

# CURRICULUM VITAE

**Christopher R. Woodman, Ph.D.**

## **ADDRESS**

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## **EDUCATION**

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Postdoc	UNIVERSITY OF MISSOURI Area: Vascular Biology Mentor: Harold Laughlin	Columbia, MO 1999
Ph.D.	UNIVERSITY OF ARIZONA Major: Physiological Sciences Mentor: Charles Tipton	Tucson, AZ 1995
M.S.	UNIVERSITY OF ARIZONA Major: Exercise Science Mentor: Charles Tipton	Tucson, AZ 1989
B.A.	COLGATE UNIVERSITY Major: Biology	Hamilton, NY 1986

## **PROFESSIONAL EXPERIENCE**

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2014-2015	Associate Department Head   Chair Kinesiology Division, Department of Health and Kinesiology, Texas A&M University; College Station, TX
2011-Present	Associate Professor, Department of Health and Kinesiology Texas A&M University; College Station, TX
2011-Present	Associate Professor, Department of Veterinary Physiology and Pharmacology Texas A&M University; College Station, TX
2006-Present	Investigator, Cardiovascular Research Institute Texas A&M University; College Station, TX
2006-2011	Assistant Professor, Department of Veterinary Physiology and Pharmacology Texas A&M University; College Station, TX
2006-2011	Assistant Professor, Department of Health and Kinesiology Texas A&M University; College Station, TX

2000-2005	Research Assistant Professor, Department of Biomedical Sciences University of Missouri; Columbia, MO
1996-2000	Postdoctoral Fellow, Department of Biomedical Sciences University of Missouri; Columbia, MO
1995-1996	Lecturer, Department of Physiology University of Arizona College of Medicine; Tucson, AZ
1995-1996	Coordinator, Human Performance Laboratory, Department of Physiology University of Arizona; Tucson, AZ
1993-1995	NASA Pre-Doctoral Fellow, Department of Physiology University of Arizona College of Medicine; Tucson, AZ
1992-1993	Visiting Researcher, Life Sciences Division NASA Ames Research Center; Mountain View, CA
1991-1993	NIH Pre-Doctoral Trainee, Department of Physiology University of Arizona College of Medicine; Tucson, AZ
1990-1995	Graduate Teaching Assistant, Department of Physiology University of Arizona College of Medicine; Tucson, AZ
1986-1990	Research Assistant, Department of Exercise and Sport Sciences University of Arizona; Tucson, AZ

## **HONORS AND AWARDS**

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2021	Recipient: Association of Former Students Distinguished Achievement Award for Teaching (College-Level); Texas A&M University <i>Award recognizing outstanding teachers whose commitment to student development exemplifies the meaning of teacher/mentor in its highest sense</i>
2020	Nominated: Association of Former Students Distinguished Achievement Award for Teaching (University-Level); Texas A&M University
2012	Nominated: Association of Former Students Distinguished Achievement Award for Teaching (University-Level); Texas A&M University
2012	Nominated: Association of Former Students Distinguished Achievement Award for Teaching (College-Level); Texas A&M University
2011	Nominated: Association of Former Students Distinguished Achievement Award for Teaching (University-Level); Texas A&M University
2011	Collins Faculty Fellow, Texas A&M University <i>Award recognizing a College of Education and Human Development (CEHD) early career faculty member who has made significant contributions to research</i>
2008, 2009	Journal of Applied Physiology, Star Reviewer <i>Honor recognizing service to the editorial board of Journal of Applied Physiology</i>

- 2001-2006 NIH Research Career Development Award  
*Award to an individual in the early stages of their career to help the transition to an independent investigator*
- 1997-2000 NIH National Research Service Award  
*Individual postdoctoral fellowship to support research training of a highly promising postdoctoral candidate who has the potential to become a productive, independent investigator in health-related research fields*
- 1993-1996 NASA Predoctoral Fellow  
*Individual predoctoral fellowship to support research training of a highly promising doctoral candidate*
- 1992 NASA Certificate of Recognition  
*Honor recognizing contributions to research as visiting scientist at NASA AMES Research Center.*
- 1992 University of Arizona Graduate Academic Scholarship
- 1992 Student Research Award: American Society for Gravitational and Space Biology
- 1991 NASA PARE.01 Muscle Atrophy Experimental Team Member; Space Shuttle Discovery, STS 48 Mission  
*Member of research team for experiment flown on Space Shuttle Discovery to examine changes caused by exposure to microgravity in antigravity muscles.*
- 1990 Student Research Award: American Society for Gravitational and Space Biology
- 1989 Student Research Award: American Society for Gravitational and Space Biology
- 1989 Student Research Award: FASEB, Environmental. & Exercise Physiology

## **RESEARCH GRANTS**

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*NIH: National Institutes of Health*

*AHA: American Heart Association*

*NASA: National Aeronautics and Space Administration*

*ACSM: American College of Sports Medicine*

*TAMU: Texas A&M University*

### Funding History

PI: \$1,040,782

Co-PI/Co-I \$3,625,580

Total \$4,666,362

### **Active Grants:**

2. Integrins as regulators of vascular contractility in aged resistance arteries  
Funder: NIH (R03)  
Funding Period: 2019-2022  
Role: Co-PI  
Direct Costs: \$100,000
- 1 Cell stiffness in vascular disease  
Funder: TAMU (Triads for Transformation)  
Funding Period: 2019-2022  
Role: Co-PI  
Direct Costs: \$32,000

## Completed Grants:

17. Improving vascular smooth muscle function in the elderly with E<sup>2</sup> – exercise and epigenetics  
Funder: TAMU (PESCA).  
Funding Period: 2019-2021  
Role: Co-PI  
Direct Costs: \$18,000
16. Influence of genetic background on vascular function  
Funder: TAMU (Triads for Transformation)  
Funding Period: 2018-2020  
Role: PI  
Direct Costs: \$35,000
15. Aging and vascular smooth muscle dysfunction  
Funder: Huffines Institute (Faculty Research Grant Program)  
Funding Period: 2017-2018  
Role: PI  
Direct Costs: \$7,500
14. Aging of vascular smooth muscle in resistance arteries  
Funder: Huffines Institute (Finishing Touches)  
Funding Period: 2016-2017  
Role: PI  
Direct Costs: \$2,000
13. Vascular Biology: Post-translational mechanisms regulating eNOS activity in aged skeletal muscle feed arteries  
Funder: AHA South West Affiliate  
Funding Period: 2013-2015  
Role: PI/Mentor for MJ Luttrell  
Direct Costs: \$50,000
12. Vascular Biology and Aging: Modulation of endothelial phenotype by pressure and shear stress  
Funder: AHA South Central Affiliate  
Funding Period: 2010-2013  
Role: PI  
Direct Costs: \$140,000
11. Vascular Biology and Aging: Mechanisms of Endothelial Dysfunction  
Funder: AHA South Central Affiliate  
Funding Period: 2007-2010  
Role: PI  
Direct Costs: \$130,000
10. Caveolin Regulation of eNOS: role of aging and exercise training  
Funder: ACSM  
Funding Period: 2007-2008  
Role: PI/Mentor for DW Trott  
Direct Costs: \$5,000

9. Vascular Biology: Exercise Training and Coronary Disease  
Funder: NIH (Program Project Grant)  
Funding Period: 2006-2011  
Role: Co-I Project 3  
Direct Costs: \$1,327,892
8. Training: Muscle blood flow and capillary dynamics  
Funder: NIH (R01)  
Funding Period: 2004-2009  
Role: Co-I  
Direct Costs: \$1,125,000
7. Vascular Biology: Aging and Endothelial Dysfunction  
Funder: NIH (K01)  
Funding Period: 2001-2008 (includes no cost extension)  
Role: PI  
Direct Costs: \$450,000
6. Vascular Biology: Exercise Training and Coronary Disease  
Funder: NIH (Program Project Grant)  
Funding Period: 2000-2005  
Role: Co-I Project 3  
Direct Costs: \$1,022,688
5. Vascular Biology: Mechanisms of Endothelial Dysfunction in Senescent Rats  
Funder: University of Missouri (COR Grant)  
Funding Period: 2000-2001  
Role: PI  
Direct Costs: \$5,782
4. Vascular Biology and Simulated Microgravity  
Funder: NIH (NRSA)  
Funding Period: 1997-2000  
Role: PI  
Direct Costs: \$94,000
3. Vascular Biology and Cardiovascular Deconditioning  
Funder: AHA Missouri Affiliate  
Funding Period: 1997-1999  
Role: PI  
Direct Costs: \$55,000 (Award Declined by PI due to receipt of NIH NRSA)
2. Influence of Simulated Microgravity on Sympathetic Nervous Activity and Blood Flow Responses to Exercise  
Funder: NASA (Pre-Doctoral Fellowship)  
Funding Period: 1993-1996  
Role: PI  
Direct Costs: \$66,000



