

Scott A. Spier, Ph.D.

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EDUCATION

Doctor of Philosophy (Exercise Physiology)

Department of Health and Kinesiology
Texas A&M University, College Station, TX
Conferred: August 2003

Master of Science (Exercise Physiology)

Department of Health and Kinesiology
Texas A&M University, College Station, TX
Conferred: December 1998

Bachelor of Science (Finance)

Department of Economics and Finance
Louisiana Tech University, Ruston, LA
Conferred: May 1993

PROFESSIONAL EXPERIENCE

The University of Texas at Tyler (Tyler, TX)

2015 – present Graduate Coordinator, MS Kinesiology program
2009 – present Associate Professor with Tenure, Department of Health and Kinesiology
2003 – present Member, Graduate Faculty
2003 – 2009 Assistant Professor, Department of Health and Kinesiology
2002 – 2003 Instructor, Department of Health and Kinesiology

Blinn College (Bryan, TX)

Spring 2002 Instructor (Biology I), Division of Natural Sciences

Brazos Christian School (Bryan, TX)

2000 – 2001 Biology Instructor (High School)

Texas A&M University (College Station, TX)

1999 – 2002 Graduate Assistant – Research, Department of Health and Kinesiology
1998 – 1999 Research Assistant (full-time), Department of Health and Kinesiology
1996 – 1998 Graduate Assistant – Teaching/Research, Physical Education and Activity Program, Department of Health and Kinesiology

RESEARCH INTERESTS

Vascular control mechanisms in skeletal muscle and the brain, and the influence of aging and exercise training on these mechanisms

PEER-REVIEWED JOURNAL ARTICLES

1. Ghosh P, FM Solis, J Dominguez, **SA Spier**, AJ Donato, MD Delp, and JM Muller-Delp. Exercise training reverses aging-induced impairment of the myogenic response in skeletal muscle arterioles. *J. Appl. Physiol.* 118(7): 904-911, 2015. (15 citations*)
Chosen for APSselect (for distinction in scholarship in J Appl Physiol)
Selected for Editor's Picks section – June 2015
2. MD Delp, BJ Behnke, **SA Spier**, Y Park, G Wu, and JM Muller-Delp. Aging diminishes endothelium-dependent vasodilation and tetrahydrobiopterin content in rat skeletal muscle arterioles. *J. Physiol.* 586 (4): 1161-1168, 2008. (111 citations*)
3. **Spier SA**, MD Delp, JA Stallone, and JM Muller-Delp. Exercise training enhances flow-induced vasodilation in skeletal muscle resistance arteries of aged rats: role of PGI₂ and nitric oxide. *Am. J. Physiol. Heart Circ. Physiol.* 292: H3119-H3127, 2007. (61 citations*)
4. **Spier SA**, MD Delp, CJ Meininger, AJ Donato, MW Ramsey, and JM Muller-Delp. Effects of ageing and exercise training on endothelium-dependent vasodilatation and structure of rat skeletal muscle arterioles. *J Physiol.* 556(3): 947-958, 2004. (187 citations*)
Highlighted with *Perspectives* editorial commentary (Dinenno FA. Ageing, exercise training, and resistance vessels: more than just no NO? *J Physiol.* 556(3): 673, 2004.)
5. Behnke, BJ, MD Delp, P McDonough, **SA Spier**, DC Poole and TI Musch. Effects of chronic heart failure on microvascular oxygen exchange dynamics in muscles of contrasting fiber type. *Cardiovasc Res* 61: 325-332, 2004. (51 citations*)
6. Muller-Delp, JM, **SA Spier**, MW Ramsey, and MD Delp. Aging impairs endothelium-dependent vasodilation in rat skeletal muscle arterioles. *Am. J. Physiol. Heart Circ. Physiol.* 283: H1662-H1672, 2002. (192 citations*)
7. Muller-Delp, JM, **SA Spier**, MW Ramsey, L Lesniewski, A Papadopoulos, JD Humphrey, and MD Delp. Effects of aging on vasoconstrictor and mechanical properties of rat skeletal muscle arterioles. *Am. J. Physiol. Heart Circ. Physiol.* 282: H1843-H1854, 2002. (107 citations*)
8. **Spier SA**, MH Laughlin, and MD Delp. Effects of acute and chronic exercise on vasoconstrictor responsiveness of rat abdominal aorta. *J. Appl. Physiol.* 87:1752-1757, 1999. (51 citations*)

