expression (2007-2008)

Kylie Knight – Skeletal muscle adaptation in the *tilted* mouse (2007-2008)

UNDERGRADUATE STUDENT RESEARCH DIRECTED

Carson Cook – EXSS 4991 and EXSS 4992 – Research and internship supervisor (2015-2016)

Jordan Griffin – EXSS 4992 – Internship supervisor (2015)

Michaela Morris – EXSS 4991 and EXSS 4992 – Research and internship supervisor (2014-2015)

Mary Greyard – EXSS 4991 and EXSS 4992 – Research and internship supervisor (2012-2013)

Sarah Billings – EXSS 4991 and EXSS 4992 – Research and internship supervisor (2011-2012)

Morgan Pearce – EXSS 4991 and EXSS 4992 – Research and internship supervisor (2010-2011)

CURRENT COURSES

PTHE 8700 Cardiovascular and Pulmonary Rehabilitation – course director (Fall 3 sh)

PTHE 8704 Health Promotion for Physical Therapists – (Fall 2 sh)

PTHE 8502 Muscle Physiology (Fall 3 sh)

P THE 8901 Advances in Muscle Research (Spring 2 sh)

P THE 8906/7 Research Concentration (10 sh over Summer, Fall, Spring)

PROFESSIONAL ACTIVITIES

University	<ul style="list-style-type: none"> Member, Institutional Biosafety Committee (2009-2017) Member, Graduate Faculty (2004-2017) Member, School of Dental Medicine Tenure Committee (2011) Vice-Chair, Calendar Committee (2010-2011) Member, Calendar Committee (2008-2010) Judge – ECU Research and Creative Achievement Week (2008, 2009)
College	<ul style="list-style-type: none"> Chair, CLSC Personnel Committee (2013-2017) Chair, CLSC Faculty Search Committee (2014) Chair, CLSC Faculty Search Committee (2015) Member, CAHS Faculty Council (2016-2017) Member, CLSC Faculty Search Committee (2016) Member, Performance Review Committee (CSDI) (2014) Member, Research and Scholarly Activities Committee (2012-2014) Chair, CAHS Graduate Affairs and Curriculum Committee (2010-2011) Member, Graduate Affairs and Curriculum Committee (2005-2010)
Departmental	<ul style="list-style-type: none"> Chair, Personnel Committee (2012-2017) Chair, Tenure Committee (2012-2017) Chair, Promotion Committee (2012-2017) Chair, Faculty Search Committee (2017-2018) Chair, Faculty Search Committee (2016-2017) Graduate Program Director (2012-2016) Chair, Faculty Search Committee (2012-2013) Chair, Lab Manger Search Committee (2013-2014) Chair, Performance Review Committee (2014) Member, Personnel Committee (2009-2012) Member, Tenure Committee (2009-2012) Member, Promotion Committee (2009-2012) Member, Department Chair Search Committee (2009-2011) Member, Faculty Search Committee (2003-2005, 2008-2011)
Extramural	
Memberships	<ul style="list-style-type: none"> American Diabetes Association (2004 – present) American Physiological Society (2004 – present) East Carolina Diabetes and Obesity Institute (2010 – present)