1996-Present  
1995-Present

American Journal of Physiology: Heart and Circulatory Physiology  
Journal of Applied Physiology

## **GRANT REVIEWS AND STUDY SECTIONS**

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2018 American Heart Association/Allen Initiative in Brain Health & Cognitive Impairment  
2009-Present American Heart Association: Vascular Biology and Blood Pressure Study Section  
2007 Luxembourg National Research Fund

## **PUBLICATIONS**

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### **Peer Reviewed Manuscripts**

*32/53 (60%) First or senior author*

*Google Scholar H-Index = 27*

*Italics denotes student advisees*

53. Ojha KR, *Shin SY*, Padgham S, Olmedo FL, Guo B, Han G, **Woodman CR**, and Trache A. Age-associated dysregulation of integrin function in vascular smooth muscle. *Front Physiol* 13: 1-15 2022. doi: 10.3389/fphys.2022.913673.
52. Trache A, Massett MP, and **Woodman CR**. Vascular smooth muscle stiffness and its role in aging. *Membrane Biomechanics* 86: 217-253, 2020.
51. *Luttrell MJ*, Kim H, *Shin SY*, *Holly D*, Massett MP, and **Woodman CR**. Heterogeneous effect of aging on vasorelaxation responses in large and small arteries. *Physiol Rep* 8: 1-11, 2020. <https://doi.org/10.14814/phy2.14341>
50. Coletta AM, Sanchez B, O'Connor A, Dalton R, Springer S, Koozehchain MS, Murano PS, **Woodman CR**, Rasmussen C, and Kreider RB. Alignment of diet prescription to genotype does not promote greater weight loss success in women with obesity participating in an exercise and weight loss program. *Obes Sci Pract* 4: 554-574, 2018.
49. **Woodman CR**, *Seawright JW*, *Luttrell MJ*, *Shin SY*, and Trache A. Importance of mechanical signals in promoting exercise-induced improvements in vasomotor function of aged resistance arteries. *Am J Physiol Heart Circ* 315: H602-H609, 2018.
48. *Seawright JW*, Sreenivasappa H, Gibbs HC, Padgham S, *Shin SY*, Chaponnier C, Yeh A, Trzeciakowski JP, **Woodman CR**, and Trache A. Vascular smooth muscle contractile function declines with age in skeletal muscle feed arteries. *Front Physiol* 9: 1-12, 2018. doi: 10.3389/fphys.2018.00856
47. Joubert DP, Granados JZ, Oliver JM, Noack BL, Grandjean PW, **Woodman CR**, Riechman SE, and Crouse SF. An acute bout of aquatic treadmill exercise induces greater improvements in endothelial function and post-exercise hypotension than land treadmill exercise: a crossover design. *Am J Phys Med Rehab* 97: 578-584, 2018.

46. *Seawright JW, Luttrell MJ, Trache A, and Woodman CR.* Short-term increases in pressure and shear stress attenuate age-related declines in endothelial function in skeletal muscle feed arteries. *Eur J Appl Physiol* 116:1305-1311, 2016.
45. *Seawright JW, Trache A, Wilson E, and Woodman CR.* Short-duration increases in intraluminal pressure improve vasoconstrictor responses in aged skeletal muscle feed arteries. *Eur J Appl Physiol* 116: 931-937, 2016.
44. *Seawright JW, Luttrell MJ, and Woodman CR.* Acute increases in intraluminal pressure improve vasodilator responses in aged soleus muscle feed arteries. *Eur J Appl Physiol* 114: 2213-2221, 2014.
43. *Luttrell MJ, Seawright JW, Wilson E, and Woodman CR.* Effect of age and exercise training on protein:protein interactions among eNOS and its regulatory proteins in rat aortas. *Eur J Appl Physiol* 113: 2761-2768, 2013.
42. *Trott DW, Luttrell MJ, Seawright JW, and Woodman CR.* Aging impairs PI3K/Akt signaling and NO-mediated dilation in soleus muscle feed arteries. *Eur J Appl Physiol* 113: 2039-2046, 2013.
41. *Trott DW, Seawright JW, Luttrell MJ, and Woodman CR.* NAD(P)H oxidase-derived reactive oxygen species contribute to age-related impairments of endothelium-dependent dilation in rat soleus feed arteries. *J Appl Physiol* 110: 1171-1180, 2011.
40. **Woodman CR.** Setting the tone for aging in the skeletal muscle microcirculation. *J Appl Physiol* 107: 377-379, 2009.
39. *Trott DW, Gunduz F, Laughlin MH, and Woodman CR.* Exercise training reverses age-related decrements in endothelium dependent dilation in skeletal muscle feed arteries. *J Appl Physiol* 106: 1925-1934, 2009.
38. *Lesniewski LA, Donato AJ, Behnke BJ, Woodman CR, Laughlin MH, Ray CA, and Delp MD.* Decreased NO signaling leads to enhanced vasoconstrictor responsiveness in skeletal muscle arterioles of the ZDF rat prior to overt diabetes and hypertension. *Am J Physiol Heart Circ Physiol* 294: H1840-H1850, 2008.
37. **Woodman CR, Trott DW,** and Laughlin MH. Short-term increases in intraluminal pressure reverse age-related decrements in endothelium-dependent dilation in soleus muscle feed arteries. *J Appl Physiol* 103: 1172-1179, 2007.
36. **Woodman CR,** Ingram D, Bonagura J, and Laughlin MH. Exercise training improves femoral artery blood flow responses to endothelium-dependent dilators in hypercholesterolemic pigs. *Am J Physiol Heart Circ Physiol* 290: H2362-H2368, 2006.
35. **Woodman, CR,** Thompson MA, Turk JR and Laughlin MH. Endurance exercise training improves endothelium-dependent relaxation in brachial arteries from hypercholesterolemic male pigs. *J. Appl Physiol* 99: 1412-1421, 2005.



34. **Woodman CR**, Price EM, and Laughlin MH. Shear stress induces eNOS mRNA expression and improves endothelium-dependent dilation in senescent soleus feed arteries. *J Appl Physiol* 98: 940-946, 2005.
33. Thompson MA, Henderson KK, **Woodman CR**, Turk JR, Rush JWE, Price EM and Laughlin MH. Exercise preserves endothelium-dependent relaxation in coronary arteries from hypercholesterolemic male pigs. *J Appl Physiol* 96: 1114-1126, 2004.
32. **Woodman CR**, Turk JR, Rush JWE, and Laughlin MH. Exercise attenuates the effects of hypercholesterolemia on endothelium-dependent relaxation in coronary arteries from adult female pigs. *J Appl Physiol* 96: 1105-1113, 2004.
31. Laughlin MH, **Woodman CR**, Schrage WG, Gute D, and Price EM. Interval sprint training enhances endothelial function and eNOS content in some arteries that perfuse white gastrocnemius muscle. *J Appl Physiol* 96: 233-244, 2004.
30. **Woodman CR**, Price EM, and Laughlin MH. Selected Contribution: Aging impairs nitric oxide- and prostacyclin-mediation of endothelium-dependent dilation in soleus feed arteries. *J Appl Physiol* 95: 2164-2170, 2003.
29. **Woodman CR**, Turk JR, Williams DP, and Laughlin MH. Exercise training preserves endothelium-dependent relaxation in brachial arteries from hyperlipidemic pigs. *J Appl Physiol* 94: 2017-2026, 2003.
28. Laughlin MH, Turk JR, Schrage WG, **Woodman CR**, and Price EM. Influence of coronary artery diameter on eNOS protein content. *Am J Physiol Heart Circ Physiol* 284: H1307-H1312, 2003.
27. Laughlin MH, Rubin LJ, Rush JWE, Price EM, Schrage WG, and **Woodman CR**. Short-term training increases endothelium-dependent relaxation in conduit coronary arteries, not coronary arterioles. *J Appl Physiol* 94: 234-244, 2003.
26. **Woodman CR**, Price EM, and Laughlin MH. Aging induces muscle specific impairment of endothelium-dependent dilation in skeletal muscle feed arteries. *J Appl Physiol* 93: 1685-1690, 2002.
25. Schrage WG, **Woodman CR**, and Laughlin MH. Mechanisms of flow and ACh-induced dilation in rat soleus arterioles are altered by hindlimb unweighting. *J Appl Physiol* 92: 901-911, 2002.
24. **Woodman CR**, Schrage WG, Rush JWE, Ray CA, Price EM, Hasser EM, and Laughlin MH. Hindlimb unweighting decreases endothelium-dependent dilation and eNOS expression in soleus not gastrocnemius. *J Appl Physiol* 91: 1091-1098, 2001.
23. Griffin KG, **Woodman CR**, Price EM, Laughlin MH, Parker JL. Endothelium-mediated relaxation of porcine collateral-dependent arterioles is improved by exercise training. *Circulation* 104: 1393-1398, 2001.
22. Laughlin MH, Pollock JS, Amann JF, Hollis ML, **Woodman CR**, and Price EM. Training induces non-uniform increases in eNOS content along the coronary arterial tree. *J Appl Physiol* 90: 501-510, 2001.