*Source: *Researchgate.net* (07/2020)

PUBLISHED ABSTRACTS PRESENTED AS POSTERS

(*Italics* = student)

1. **Spier SA**, *E Boyd*, *A de Jong*, and *L Evans*. Effects of exercise training on endothelium-dependent vasodilation in cerebral arteries. *Med. Sci. Sports Exerc.* 44 (5, Suppl.): 3305, 2012.
2. *Boyd E*, *L Evans*, *A de Jong*, and **SA Spier**. Effect of exercise training on endothelium-dependent vasodilation in cerebral arteries. *International Journal of Exercise Science*, 2(3): 4, 2011.
3. *De Jong A*, *L Evans*, *E Boyd*, and **SA Spier**. Effects of aging on endothelium-dependent vasodilation in cerebral arteries. *International Journal of Exercise Science*, 2(3): 29, 2011.
4. **Spier SA**, *J Gallegly*, *L Deal*, *E Buess*, and *MP Patrick*. Mechanisms of enhanced endothelium-dependent vasodilation in skeletal muscle resistance vasculature following acute exercise. *Med. Sci. Sports Exerc.* 41 (5, Suppl.): 1603, 2009.
5. *Patrick MP*, *MA Engelbrecht*, *BP Daniel*, and **SA Spier**. Effects of acute exercise on endothelium-dependent vasodilation in skeletal muscle arterioles and feed arteries. *FASEB J.* 21: LB515, 2007.
6. **Spier SA**, *MA Engelbrecht*, and *MP Patrick*. Acute exercise does not alter alpha-adrenergic responsiveness of soleus muscle arterioles and feed arteries. *FASEB J.* 21: LB514, 2007.
7. *Reyes RA*, *KE Nichol*, **SA Spier**, *A LeBlanc*, *JM Muller-Delp*. Effects of age and exercise training on nitric oxide bioavailability in cerebral resistance arteries. *Med. Sci. Sports Exerc.* 38 (11, Suppl. 1): S4, 2006.
8. *Engelbrecht MA* and **SA Spier**. Effect of acute exercise on alpha-adrenergic responsiveness of rat skeletal muscle arterioles. *FASEB J.* 20: LB28, 2006.
9. *Muller-Delp JM*, *JN Stallone*, *MM Sellers*, **SA Spier**, and *MD Delp*. Cyclooxygenase expression and activity in skeletal muscle arterioles: effects of age and exercise training. *The Physiologist* 47(4): 6.7, 2004.
10. **Spier, SA**, *MD Delp*, *CJ Meininger*, *AJ Donato*, *MW Ramsey* and *JM Muller-Delp*. Effects of aging and exercise training on endothelium-dependent vasodilation and structure of skeletal muscle arterioles. *FASEB J.* 18: LB457, 2004.
11. *Muller-Delp, JM*, **SA Spier**, *MD Delp*. Effects of aging and exercise on function of skeletal muscle arterioles. *Med. Sci. Sports Exerc.* 35 (Suppl.5): S6, 2003.