21. Rush, JWE, Laughlin MH, **Woodman CR**, and Price EM. SOD-1 expression in pig coronary arterioles is increased by training. *Am J Physiol* 279: H2068-H2076, 2000.
20. Schrage WG, **Woodman CR**, and Laughlin MH. Hindlimb unweighting alters endothelium-dependent vasodilation and eNOS expression in soleus arterioles. *J Appl Physiol* 89: 1483-1490, 2000.
19. Bowles DK, **Woodman CR**, and Laughlin MH. Coronary smooth muscle and endothelial adaptations to exercise training. *Exerc Sport Sci Rev* 28: 57-62, 2000.
18. **Woodman CR**, Muller JM, Rush JWE, Laughlin MH, and Price EM. Flow regulation of eNOS and Cu/Zn SOD mRNA expression in porcine coronary arterioles. *Am J Physiol* 276: (*Heart Circ Physiol* 45) H1058-1063, 1999.
17. Jasperse JL, **Woodman CR**, Price EM, Hasser EM, and Laughlin MH. Hindlimb unweighting decreases eNOS gene expression and endothelium-dependent dilation in rat soleus feed arteries. *J Appl Physiol* 87:1476-1482, 1999.
16. **Woodman CR**, Muller JM, Laughlin MH, and Price EM. Induction of nitric oxide synthase mRNA in coronary resistance arteries isolated from exercise-trained pigs. *Am J Physiol* 273 *Heart Circ Physiol*: H2575-H2579, 1997.
15. **Woodman CR**, Kregel KC, and Tipton CM. Influence of simulated microgravity on the sympathetic response to exercise. *Am J Physiol Reg Int Comp Physiol* 272: R570-R575, 1997.
14. **Woodman CR**, Sebastian LA, and Tipton CM. Influence of simulated microgravity on cardiac output and blood flow distribution during exercise. *J Appl Physiol* 79:1762-1768, 1995.
13. Tipton CM, Grindeland RE, **Woodman CR**, Gooselink K, Linderman JL, and Mukku VR. Hormonal and metabolic responses of hypophysectomized rats with head down suspension. *J. Gravitational Physiol* 1:75-77, 1994.
12. **Woodman CR**, Tipton CM, Evans J, Linderman JL, and Grindeland RE. Metabolic responses to head down suspension in hypophysectomized rats. *J Appl Physiol* 75:2718-2726, 1993.
11. Henriksen EJ, Tischler ME, **Woodman CR**, Munoz KA, Stump CS, and Kirby CR. Elevated interstitial fluid volume in soleus muscles unweighted by spaceflight or suspension. *J Appl Physiol* 75:1650-1653, 1993.
10. Tischler ME, Henriksen EJ, Munoz KA, Stump CS, **Woodman CR**, and Kirby CR. Spaceflight on STS-48 and earth-based unweighting produce similar effects on skeletal muscle of young rats. *J Appl Physiol* 74:2161-2165, 1993.
9. Stump CS, **Woodman CR**, Fregosi RF, and Tipton CM. Muscle glucose uptake in the rat after suspension with single hindlimb weight bearing. *J Appl Physiol* 74:2072-2078, 1993.
8. **Woodman CR**, Stump CS, Sebastian LA, and Tipton CM. Influence of simulated microgravity on the  $\dot{V}O_2$  max of non-trained and trained rats. *J Appl Physiol* 74:1941-1947, 1993.

7. Kirby CR, **Woodman CR**, Woolridge D, and Tischler ME. Cyclic adenosine monophosphate accumulation and  $\beta$ -adrenergic binding in unweighted and denervated rat soleus muscle. *Metabolism* 41:793-799, 1992.
6. **Woodman CR**, Sebastian LA, Stump CS, and Tipton CM. Influences of chemical sympathectomy, demedullation, and hindlimb suspension on the  $\dot{V} O_2$  max of rats. *Aviat Space and Environ Med* 63:193-199, 1992.
5. **Woodman CR**, Stump CS, Stump JA, and Tipton CM. Effect of 29 days of simulated microgravity on maximal oxygen consumption and fat-free mass of rats. *Aviat Space and Environ Med* 62:1147-1152, 1991.
4. Tipton CM, Sebastian LA, Overton JM, **Woodman CR**, and Williams SB. Chronic exercise and its hemodynamic influences on the resting blood pressure of hypertensive rats (SHR). *J Appl Physiol* 71:2206-2210, 1991.
3. **Woodman CR**, Stump CS, Stump JA, and Tipton CM. Influences of chemical sympathectomy and simulated weightlessness on male and female rats. *J Appl Physiol* 71:1005-1014, 1991.
2. **Woodman CR**, Stump CS, Beaulieu SM, Sebastian LA, and Tipton CM. Effects of simulated weightlessness and sympathectomy on the  $\dot{V} O_2$  max of male rats. *Physiologist* 32:S35-S38, 1989.
1. Overton JM, **Woodman CR**, and Tipton CM. Effect of hindlimb suspension on  $\dot{V} O_2$  max and regional blood flow responses to exercise. *J Appl Physiol* 66:653-659, 1989.

### Book Chapters

1. Rush JWE, **Woodman CR**, Aaker AA, Schrage WG, and Laughlin MH. Skeletal muscle blood flow and endurance exercise. In: *Endurance in Sport*. R.J. Shepard and P.O. Astrand (Eds.). Blackwell Science, Oxford, 2000; 84-117.

### Abstracts (Bold text: denotes student advisees)

84. Mohajeri A, Padgham, S, **Woodman CR**, and Trache A. Stretch-induced mechanical stimulation effects on vascular smooth muscle contractility in aged resistance arteries *Physiology* (In Press)
83. Ojha KR, Padgham S, Shin SY, **Woodman CR**, and Trache A. LPA effect on integrin recruitment and actin remodeling in aged vascular smooth muscle cells. *Biophysical Journal* 121: S1: 2380, 2022.
82. Shin SY, Ojha KR, Padgham S, Trache A, and **Woodman CR**. Aging alters integrin-mediated vascular smooth muscle function in soleus feed arteries *FASEB J* 2022 36: S1, 2022.
81. Ojha KR, Padgham S, Shin SY, **Woodman CR**, and Trache A. Dysregulation of integrin function and actin cytoskeleton in aged vascular smooth muscle cells. 2022 (In Press)

80. *Shin SY, Trache A, and Woodman CR.* Effects of aging on integrin-mediated vascular smooth muscle contractility in soleus muscle feed arteries. *FASEB J* 35: S1, 2021.
79. *Holly D, Kim H, Gaytan S, Woodman CR, and Massett MP.* Genetic background influences endothelium-dependent vasomotor function in large arteries. *FASEB J* 35: S1, 2021.
78. *Holly D, Kim H, Shin SY, Dezell H, Gaytan S, Woodman CR, and Massett MP.* Genetic background influences endothelial function along the mouse vascular tree. *FASEB J* 34: S1, 2020.
77. *Shin S, Seawright JW, Trache A and Woodman CR.* Effect of aging on vascular smooth muscle myogenic contractility in soleus muscle feed arteries. *FASEB J* 34: S1, 2020.
76. *Holly D, Kim H, Dezell H, Woodman CR, and Massett MP.* Mouse genetic background influences endothelial function along the mouse vascular tree. *FASEB J* 33: 1b514 2019
75. *Kim H, Luttrell MJ, Shin SY, Holly D, Woodman CR, and Massett MP.* Heterogeneous effects of aging on vasomotor function in large and small arteries. *FASEB J* 33: 1b478, 2019.
74. *Shin S, Trache A, Woodman CR.* Integrin-mediated vasoconstrictor function declines with age in skeletal muscle resistance arteries. *FASEB J* 33: 518.4, 2019.
73. *Sreenivasappa H, Padgham S, Shin SY, Trzeciakowski JP, Woodman CR, Trache A.* Vascular smooth muscle cells – key players in arterial aging. 2019.
72. *Sreenivasappa H, Bywaters B, Padgham S, Shin S, Trzeciakowski JP, Rivera G, Woodman CR, Trache A.* Aging alters functional properties of cell-matrix adhesions in vascular smooth muscle cells. *Biophysical Journal* 116: 261a, 2019.
71. *Sreenivasappa H, Gibbs H, Padgham S, Shin S, Chapponier C, Yeh A, Woodman CR, Trache A.* Aging alters functional and structural properties of vascular smooth muscle cells from skeletal muscle resistance arteries. *Biophysical Journal*, 115: 2018.
70. *Shin S, Padgham, Trache A, Woodman CR.* Effect of aging on Rho-kinase activity and vascular smooth muscle contractility in skeletal muscle resistance arteries. *FASEB J* 32: 705.8, 2018.
69. *Shin S, Seawright JW, Trache A and Woodman CR.* Effect of intraluminal pressure on vascular smooth muscle contractility in aged skeletal muscle resistance arteries. *Physiologist* 60: 13.23, 2017.
68. **Woodman CR, Seawright JW, Shin S, and Trache A.** Effects of aging on vascular smooth muscle contractility in skeletal muscle resistance arteries. *FASEB J* 31: E203, 2017.
67. *Shin S, Seawright JW, Trache A and Woodman CR.* Exercise-like mechanical stimulation improves myogenic responses in aged skeletal muscle resistance arteries. *FASEB J* 31: E204, 2017.
66. *Seawright, JW, Coletta A, Boudreaux RD, Metzger CE, Shimkus KL, Fluckey JD, Hogan HA, Bloomfield SA, Braby LA, Woodman CR.* Aortic MnSOD and eNOS protein content are increased in 56FE irradiated and partially loaded mice following resistance exercise. 2016.

65. *Seawright JW, Boudreaux RA, Metzger CE, Shimkus KL, Fluckey JD, Hogan HA, Bloomfield SA, Braby LA and Woodman CR.* Resistance exercise training increases MnSOD content in mouse aorta following <sup>56</sup>Fe irradiation and partial weight bearing. 2015.
64. *Seawright JW, Luttrell MJ, and Woodman CR.* Exercise-like mechanical stimulation of soleus feed arteries attenuates age-induced endothelial dysfunction. *FASEB J* 29: LB553, 2015.
63. *Seawright JW, Luttrell MJ, and Woodman CR.* SNP-induced dilation following a short-term intraluminal pressure increase in aged skeletal muscle feed arteries *Int J Ex Sci* 2:40, 2014.
62. *Luttrell MJ, Seawright JW, Wilson E, and Woodman CR.* Effect of aging on eNOS-associated Protein:Protein interactions throughout the arterial network. *FASEB J* 28:1075, 2014.
61. *Luttrell MJ, Seawright JW, and Woodman CR.* Effect of age and exercise training on endothelial function and protein-protein interactions among eNOS and its regulatory proteins in rat aortas. *Int J Ex Sci* 2:27, 2013.
60. *Seawright JW and Woodman CR.* Influence of a short-term increase in pressure, with and without recovery, on flow-induced dilation in aged skeletal muscle feed arteries. *FASEB J* 26:lb637, 2012.
59. *Luttrell MJ, Seawright JW, Trott DW, and Woodman CR.* Aging impairs flow-induced dilation in skeletal muscle feed arteries: role of Akt-dependent phosphorylation of eNOS. *FASEB J* 26: lb636, 2012.
58. *Seawright JW and Woodman CR.* Influence of a short-term increase in intraluminal pressure, with and without recovery, on ACh-induced dilation in senescent skeletal muscle feed arteries. *Int J Ex Sci* 2:33, 2012.
57. *Luttrell MJ, Seawright JW, Trott DW, and Woodman CR.* Aging impairs ACh-induced dilation in skeletal muscle feed arteries: role of Akt-dependent phosphorylation of eNOS. *Int J Ex Sci* 2: 48, 2012.
56. *Trott DW, Seawright JW and Woodman CR.* Role of superoxide in endothelium-dependent dilation of soleus feed arteries in young and old rats. *FASEB J* 24: 602.2, 2010.
55. *Trott DW and Woodman CR.* Impaired PI3-kinase signaling contributes to age-induced endothelial dysfunction in skeletal muscle feed arteries. *FASEB J* 23: LB79, 2009.
54. *Trott DW and Woodman CR.* Exogenous antioxidants mimic the effects of exercise training on endothelial function in arteries perfusing skeletal muscle of aged rats. *Physiologist* 51: 34.7, 2008.
53. *Trott DW, and Woodman CR.* Exercise training increases extracellular superoxide dismutase protein content in soleus muscle feed arteries of aged rats. *FASEB J.* 22:1235.2, 2008.
52. *Trott DW, Steelman SM, Heaps CL and Woodman CR.* Rho-Kinase contributes to increased contractile responses in coronary arteries of hypercholesterolemic swine. *FASEB J:* 21:A743, 2007.

51. LeBlanc AJ, Nichol K, **Woodman CR**, Shipley RD, Prisby RD, and Muller-Delp J. NOS expression and activity in cerebral resistance arteries: effects of age and exercise training. *FASEB J* 20: A812, 2006.
50. **Woodman CR** and Laughlin MH. Arterial wall stretch improves endothelium-dependent dilation in senescent soleus muscle feed arteries. *FASEB J* 20: A287, 2006.
49. VanVickle GD, Gunduz F, Laughlin MH, and **Woodman CR**. Effects of aging and exercise on endothelial function in rat abdominal aorta and soleus muscle feed arteries. *Med Sci Sports Exerc* 2005.
48. Henderson KK, Turk JR, **Woodman CR**, and Laughlin MH. Endothelial function in coronary arterioles from female pigs fed a high fat diet: effect of exercise training. *Physiologist* 47: 285, 2004.
47. VanVickle GD, Laughlin MH, and **Woodman CR**. Effects of aging on endothelial function in rat abdominal aorta and soleus muscle feed arteries. *Med Sci Sports Exerc* 36: S156, 2004.
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39. Laughlin MH, Price EM, and **Woodman CR**. Interval sprint training alters eNOS protein expression in gastrocnemius feed arteries and arterioles. *Med Sci Sport Exerc* 33: 67, 2001.
38. **Woodman CR**, Holiman D, Price EM, and Laughlin MH. Influence of artery diameter on eNOS protein content throughout the coronary arterial tree. *FASEB J* 15: A49, 2001.
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35. Schrage WG, **Woodman CR**, Thorne PK, Price EM, and Laughlin MH. Hindlimb unweighting alters acetylcholine-mediated dilation and ecNOS expression in soleus first order arterioles. *FASEB J* 14: A27, 2000.
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26. Schrage WG, **Woodman CR**, Laughlin MH, and Price EM. Exercise training induces ecNOS mRNA expression in porcine coronary resistance arteries 25-300 $\mu$ m in diameter. *Circulation* 98:(17) A596, 1998.
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23. **Woodman CR**, Price EM, Laughlin MH. PCR detection of endothelial nitric oxide synthase mRNA in single isolated coronary microvessels. *Microcirculation* 4:121, 1997.