12. **Spier, SA**, MD Delp, MW Ramsey and JM Muller-Delp. Mechanisms of enhanced flow-induced dilation of skeletal muscle arterioles: effects of age and training. *FASEB J.* 17: 2003. (*APS EEP Section Proctor and Gamble Professional Opportunity Award*)
13. **Spier, SA**, MD Delp, MW Ramsey and JM Muller-Delp. Effects of age and exercise training on myogenic responsiveness of skeletal muscle arterioles. *FASEB J.* 17: 2003. (*APS Cardiovascular Section Young Investigator Award*)
14. Song, W, **SA Spier**, J Muller-Delp, J Lawler. Effects of aging and exercise training on iNOS protein expression in skeletal muscle. *Med. Sci. Sports Exerc.* 34 (Suppl.5): S189, 2002.
15. Donato, AJ, **SA Spier**, MD Delp and J Muller-Delp. Effects of aging on endothelial nitric oxide synthase mRNA in skeletal muscle arterioles. *FASEB J.* 16: LB10, 2002.
16. **Spier, SA**, MD Delp, MW Ramsey and JM Muller-Delp. Exercise training attenuates aging-associated reductions in endothelium-dependent vasodilation of rat skeletal muscle arterioles. *FASEB J.* 16: A766, 2002.
17. Ramsey MW, MD Delp, **SA Spier**, TA Miller, and JM Muller-Delp. The effects of aging on morphology and collagen composition of rat skeletal muscle arterioles. *Med. Sci. Sports Exerc.* 33 (Suppl.5): S20, 2001.
18. **Spier, SA**, MD Delp, MW Ramsey, JM Muller-Delp. Exercise training enhances flow-induced vasodilation of skeletal muscle arterioles from aged rats. *FASEB J.* 15: LB56, 2001.
19. **Spier, SA**, MD Delp, MW Ramsey, and JM Muller-Delp. Mechanisms of endothelium-dependent flow-induced vasodilation in rat skeletal muscle arterioles. *FASEB J.* 15: A51, 2001.
20. **Spier, SA**, MD Delp, and JM Muller-Delp. Effects of aging on endothelium-dependent vasodilation in skeletal muscle arterioles. *Journal of Aging and Physical Activity* 8(3): 290, 2000.
21. Ramsey, MW, MD Delp, **SA Spier**, and JM Muller-Delp. The effects of aging on mechanical properties of rat skeletal muscle arterioles. *FASEB J.* 14(4): A7, 2000.
22. **Spier, SA**, MD Delp, and JM Muller-Delp. Vasodilatory responsiveness of skeletal muscle arterioles of aged Fischer 344 rats. *FASEB J.* 14(4): A33, 2000.
23. Muller-Delp, JM, MD Delp, and **SA Spier**. Aging decreases myogenic responsiveness in rat skeletal muscle arterioles. *Med. Sci. Sports Exerc.* 31(Suppl. 5): S121, 1999.
24. **Spier, SA**, MH Laughlin, and MD Delp. Effects of acute and chronic exercise on vasoconstrictor responsiveness of rat aorta. *Med. Sci. Sports Exerc.* 31(Suppl. 5): S353, 1999. (Selected for Thematic Poster Session)

ABSTRACTS PRESENTED AS POSTER (NOT PUBLISHED)

(*Italics* = student)

1. *Alikhan M, Gallegly J, Deal L, Buess E, Patrick MP*, and **Spier SA**. Mechanisms of enhanced endothelium-dependent vasodilation in skeletal muscle resistance vasculature following acute exercise. Presented by *Mir Alikhan* (B.S. – Health & Kinesiology student) at the Texas chapter of the American College of Sports Medicine (TACSM) Annual Meeting, Spring 2009. (*3rd place – Undergraduate category*)
2. *Patrick MP, MA Engelbrecht, BP Daniel*, and **SA Spier**. Effects of acute exercise on endothelium-dependent vasodilation in skeletal muscle arterioles and feed arteries. Presented by *Marcus Patrick* (M.S. – Clinical Exercise Physiology student) at the Texas chapter of the American College of Sports Medicine (TACSM) Annual Meeting, March 1, 2007. (*2nd place – Masters category*)
3. **Spier SA**, MD Delp, MW Ramsey, and JM Muller-Delp. Effects of aging and exercise training on endothelium-dependent vasodilation of skeletal muscle arterioles. Presented at the Texas chapter of the American College of Sports Medicine (TACSM) Annual Meeting, Georgetown, TX, February 15, 2002. (*3rd place – Doctoral category*)
4. **Spier SA**, MD Delp, and JM Muller-Delp. Exercise training enhances flow-induced vasodilation of skeletal muscle arterioles from aged rats. Presented at the Texas chapter of the American College of Sports Medicine (TACSM) Annual Meeting, Fort Worth, TX, February 23, 2001. (*2nd place – Doctoral category*)
5. **Spier SA**, MD Delp, MW Ramsey, and JM Muller-Delp. Aging impairs flow-induced dilation in skeletal muscle arterioles of Fischer 344 rats. Presented at the Texas chapter of the American College of Sports Medicine (TACSM) Annual Meeting, College Station, TX, February 11, 2000.