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21. **Woodman CR**, Sebastian LA, and Tipton CM. Influence of simulated microgravity on regional sympathetic nervous system activity during heavy submaximal exercise. *FASEB J* 8: A261, 1994.
20. **Woodman CR**, Kregel KC, Sebastian LA, Hall MC, and Tipton CM. Regional norepinephrine depletion during head down suspension in hypophysectomized rats. *Med Sci Sport Exerc* 25:S63, 1993.
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18. Tipton CM, Hall MC, **Woodman CR**, Sebastian LA, and Edwards PK. Select responses of hypophysectomized rats to conditions of simulated microgravity. *FASEB J* 7:A668, 1993.
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16. **Woodman CR**, Tipton CM, Evans J, Linderman JL, and Grindeland RE. Metabolic and thermoregulatory responses to head down suspension in hypophysectomized rats. *ASGSB Bulletin* 6:35, 1992.
15. **Woodman CR**, and Tipton CM. Effects of hindlimb suspension on the  $\dot{v} O_2$  max of hypophysectomized rats: Preliminary data. *FASEB J* 6:A1772, 1992.
14. Kirby CR, **Woodman CR**, Woolridge D, and Tischler ME. Unweighting but not denervation increases muscle hormone sensitivity *in vitro* and *in vivo*. *ASGSB Bulletin* 5:1991.
13. Monnin KA, **Woodman CR**, Sebastian LA, and Tipton CM. Urinary changes in nontrained and trained rats with suspension. *FASEB J* 5:A1129, 1991.
12. **Woodman CR**, Sebastian LA, Stump CS, and Tipton CM. Effects of hindlimb suspension, sympathectomy, and demedullation on maximum  $\dot{v} O_2$  of female rats. *FASEB J* 5:A1129, 1991.
11. Stump CS, **Woodman CR**, and Tipton CM. Exercise induced glycogen depletion in select rat hindlimb muscles after two weeks of hindlimb suspension. *Med Sci Sport Exerc* 22:S52, 1990.
10. **Woodman CR**, Kregel KC, and Tipton CM. Thermal responses to non-exertional heat stress following simulated weightlessness in the conscious rat. *FASEB J* 4:A569, 1990.
9. **Woodman CR**, Stump CS, Sebastian LA, and Tipton CM. Influence of 28 days of hindlimb suspension on the  $\dot{v} O_2$  max of trained and non-trained rats. *ASGSB Bulletin* 4:65, 1990.
8. Tipton CM, **Woodman CR**, Stump CS, Rahman Z, Sebastian LA, and Williams SB. Simulated weightlessness and its effects on the exercise performance of sympathectomized rats. *Proceedings of the XXXI International Congress of Physiological Sciences*. 106:1989.



7. **Woodman CR**, Stump CS, Beaulieu SM, Sebastian LA, and Tipton CM. The influence of simulated weightlessness and chemical sympathectomy on the  $\dot{v} O_2$  max of male rats. *FASEB J* 3:A988, 1989.
6. Tipton CM, Sebastian LA, Overton JM, Williams SB, and **Woodman CR**. Exercise training and resting hemodynamic measurements of hypertensive rats (SHR). *Abstracts of the Kuopio International Hypertension Meeting*. 1:10, 1989.
5. Stump CS, **Woodman CR**, Sebastian LA and Tipton CM. Plasma atrial natriuretic peptide (ANP) and select cardiovascular measurements in male rats during two weeks of head down suspension. *ASGSB Bulletin* 3:A988, 1989.
4. **Woodman CR**, Stump CS, Stump JA, and Tipton CM. Body composition and oxygen consumption changes associated with 28 days of hindlimb suspension. *ASGSB Bulletin* 3:85, 1989.
3. **Woodman CR**, Beaulieu SM, and Tipton CM. Influence of simulated weightlessness on the  $\dot{v} O_2$  max of rats. *Med Sci Sport Exerc* 20:S48, 1988.
2. **Woodman, CR**, Stump CS, Beaulieu SM, Rahman Z, and Tipton CM. The influence of simulated weightlessness and chemical sympathectomy on the  $\dot{v} O_2$  max of female rats. *Physiologist* 31:A33, 1988.
1. **Woodman CR**, Overton JM, McMahon S, Tipton CM, Stump CS. Resting cardiac output (Q) in trained and nontrained hypertensive rats (SHR). *Physiologist* 30:34, 1987.

## **ADDITIONAL INVITED PRESENTATIONS**

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12. **Woodman CR**. Role of superoxide in endothelium-dependent dilation of soleus feed arteries in young and old rats. Experimental Biology, Anaheim CA, April 25, 2010.
11. **Woodman CR**. Exogenous antioxidants mimic the effects of exercise training on endothelial function in arteries perfusing skeletal muscle of aged rats. Experimental Biology, San Diego CA, April 6, 2008.
10. **Woodman CR**. Short-term increases in intraluminal pressure reverse age-related decrements in endothelium-dependent dilation in soleus muscle feed arteries. Cardiovascular Research Institute Third Annual Research Retreat, Temple TX, October 21, 2007.
9. **Woodman CR**. Endothelial Dysfunction in Aging- Role of Nitric Oxide. Cardiovascular Research Institute Second Annual Research Retreat, Texas A&M University, College Station, TX, October 19, 2006.
8. **Woodman CR**. Arterial wall stretch improves endothelium-dependent dilation in senescent soleus muscle feed arteries. Experimental Biology, San Francisco CA, April 2, 2006.
7. **Woodman CR**. Endothelial Dysfunction in Aging- Role of Nitric Oxide. Department of Health and Kinesiology, Texas A&M University, College Station TX, December 9, 2004.

6. **Woodman CR.** Exercise training preserves endothelial function in brachial arteries from hyperlipidemic pigs. Annual Meeting of the American College of Sports Medicine. San Francisco CA, May 28, 2003.
5. **Woodman CR.** Endothelial Dysfunction in Aging- Role of Nitric Oxide. Annual Meeting of the American College of Sports Medicine. San Francisco CA, May 28, 2003.
4. **Woodman CR.** Exercise, Nitric Oxide, and Endothelial Function. Annual Meeting of the American College of Sports Medicine (Central States Affiliate). Kansas City MO, October 20, 2001.
3. **Woodman CR.** Cardiovascular Adaptations to Physical Inactivity: Molecular to Integrative. Department of Exercise and Sport Sciences, Northern Arizona University, Flagstaff AZ, March 15, 2000.
2. **Woodman CR.** Cardiovascular Adaptations to Physical Inactivity: Molecular to Integrative. Department of Exercise and Sport Sciences, University of Oregon, Eugene OR, April 3, 2000.
1. **Woodman CR.** Simulated Microgravity and Exercise Capacity: Mechanisms of Aerobic Deconditioning. NASA Ames Research Center, Mountain View CA, October 19, 1994.

## **TEACHING EXPERIENCE**

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<u>Course Title</u>	<u>Institution</u>	<u>Description</u>	<u>Dates</u>
KINE 386	Texas A&M	Sport Physiology (3 credit hours)	2015
MEID 616	Texas A&M	Cardiovascular Block (CV Integration Section)	2014-present
KINE 433	Texas A&M	Physiology of Exercise (3 credit hours)	2010-present
KINE 626	Texas A&M	Exercise for Clinical Populations (3 credit hours)	2008-present
KINE 646	Texas A&M	Fundamentals of Space Life Sciences (Cardiovascular Section)	2007-2016
KINE 689	Texas A&M	Advanced Vascular Physiology (3 credit hours)	2007-2008
KINE 638	Texas A&M	Exercise Physiology II (3 credit hours)	2006-present
PSIO 425	Missouri	Microcirculation (3 lectures)	2002-2006
EXSS 521	Arizona	Exercise Physiology Laboratory Course Coordinator	1995-1996 1994-1996
EXSS 520	Arizona	Advanced Exercise Physiology (3 credit hours)	1995-1996
EXSS 421	Arizona	Exercise Physiology Laboratory Course Coordinator	1992-1996 1994-1996

EXSS 420	Arizona	Exercise Physiology (3 credit hours)	1995-1996
EXSS 373	Arizona	Exercise Physiology Lab for PE Majors (2 credit hours)	1991-1992
EXSS 370	Arizona	Exercise Physiology for PE Majors (3 credit hours)	1991-1992

## **GRADUATE STUDENT ADVISEMENT**

---

### **Doctoral Committee Chair**

<u>Name</u>	<u>Degree</u>	<u>Institution</u>	<u>Training Role</u>	<u>Date</u>
Amin Mohajeri	Ph.D.	Texas A&M	Committee Member	Active
Song Yi Shin	Ph.D.	Texas A&M	Committee Chair	2022
Dylan Holly	Ph.D.	Texas A&M	Committee Chair	2022
John Seawright	Ph.D.	Texas A&M	Committee Chair	2016
Meredith Luttrell	Ph.D.	Texas A&M	Committee Chair	2014
Dan Trott	Ph.D.	Texas A&M	Committee Chair	2010

### **Doctoral Committee Member**

<u>Name</u>	<u>Degree</u>	<u>Institution</u>	<u>Training Role</u>	<u>Date</u>
Joungbo Ko	Ph.D.	Texas A&M	Committee Member	Active
Selina Uranga	Ph.D.	Texas A&M	Committee Member	Active
Dante Xing	Ph.D.	Texas A&M	Committee Member	Active
Patrick Ryan	Ph.D.	Texas A&M	Committee Member	Active
Kirsten Nottingham	Ph.D.	Texas A&M	Committee Member	Active
Victoria Pizzitola	Ph.D.	Texas A&M	Committee Member	Active
Matt Bird	Ph.D.	Texas A&M	Committee Member	2022
Kalen Johnson	Ph.D.	Texas A&M	Committee Member	2022
Brianne Breidenbach	Ph.D.	Texas A&M	Committee Member	2022
Colleen O'Reilly	Ph.D.	Texas A&M	Committee Member	2022
Susannah Williamson	Ph.D.	Texas A&M	Committee Member	2021
Jason Lytle	Ph.D.	Texas A&M	Committee Member	2020
Jorge Granados	Ph.D.	Texas A&M	Committee Member	2019
Ayland Letsinger	Ph.D.	Texas A&M	Committee Member	2019
Chelsea Goodenough	Ph.D.	Texas A&M	Committee Member	2019
Tyler Grubic	Ph.D.	Texas A&M	Committee Member	2018
Blaise Collins	Ph.D.	Texas A&M	Committee Member	2017
Ryan Dalton	Ph.D.	Texas A&M	Committee Member	2017
Majid Koozehchian	Ph.D.	Texas A&M	Committee Member	2017
Heather Vellers	Ph.D.	Texas A&M	Committee Member	2016
Adriana Coletta	Ph.D.	Texas A&M	Committee Member	2016
Peter Jung	Ph.D.	Texas A&M	Committee Member	2016
Teak Lee	Ph.D.	Texas A&M	Committee Member	2015
Dustin Joubert	Ph.D.	Texas A&M	Committee Member	2015
Seung Kim	Ph.D.	Texas A&M	Committee Member	2015
Sean Courtney	Ph.D.	Texas A&M	Committee Member	2013
Joshua Swift	Ph.D.	Texas A&M	Committee Member	2010

Heath Gasier	Ph.D.	Texas A&M	Committee Member	2009
Yoonjung Park	Ph.D.	Texas A&M	Committee Member	2006
William Schrage	Ph.D.	Missouri	Committee Member	2001

### **Master's Committee Chair**

<u>Name</u>	<u>Degree</u>	<u>Institution</u>	<u>Training Role</u>	<u>Date</u>
Alison Wenzel	M.S.	Texas A&M	Committee Chair	Active
Ryen Sanchez	M.S.	Texas A&M	Committee Chair	2021
Brenna Howell	M.S.	Texas A&M	Committee Chair	2021
Faith Ford	M.S.	Texas A&M	Committee Chair	2021
Samantha Gaytan	M.S.	Texas A&M	Committee Chair	2020
Angelique Robles	M.S.	Texas A&M	Committee Chair	2020
Catherine Zabilski	M.S.	Texas A&M	Committee Chair	2018
Monica Ball	M.S.	Texas A&M	Committee Chair	2017
Sara Safdari	M.S.	Texas A&M	Committee Chair	2017
Alison McGuire	M.S.	Texas A&M	Committee Chair	2017
Matt Dantism	M.S.	Texas A&M	Committee Chair	2016
Sandra Francisco	M.S.	Texas A&M	Committee Chair	2015
Leslie Luna	M.S.	Texas A&M	Committee Chair	2015
Amy Heiner	M.S.	Texas A&M	Committee Chair	2015
Marlee Wilson	M.S.	Texas A&M	Committee Chair	2015
Caitlin Hendler	M.S.	Texas A&M	Committee Chair	2014
Joshua Aduddell	M.S.	Texas A&M	Committee Chair	2011
Shradha Washindkar	M.S.	Texas A&M	Committee Chair	2011
Greeshma Prabhu	M.S.	Texas A&M	Committee Chair	2011
Christie Young	M.S.	Texas A&M	Committee Chair	2010
Jennifer Markos	M.S.	Texas A&M	Committee Chair	2009
Dawn Lundwall	M.S.	Texas A&M	Committee Chair	2008
Kevin West	M.S.	Texas A&M	Committee Chair	2008

### **Master's Committee Member**

<u>Name</u>	<u>Degree</u>	<u>Institution</u>	<u>Training Role</u>	<u>Date</u>
Vita Riera Ferrantelli	M.S.	Texas A&M	Committee Member	Active
Emily Pearl	M.S.	Texas A&M	Committee Member	2022
Michael Miner	M.S.	Texas A&M	Committee Member	2022
Kathryn Janecek	M.S.	Texas A&M	Committee Member	2022
Joselin Orellana	M.S.	Texas A&M	Committee Member	2021
Micah Kaemmerling	M.S.	Texas A&M	Committee Member	2021
Mark Holt	M.S.	Texas A&M	Committee Member	2021
Blake Ritchey	M.S.	Texas A&M	Committee Member	2021
JaLyssa Walker	M.S.	Texas A&M	Committee Member	2021
Brett Gramann	M.S.	Texas A&M	Committee Member	2021
Jared Saunders	M.S.	Texas A&M	Committee Member	2021
Jonathan Goldstein	M.S.	Texas A&M	Committee Member	2021
Edward Nagel	M.S.	Texas A&M	Committee Member	2020
Reagan Miller	M.S.	Texas A&M	Committee Member	2020
Katherine Stiegle	M.S.	Texas A&M	Committee Member	2020