INVITED PRESENTATIONS

1. Effects of aging and exercise on vasodilator mechanisms in skeletal muscle. SEMINAR: Department of Kinesiology, Auburn University, Auburn, AL, March 25, 2008.
2. Aging, Exercise Training, and Vascular Function. SEMINAR: Department of Health and Kinesiology, University of Texas at Tyler, Tyler, TX, February 26, 2002.
3. Vasodilatory responsiveness of skeletal muscle arterioles of aged Fischer 344 rats. SEMINAR: Department of Health and Kinesiology, Texas A&M University, College Station, TX, March 10, 2000.

GRANT FUNDING

Grants Awarded

- University of Texas at Tyler Faculty Research Grant: *Effects of Aging on Vasodilation of Cerebral Arteries*. Principal Investigator, Summer 2008, \$6,872
- University of Texas at Tyler President's Faculty/Student Research Grant: *Is Vascular Sensitivity to Histamine Enhanced Following a Single Bout of Exercise?* Principal Investigator, Summer 2006, \$5,960
- University of Texas at Tyler Faculty Research Grant: *Effects Of Acute Exercise On Vasodilator Responsiveness Of Skeletal Muscle Arterioles*. Principal Investigator, Academic year 2005-06, \$7,000
- University of Texas at Tyler Faculty Research Grant: *Effects of acute exercise on vasoconstrictor responsiveness of skeletal muscle arterioles: implications on post-exercise hypotension*. Principal Investigator, Academic year 2004-05, \$5,553
- University of Texas at Tyler Faculty Research Grant: *The role of skeletal muscle arterioles in post-exercise hypotension*. Principal Investigator, Summer 2004, \$5,000
- Texas chapter of the American College of Sports Medicine Student Research Development Award: *Effects of exercise training on vasoreactivity of skeletal muscle arterioles in aged rats*, 2000-2001, \$500

Grants Submitted But Not Funded

- National Institutes of Health (National Institute of Aging) R15: *Aging, Exercise Training, and Cerebrovascular Function*. Principal Investigator, 2008-2011, \$182,820
- American College of Sports Medicine Research Endowment: *Mechanisms of enhanced endothelium-dependent vasodilation following one bout of exercise*. Principal Investigator, 2008-2009, \$10,000
- American Heart Association Scientist Development Grant: *Aging, Exercise Training, and Cerebrovascular Function*. Principal Investigator, 2008-2011, \$308,000
*not reviewed due to University's lack of animal welfare assurance number
- Office of Sponsored Research (University of Texas at Tyler) Research Instrumentation Grant: *Instrumentation for Isolated Microvessel Study*. Principal Investigator, 2005, \$32,500

- University of Texas at Tyler President's Faculty/Student Research Grant: *Acute Exercise and Endothelial Responsiveness of Skeletal Muscle Arterioles*. Principal Investigator, Summer 2005, \$6,000
- American Federation for Aging Research: *Effects of chronic exercise training on vasoreactivity of skeletal muscle arterioles in aged rats*. Principal Investigator, 2001-2002, \$5,500

HONORS AND AWARDS

University of Texas at Tyler

- Young Investigator Award, American Physiological Society - Cardiovascular Section (2003)
- Proctor & Gamble Professional Opportunity Award, American Physiological Society - Environmental & Exercise Section (2003)

Texas A&M University

- Dissertation manuscript (Spier et al., *J. Physiol.* 556: 947-958, 2004) was published with editorial commentary (Dinneno, *J. Physiol.* 556: 673, 2004)
- Research Presentation Award (Third Place – Doctoral Student category), Texas chapter of the American College of Sports Medicine (2002)
- Research Presentation Award (Second Place – Doctoral Student category), Texas chapter of the American College of Sports Medicine (2001)
- Student Research Development Award, Texas chapter of the American College of Sports Medicine (2000)
- Regents Fellowship, Texas A&M University (1999 – 2000)
- Distinguished Graduate Student Award, The Association of Former Students and the Office of Graduate Studies, Texas A&M University (1999)

PROFESSIONAL DEVELOPMENT (RESEARCH)

- Grant-writing workshop, University of Texas at Tyler Office of Sponsored Research, December 6, 2007
- National Science Foundation Day Workshop, University of Texas at Dallas, Dallas, TX, September 15, 2005
- FASEB Grantsmanship Training Program, Tucson, AZ, November 4 – 6, 2004

TEACHING EXPERIENCE

The University of Texas at Tyler (*graduate courses)

- ALHS 3335 Health & Wellness (online)
- ALHS 3350 Health Biometry

- KINE 1201/1202 Marathon Training
- KINE 3211/3311/3112 Physiology of Exercise + Laboratory (F2F, hybrid)
- KINE 4319 Aging and Physical Activity (hybrid)
- KINE 4321 Sport Nutrition (F2F, hybrid, and online)
- PYED 4356 Topics course: Athletic Performance Enhancement (F2F, online)
- *CEPH 5221/5121/5222 Neuromuscular Exercise Physiology + Laboratory
- *CEPH 5223/5123/5224 Cardiorespiratory Exercise Physiology + Laboratory
- *KINE 5216/5116/6217 Exercise Metabolism + Laboratory
- *KINE 5306 Topics course: Athletic Performance Enhancement (F2F, online)
- *KINE 5306 Topics course: Doping in Sports (online)
- *KINE 5306 Topics course: Environmental Exercise Physiology (online)
- *KINE 5306 Topics course: Current Issues in Exercise & Sport (online)
- *KINE 5315 Exercise Physiology II (F2F, online)
- *KINE 5317 Training Methods (online)
- *KINE 5318 Strength Development (F2F)
- *KINE 5341 Sports Nutrition (online)
- *KINO 6370 Research Methods (online)

Texas A&M University

- KINE 433 Exercise Physiology (graduate student instructor with Dr. Jack Wilmore as mentor)

Blinn College (Bryan, TX)

- BIOL 1408/1409 Introductory Biology I + Laboratory

PROFESSIONAL DEVELOPMENT (TEACHING)
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- International Society for Technology in Education (ISTE) Conference, San Antonio, TX, Summer 2017
- PATSS Best Practices in Online Education course – Summer 2017
- Patriots Accessing Technology for Success and Savings (PATSS) Academy – Training for developing and revising hybrid courses, UT Tyler, Summer 2017 (Revised KINE 3311 Physiology of Exercise)
- Patriots Accessing Technology for Success and Savings (PATSS) Academy – Training for developing and revising hybrid courses, UT Tyler, Summer 2016 (Developed KINE 4321 Sports Nutrition as a hybrid course)
- Patriots Accessing Technology for Success and Savings (PATSS) Academy – Training for developing and revising hybrid courses, UT Tyler, Summer 2015 (Revised KINE 3311 Physiology of Exercise as a hybrid course)
- Workshops for enhancement of online and hybrid teaching, Department of Academic Transformation, UT Tyler, 2016-2017
 - Canvas Training Workshop (Spring 2017)
 - Certification of Digital Teaching (Spring 2016)
 - Workshop: Universal Design

- Workshops for enhancement of online and hybrid teaching, Department of Academic Transformation, UT Tyler, 2015
 - Special Workshop: Designing Significant Learning Experiences with Dee Fink
 - Workshop: Creating Presentations (Spring 2015)
 - Workshop: Managing Feedback (Spring 2015)
 - Workshop: Collaborations for Groups (Spring 2015)
 - Workshop: Meaningful Discussion (Spring 2015)
 - Workshop: Open Educational Resources (Spring 2015)
 - Workshop: Introduction to Online Teaching and Learning (Spring 2015)
- Team-Based Learning workshop, sponsored by the College of Pharmacology, UT Tyler, Fall 2014
- Patriots Accessing Technology for Success and Savings (PATSS) Summer Academy Workshop – Training for developing and delivering hybrid courses, UT Tyler, Summer 2014
- Innovation for 21st Century: Learning Using the Methods of Science to Teach Science – lecture and workshop by Dr. Carl Weiman, UT Tyler, Fall 2013
- UT Tyler Faculty Workshop on Teaching and Learning – iPads: Group work and Class Discussions, August 2013
- Patriots Accessing Technology for Success and Savings (PATSS) Academy – Training for developing hybrid courses, UT Tyler, Summer 2013 (Developed KINE 3311 Physiology of Exercise as a hybrid course)
- Camtasia training, UT Tyler, March 7, 2013
- Ten Ways to Improve Blended Course Design, Spring 2012
- Elluminate training session, UT Tyler, Spring 2011
- Teaching online vs. F2F: 15 Differences That Affect Learning, Fall 2010
- Various teaching and technology workshops at UT Tyler, 2007 - 2010
- Podcasting workshop, Apple, Inc., Dallas, TX, December 15, 2006
- University of Texas Telecampus Course Development Training, Austin, TX, October 23-24, 2003