Mikealia Mowkoski	M.S.	Texas A&M	Committee Member	2020
Richard Ortmann	M.S.	Texas A&M	Committee Member	2020
William Whitfield	M.S.	Texas A&M	Committee Member	2019
Evan Card	M.S.	Texas A&M	Committee Member	2019
Dakota Jones	M.S.	Texas A&M	Committee Member	2019
Sean Stanelle	M.S.	Texas A&M	Committee Member	2019
Shaik Ullah	M.S.	Texas A&M	Committee Member	2019
Matt McCullough	M.S.	Texas A&M	Committee Member	2019
Richard Fuentes	M.S.	Texas A&M	Committee Member	2019
Karina Wilson	M.S.	Texas A&M	Committee Member	2019
Joshua Dempsey	M.S.	Texas A&M	Committee Member	2019
Pasqual Mendoza	M.S.	Texas A&M	Committee Member	2019
Chaz Bracci	M.S.	Texas A&M	Committee Member	2019
Hyoseon Kim	M.S.	Texas A&M	Committee Member	2019
Chase Valverde	M.S.	Texas A&M	Committee Member	2019
Steven Snyder	M.S.	Texas A&M	Committee Member	2019
Katie Kuhlmann	M.S.	Texas A&M	Committee Member	2019
Haley Sewell	M.S.	Texas A&M	Committee Member	2018
Danielle Kravits	M.S.	Texas A&M	Committee Member	2018
Lane Tahmahkera	M.S.	Texas A&M	Committee Member	2018
Austin Pryzbyla	M.S.	Texas A&M	Committee Member	2018
Ivan Marquez	M.S.	Texas A&M	Committee Member	2018
Juanjose Tello	M.S.	Texas A&M	Committee Member	2018
Hung-Hsiang Chang	M.S.	Texas A&M	Committee Member	2018
Dhalston Cage	M.S.	Texas A&M	Committee Member	2018
Travis Stubbs	M.S.	Texas A&M	Committee Member	2018
Morgan Glick	M.S.	Texas A&M	Committee Member	2018
Alexandra Slavinsky	M.S.	Texas A&M	Committee Member	2018
Jordan Harris	M.S.	Texas A&M	Committee Member	2017
Sarah Little	M.S.	Texas A&M	Committee Member	2017
Sarah Ascencio	M.S.	Texas A&M	Committee Member	2017
Ryan Lehman	M.S.	Texas A&M	Committee Member	2017
Bryce Siecko	M.S.	Texas A&M	Committee Member	2017
Kalen Johnson	M.S.	Texas A&M	Committee Member	2017
Briana Bywater	M.S.	Texas A&M	Committee Member	2017
Sarah Pledger	M.S.	Texas A&M	Committee Member	2016
Lance Yancey	M.S.	Texas A&M	Committee Member	2016
Eric Baltodano	M.S.	Texas A&M	Committee Member	2016
Jason Lytle	M.S.	Texas A&M	Committee Member	2016
Zach Junkin	M.S.	Texas A&M	Committee Member	2016
Christian Brown	M.S.	Texas A&M	Committee Member	2016
Kelsey McLaughlin	M.S.	Texas A&M	Committee Member	2016
Rohan Kolte	M.S.	Texas A&M	Committee Member	2016
Drew Carson	M.S.	Texas A&M	Committee Member	2016
Gerren Alexander	M.S.	Texas A&M	Committee Member	2016
Christina Amo	M.S.	Texas A&M	Committee Member	2016
Justin Prejean	M.S.	Texas A&M	Committee Member	2016
Matt Casale	M.S.	Texas A&M	Committee Member	2016
Michelle Centineo	M.S.	Texas A&M	Committee Member	2016
Devon Bowie	M.S.	Texas A&M	Committee Member	2016

Amber Holzman	M.S.	Texas A&M	Committee Member	2016
Manmeet Kaur	M.S.	Texas A&M	Committee Member	2015
Song Yi Shin	M.S.	Texas A&M	Committee Member	2015
Shanna Aberson	M.S.	Texas A&M	Committee Member	2015
Bethany Noack	M.S.	Texas A&M	Committee Member	2015
Brittany Bessire	M.S.	Texas A&M	Committee Member	2015
Megan Gray	M.S.	Texas A&M	Committee Member	2015
Allyson Sweeney	M.S.	Texas A&M	Committee Member	2015
Michael Bingaman	M.S.	Texas A&M	Committee Member	2015
Teresa Mccurdy	M.S.	Texas A&M	Committee Member	2015
Ben Khosravi	M.S.	Texas A&M	Committee Member	2015
Grant Chappell	M.S.	Texas A&M	Committee Member	2015
Sheril Marek	M.S.	Texas A&M	Committee Member	2014
Sarah Renaghan	M.S.	Texas A&M	Committee Member	2014
Kale Igboh	M.S.	Texas A&M	Committee Member	2014
Emily Skeen	M.S.	Texas A&M	Committee Member	2014
Mike LaMontia	M.S.	Texas A&M	Committee Member	2014
Jake Remmert	M.S.	Texas A&M	Committee Member	2014
Lauren Garcia	M.S.	Texas A&M	Committee Member	2014
Cody Dukquits	M.S.	Texas A&M	Committee Member	2014
Michael Laguros	M.S.	Texas A&M	Committee Member	2014
Jeremy Carter	M.S.	Texas A&M	Committee Member	2014
Scott Battley	M.S.	Texas A&M	Committee Member	2014
Melissa Bellows	M.S.	Texas A&M	Committee Member	2014
Logan Dahms	M.S.	Texas A&M	Committee Member	2013
Trevor Kana	M.S.	Texas A&M	Committee Member	2013
Myra Wilson	M.S.	Texas A&M	Committee Member	2013
Alex Carradine	M.S.	Texas A&M	Committee Member	2013
Michelle Gramling	M.S.	Texas A&M	Committee Member	2013
Anne Maci	M.S.	Texas A&M	Committee Member	2012
Ben Carnine	M.S.	Texas A&M	Committee Member	2012
Brent Fritsch	M.S.	Texas A&M	Committee Member	2012
Tony Chao	M.S.	Texas A&M	Committee Member	2012
Sebastian Olave	M.S.	Texas A&M	Committee Member	2012
Zach Davoodi	M.S.	Texas A&M	Committee Member	2012
Teak Lee	M.S.	Texas A&M	Committee Member	2012
Robert Speer	M.S.	Texas A&M	Committee Member	2012
Jehong Choo	M.S.	Texas A&M	Committee Member	2012
Charles Hewitt	M.S.	Texas A&M	Committee Member	2011
Amanda Roberie	M.S.	Texas A&M	Committee Member	2011
Adam Biehl	M.S.	Texas A&M	Committee Member	2010
Felicia Locklin	M.S.	Texas A&M	Committee Member	2010
Melissa Milner	M.S.	Texas A&M	Committee Member	2010
Namita Rao	M.S.	Texas A&M	Committee Member	2010
Jordan Perkins	M.S.	Texas A&M	Committee Member	2009
Meredith Luttrell	M.S.	Texas A&M	Committee Member	2009
Jasmine Gonzalez	M.S.	Texas A&M	Committee Member	2009
Jacob Schmutz	M.S.	Texas A&M	Committee Member	2008
Mark Thompson	M.S.	Missouri	Committee Member	2004

## **VISITING SCHOLARS MENTORED**

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<u>Name</u>	<u>Title</u>	<u>Institution</u>	<u>Date</u>
Alphonso Keaton	Associate Professor	Prairie View A&M	2011
Filiz Gunduz	Assistant Professor	Akdeniz University (Turkey)	2005

## **ADVISEE GRANTS, HONORS AND AWARDS**

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*CEHD: College of Education and Human Development*

*HLKN: Department of Health and Kinesiology*

*HISM: Huffines Institute for Sports Medicine and Human Performance*

### **Mohajeri, Amin**

2022 HISM Graduate Student Research Grant  
Total Award: \$1500.00

2021 HISM Graduate Student Research Grant  
Total Award: \$1500.00

2020 HISM Graduate Student Research Grant  
Total Award: \$1500.00

### **Shin, Song Yi**

2022 Distinguished Honor Graduate Kinesiology (Doctoral), Department of Kinesiology and Sport Management, Texas A&M University.