GRADUATE STUDENT RESEARCH ADVISORY

Primary Advisor

- Elisa Boyd, M.S. (Independent Study; 2010 – 2011)
Project title: *Aging, Exercise Training, and Cerebrovascular Function*
- Jay Gallegely, M.S. (Graduate Assistant; 2008 - 2009)
Project title: *Mechanisms of Enhanced Endothelium-Dependent Vasodilation of Skeletal Muscle Arterioles Following Acute Exercise*
Award(s): *Student Research Development Award (\$500), Texas chapter of the American College of Sports Medicine, 2008*
- Marcus Patrick, M.S. (Graduate Assistant; 2006 – 2007)

Project title: *Effects of Acute Exercise on Endothelium-Dependent Vasodilation in Skeletal Muscle Arterioles*

Award(s): *Second Place, Research Presentation Award, Masters student category, Texas chapter of the American College of Sports Medicine Annual Meeting, 2007*

- Marc Engelbrecht, D.O., M.S. (Thesis; 2005 – 2006)
Project title: *Effects of Acute Exercise on Vasoconstrictor Responsiveness of Skeletal Muscle Arterioles*
Award(s): *Student Research Development Award (\$500), Texas chapter of the American College of Sports Medicine, 2005*

Committee Member

- Conner Benson (2017 – 2019)
Project title: *TBD*
- Colby Craddock (2016 – 2017)
Project title: *Preserving Cognitive Function in Older Adults Using Bilateral Motor Task Training*
- Casey Scruggs (2011 – 2012)
Project title: *Biomechanical Analysis and Lower Leg EMG Activity in Barefoot, Vibram Five Finger, and Neutral Running Shoe Conditions*
- Diane Shore (2007 – 2008)
Project title: *Strength, Function Ability, and Laxity Following ACL Graft Surgery*

UNDERGRADUATE STUDENT RESEARCH ADVISORY

- Divya Srinivasan (2016 – 2017)
- Amanda de Jong (2010 – 2011)
- Landon Evans (2010 – 2011)
- Doug Vardeman (2010 – 2011)
- Mir Alikhan (2008) - *Third Place, Research Presentation Award, Undergraduate student category, Texas chapter of the American College of Sports Medicine Annual Meeting, 2009*
- Lindsay Deal (2008)
- Eric Buess (2008)
- Brian Daniel (2006)

PROFESSIONAL MEMBERSHIPS

Texas chapter of the American College of Sports Medicine (1998 – present)

American College of Sports Medicine (1999 – present)

American Physiological Society (2000 – present)
American Heart Association (2007 – 2008)

PROFESSIONAL SERVICE

American College of Sports Medicine – Texas chapter (TACSM)

- Nominated for President-Elect (2016, 2017, 2020)
- Board of Directors, Continuing Education Representative (2004 – 2011)
- Student Bowl Planning Committee (2009 – 2010)

American College of Sports Medicine – Texas chapter (TACSM) Annual Meeting

- Judge, Student Bowl (2011 – 2013, 2015, 2020)
- Judge, Poster Presentations, Undergraduate Students category (2005, 2008, 2012, 2013)
- Reviewer, Student Research Development Awards (2009)
- Judge, Poster Presentations, Masters Students category (2007)
- Judge, Poster Presentations, Doctoral Students category (2006)
- Reviewer, Student manuscripts for the TACSM Manuscript Awards (2005)
- Judge, Poster Presentations, Professionals-in-Training category (2004)

Manuscript Peer Review

- *Journal of Gerontology - Biological Sciences*
- *Journal of Applied Physiology*

ACADEMIC SERVICE

University

- Faculty Senate (2016 - 2019)
- Faculty Affairs Committee (2016 – 2019)
- Admissions/Recruitment/Retention Committee (2016 – 2017)
- Student Financial Appeals Committee (2016 – 2017)
- University Information Technology Committee (2014 – 2017)
- Faculty Senate Special Task Force – Tenure & Promotion (2016)
- Graduate School Representative – Dissertation Defense (2016)
- Faculty Panel – PATSS Training Workshop
- University Search Committee – Executive Director of Academic Success (2013)
- Graduate Council (2010 – 2013)
- Institutional Animal Care and Use Committee (2006 – 2007)
- Faculty Senate (Senior Senator, 2006 – 2007; Alternate Senator, 2005 – 2006)
- University Vivarium Planning Committee (Consultant, 2005 – 2006)
- University Core Curriculum Committee (2005 – 2006)
- Alpha Omega Luncheon planning committee (2005)
- Faculty Awards Committee (2002 – 2004)

College

- College Teaching Award Committee (2015 – 2019) – *Chair* 2018-2019
- CNHS Student Success Initiative (Fall 2018)
- Search committee for Field Coordinator of MOT Bridge Program (Spring 2018)
- Search committee for Director of MOT Bridge Program (Spring 2017)
- Dean's Masters of Occupational Therapy (MOT) Bridge Program proposal task force (2015 – 2017)
- Roundtable participant – CNHS Teaching Workshop (2016)
- College Tenure & Promotion Guidelines Task Force for non-tenure track and clinical faculty (2015 – 2016)
- College Tenure & Promotion Evaluation Committee (2013 – 2014)
- College Curriculum Committee (2010 – 2011)

Department

- Graduate Coordinator – Kinesiology (2015 – present)
- Department Tenure & Promotion Evaluation Committee (2009 – present)
- BA Wellness SLO/Assessment Revision committee (*Chair*, 2018 – present)
- Faculty Evaluation Committee (*Chair*, 2016 – 2017)
- Ad Hoc Graduate Admission Criteria Committee (2016 – 2017)
- Peer Teaching Evaluator (2015 - present)
- Search Committees – Tenure-track faculty positions
 - Exercise Science (*Chair*, 2014 – 2015)
 - Nutrition (Member, 2014)
 - Exercise Physiology (*Chair*, 2011 – 2012)
 - Exercise Physiology (*Chair*, 2010 – 2011)
 - Biomechanics (Member, 2009 – 2010)
 - Pedagogy (Member, 2009)
 - Biomechanics (Member, 2007 – 2008)
 - Department Chair (Member, 2007 – 2008)
 - Biomechanics (*Chair*, 2005)
 - Health (Member, 2004)
- Graduate Admissions Committee – Kinesiology (2013 – present)
- Learning Outcomes (Kinesiology degrees) Committee (2013)
- Graduate Admissions Requirements Committee (2013)
- Academic and Service Awards Committee (2013)
- Peer Teaching Evaluation Group (*Chair*, 2012 – 2013)
- Advisor, Undergraduate B.S. KINE majors (Fall 2011 – Summer 2012)
- Faculty Sponsor, UT Tyler Student Bowl teams for TACSM Annual Meetings (2010 – 2013, 2015 – 2016)
- M.Ed. Comprehensive Exam Committee (*Chair*, 2009 – 2010)
- Coordinator of the Exercise Physiology Lab (2008 – 2013)
- Faculty Advisor, Kinesiology Club (2008 – 2010)

COMMUNITY SERVICE

2009-10 Consultant, Science Fair project for Maria Chroneos (local 8th grader)

CONFERENCES ATTENDED (LAST 10 YEARS)

- Texas chapter of the American College of Sports Medicine (TACSM), Waco, TX, February 20 – 21, 2020
- Texas chapter of the American College of Sports Medicine (TACSM), Fort Worth, TX, February 28 – March 1, 2019
- Texas chapter of the American College of Sports Medicine (TACSM), Waco, TX, March 2018
- Texas chapter of the American College of Sports Medicine (TACSM), Waco, TX, February 16 – 17, 2017
- Texas chapter of the American College of Sports Medicine (TACSM), College Station, TX, March 3 – 4, 2016
- Texas chapter of the American College of Sports Medicine (TACSM), Austin, TX, February 26 – 27, 2015
- American College of Sports Medicine Annual Meeting, Orlando, FL, May 28-June 1, 2014
- American College of Sports Medicine Annual Meeting, Indianapolis, IN, May 28-June 1, 2013
- Texas chapter of the American College of Sports Medicine (TACSM), Austin, TX, February 28 – March 1, 2013
- Texas chapter of the American College of Sports Medicine Annual Meeting, Austin, TX, March 1 – 2, 2012
- Texas chapter of the American College of Sports Medicine Annual Meeting, Austin, TX, February 24 – 25, 2011
- Texas chapter of the American College of Sports Medicine Annual Meeting, Tyler, TX, March 4 – 5, 2010