2021 Microcirculatory Society Trainee Travel Award  
Total Award: \$2000.00

2020 HLKN Graduate Student Travel Grant  
Total Award: \$500.00

2020 CEHD Strategic Research Award  
Total Award: \$34,000.00

2019 HISM Graduate Student Research Grant  
Total Award: \$1500.00

2019 CEHD Graduate Student Research Grant  
Total Award: \$1130.00

2019 HISM Graduate Student Travel Grant  
Total Award: \$800.00

2018 CEHD Graduate Student Research Grant  
Total Award: \$845.00

2018 CEHD Strategic Research Award  
Total Award: \$34,000.00

2018 HISM Graduate Student Travel Grant  
Total Award: \$800.00

- 2017 HISM Graduate Student Research Grant  
Total Award: \$1500.00
- 2017 Invited Speaker for “Trainee Award Symposium”. APS Conference: Cardiovascular Aging, New Frontiers and Old Friends (1 of 6 students selected nationally), August 2017.
- 2017 Association of Former Students Graduate Student Research and Presentation Grant  
Total Award: \$500.00
- 2016 CEHD Research Scholars Award  
Total Award: \$500.00

**Holly, Dylan**

- 2020 HISM Graduate Student Research Grant  
Total Award: \$1500.00
- 2019 CEHD Graduate Student Research Grant  
Total Award: \$1130.00
- 2018 CEHD Graduate Student Research Grant  
Total Award: \$1000.00
- 2018 HISM Graduate Student Travel Grant  
Total Award: \$800.00
- 2017 CEHD Graduate Research and Travel Grant  
Total Award: \$1000.00
- 2017 HISM Graduate Student Research Grant  
Total Award: \$1500.00
- 2016 CEHD Graduate Student Research Grant  
Total Award: \$1000.00
- 2016 CEHD Merit Fellowship (Four-year Fellowship)  
Total Award: \$100,000.00

**Seawright John W.**

- 2016 Outstanding Graduate Student Kinesiology (Doctoral), Department of Health and Kinesiology, Texas A&M University.
- 2015 CEHD Strategic Research Award  
Total Award: \$34,000.00
- 2015 CEHD Graduate Student Travel Grant  
Total Award: \$500.00
- 2014 HISM Graduate Student Research Grant  
Total Costs: \$1500.00
- 2014 CEHD Strategic Research Award  
Total Award: \$34,000.00



- 2014 Research Poster Presentation Award: Doctoral level (First Place) TACSM Meeting, Fort Worth TX.
- 2013 HISM Graduate Student Research Grant  
Total Award: \$1500.00
- 2012 HISM Graduate Student Research Grant  
Total Award: \$1500.00
- 2012 Research Poster Presentation Award: Doctoral Level (Third Place). TACSM Meeting, Austin TX.
- 2011 HISM Graduate Student Travel Grant  
Total Award: \$650.00
- 2010 Journal Club Manuscript Award: *Journal of Physiology-London*. (For a peer reviewed commentary Co-Authored with DW Trott).
- 2010 HISM Graduate Student Research Grant  
Total Award: \$2438.00
- 2010 National Space Biology Research Institute (NSBRI) Pre-Doctoral Fellowship,  
Total Award: \$52,000

**Luttrell, Meredith J.**

- 2014 Association of Former Students (AFS) Distinguished Graduate Student Award for Excellence in Research (University Level), Texas A&M University.
- 2014 Robert B. Armstrong Graduate Scholar Award for Excellence in Research, Department of Health and Kinesiology, Texas A&M University.
- 2014 Outstanding Graduate Student Kinesiology (Doctoral), Department of Health and Kinesiology, Texas A&M University.
- 2013 CEHD Strategic Research Award  
Total Award: \$34,000 (Award declined by Luttrell due to receipt of AHA pre-doctoral fellowship).
- 2013 American Heart Association Pre-Doctoral Fellowship, July 2013-June 2015  
Direct Costs: \$50,000.00
- 2013 Research Poster Presentation Award: Doctoral level (First Place) TACSM Meeting, Austin TX.
- 2011 HISM Graduate Student Travel Grant  
Total Award: \$650.00
- 2011 HISM Graduate Student Research Grant  
Total Award: \$1500.00
- 2009 Texas A&M University Regents Fellowship

**Trott, Daniel W.**

- 2012 Doctoral Dissertation of the Year in Kinesiology, College of Education and Human Development, Texas A&M University.

- 2010      Featured Speaker for “Reactive Oxygen Species in Vascular Tone and Remodeling” session at Experimental Biology (1 of 3 students selected nationally), April 2010.
- 2010      Journal Club Manuscript Award: *Journal of Physiology-London* (For a peer reviewed commentary Co-Authored with JW Seawright).
- 2009      HISM Graduate Student Research Grant  
Total Award: \$2373.00
- 2008      HISM Graduate Student Research Grant  
Total Award: \$1983.00
- 2008      Featured Speaker for “Exercise, Oxidative Stress, and Endothelial Function” session at Experimental Biology (1 of 3 students selected nationally), April 2008.
- 2007      Graduate Student Research Grant from American College of Sports Medicine (ACSM)  
Total Award: \$5000.00

## **AFFILIATIONS**

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American Physiological Society (APS)  
 American College of Sports Medicine (ACSM)  
 Huffines Institute for Sports Medicine and Human Performance

## **ACADEMIC SERVICE**

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### **University of Missouri**

2004-2005              Promotion and Advancement Committee (Representative for Research Faculty)

### **Texas A&M University (TAMU)**

*CEHD: College of Education and Human Development*  
*HLKN: Department of Health and Kinesiology*  
*KNSM: Department of Kinesiology and Sport Management*  
*CVRI: Cardiovascular Research Institute*

2023                      KNSM: New Faculty Mentoring Team (Mariana Gomes)  
 2023                      KNSM: New Faculty Mentoring Team (Aaron Morton)  
 2022                      KNSM: Graduate Teach Assistant (GAT) Policy Committee  
 2022                      CEHD: AFS Teaching Award Selection Committee  
 2022                      HLKN: Kinesiology faculty search committee  
 2021                      HLKN: Kinesiology faculty search committee  
 2020                      HLKN: Annual Faculty Evaluation Template Committee  
 2018-2019              TAMU: Animal Care and Use Committee (IACUC)  
 2017-2021              TAMU: Executive Board Member Huffines Institute for Sports Medicine  
 2016-2017              CEHD: Catapult Grant Review Committee  
 2014-Present           HLKN: Kinesiology Ph.D. Graduate Assessment Committee  
 2014                      CEHD: Transforming Lives Research Grant Review Committee  
 2014                      TAMU: CONACYT Grant review committee  
 2014                      HLKN: Course textbook adoption committee

2013-2016	TAMU: University Laboratory Safety Committee
2013-2014	CEHD: Chair, Council of Principal Investigators
2013-2014	CEHD: Dean's Council
2012-2013	CEHD: Vice Chair, Council of Principal Investigators
2012	CVRI: Research Retreat Program Committee
2011-Present	HLKN: Tenure and Promotion Committee
2011	HLKN: A-1 annual review committee
2010	HLKN: Basic Exercise Physiology Program Assessment Committee
2009	HLKN: Graduate Advisor's Handbook Review Committee
2008-Present	CVRI: Scientific Program Committee
2008-2018	CEHD: Council of Principal Investigators, HLKN representative
2008	HLKN: Exercise Physiology Departmental Seminar Series Coordinator
2008	TAMU: Study Abroad Scholarship Committee
2008	TAMU: Faculty Judging Committee Student Research Week
2008	TAMU: Huffines Institute of Sports Medicine: Faculty Grant Review Committee
2007	TAMU: Huffines Institute of Sports Medicine: Student Grant Review Committee
2006-Present	HLKN: Graduate Admissions Committee
2006	CVRI: Annual Retreat Program Committee

## **PROFESSIONAL SERVICE**

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*APS: American Physiological Society*

*AHA: American Heart Association*

2018	AHA: Study Section, Allen Initiative in Brain Health and Cognitive Impairment
2012	APS: On-line course instructor: <i>Abstract Writing for Scientific Meetings</i>
2012	APS: Lead Judge: International Science and Engineering Fair, Pittsburgh, PA
2012	APS: Chair Physiology for Life Sciences Student/Teacher Research Symposium Experimental Biology Meeting (2012); San Diego, CA.
2011	APS: Judge: International Science and Engineering Fair, Los Angeles, CA
2010	APS: Co-Chair Physiology for Life Sciences Student/Teacher Research Symposium Experimental Biology Meeting (2010); Anaheim, CA.
2010-2013	APS: Education Committee
2009-present	AHA: Study Section, Vascular Biology and Blood Pressure

## **PROFESSIONAL DEVELOPMENT**

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2016	TAMU Campus Climate Conference College Station TX; March 9-10, 2016
2015	TAMU Faculty Teaching Academy: Fostering Teaching Excellence through Mentoring. College Station, TX; September 17, 2015
2015	TAMU Climate Matters Conference: A dialogue on climate, inclusion, and respect College Station TX; March 9-10, 2015
2014	TAMU Conference: ADVANCE-LEAD Department Head Workshop (Raising Faculty Profiles. College Station, TX; April 3, 2014
2014	CEHD Conference: A dialogue on climate, inclusion, and respect College Station TX; March 6, 2014