Curriculum Vitae

S. Tony Wolf, Ph.D.

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EDUCATION

Ph.D.	Kinesiology (Exercise Physiology), September 2020, The Pennsylvania State University, University Park, PA *Advisor:* W. Larry Kenney, Ph.D.
M.A.	Kinesiology (Exercise Science), December 2016, California State University, Fresno, Fresno, CA *Advisor:* J. Luke Pryor, Ph.D.
B.S.	Kinesiology (Exercise Science), December 2012, California State University, Fresno, Fresno, CA

ACADEMIC APPOINTMENTS

2023-	Assistant Professor Director, Integrative Cardiovascular Physiology Laboratory Department of Kinesiology, University of Georgia
2021-2023	Post-Doctoral Scholar Thermal and Microvascular Physiology Laboratory, Department of Kinesiology, The Pennsylvania State University
2017-2020	Pre-Doctoral Fellow/Research Assistant Thermal and Microvascular Physiology Laboratory, Department of Kinesiology, The Pennsylvania State University
2017	Lecturer Department of Kinesiology, California State University, Fresno
2015-2016	Graduate Assistant California State University, Fresno

GRANTS AND AWARDS

Grants

Current

2026-2027	Georgia Clinical and Translational Science Alliance (CTSA) Seed Grant. *Vitamin D Status in Early Pregnancy, Endothelial Function and*

Biomarkers of Preeclampsia among Women Medically Classified as Overweight or Obese. Role: Co-PI.

2025 UGA Obesity Research Initiative Seed Grant. *Seasonal variation in cardiovascular and cognitive function in obese and non-obese middle-aged and older adults*. Role: Principal Investigator.

2025-2028 American Heart Career Development Award. *Characterization of cardiovascular responses to passive whole-body heat stress in obese and non-obese adults*. Role: Principal Investigator.

Completed

2025 University of Georgia College of Education Early Career Faculty Research Grant. *Role of mitochondria-derived oxidative stress on microvascular endothelial function in healthy non-Hispanic Black adults*. Role: Principal Investigator.

2024 Antipodean Pharmaceuticals, Inc. *Clinical assessment of MitoQ on microvascular and mitochondrial function*. Role: Principal Investigator.

2024 UGA Obesity Research Initiative Resubmission Grant. *Characterization of cardiovascular responses to passive whole-body heat stress in obese and non-obese adults*. Role: Principal Investigator.

2023 National Institutes of Health (R42). *Preventing vascular complications in Type 1 diabetes: Muscle metabolic monitoring*. Role: Site Principal Investigator.

2023 UGA Obesity Research Initiative Seed Grant. *Characterization of cardiovascular responses to passive whole-body heat stress in obese and non-obese adults*. Role: Principal Investigator.

2023 National Institutes of Health (F32). *Characterization of passive whole-body heat stress responses in obese and non-obese adults*. Role: Principal Investigator.

2021-22 American College of Sports Medicine (Mid-Atlantic Chapter). *Characterization of passive whole-body heat stress responses in obese and non-obese adults*. Role: Principal Investigator.

2020-21 Penn State Center for Human Evolution and Diversity. *Modulating role of vitamin D in oxidative stress-induced vascular dysfunction in darkly-pigmented African Americans.* Role: Principal Investigator.

2019-20 Penn State Dermatology Marks Endowment Fund. *Mechanisms and interventions mediating the role of ultraviolet radiation exposure on microvascular endothelial function*. Role: Principal Investigator

2019-20 American College of Sports Medicine Foundation Grant. *Mechanisms and interventions mediating the role of ultraviolet radiation exposure on microvascular endothelial function*. Role: Principal Investigator

Submitted

2026-2031 National Institutes of Health (R01). Sex-specific heat vulnerability in middle-aged and older adults. Role: Principal Investigator

Awards

2025	University of Georgia College of Education Early Career Faculty Research Award
2024	Journal of Applied Physiology 2023 Star Reviewer
2024	Exercise Sport and Movement 2023 Paper of the Year. *Critical environmental limits for human thermoregulation in the context of a changing climate.*
2024	Journal of Applied Physiology 2023 Paper of the Year. *Evaluating the 35°C wet-bulb temperature adaptability threshold for young, healthy adults (PSU HEAT).*
2022	International Conference on Environmental Ergonomics, Best Oral Presentation, Post-Doc, 3rd Place
2021	Mid-Atlantic Regional Chapter, American College of Sports Medicine Early-Stage Investigator Award
2021	Environmental & Exercise Physiology Section CANTROL New Investigator Research Award - American Physiological Society
2020	Penn State College of Health and Human Development Limited Endowment Fund for Dissertation Research
2019	Penn State Center for Human Evolution and Diversity Seed Grant
2018	Penn State Dermatology Marks Endowment Fund
2018	American College of Sports Medicine Foundation Doctoral Student Research Grant
2018-2020	National Institutes of Health (T-32) Pre-Doctoral Training Fellowship, The Pennsylvania State University, University Park, PA
2017-2018	University Graduate Fellowship, The Pennsylvania State University, University Park, PA
2016	Graduate with Distinction, California State University, Fresno
2016	Graduate Student Research and Creative Activities Support Award, California State University, Fresno

SOCIETY MEMBERSHIPS

2017-present	American College of Sports Medicine
2017-present	American Physiological Society
2019-present	American Heart Association

SERVICE TO THE PROFESSION

Committees

2024-	Publications Committee – American Physiological Society
2022-2023	Research Committee, Mid-Atlantic Regional Chapter, American College of Sports Medicine

Editorial Experience

Guest Editor, Journal of Applied Physiology

Editorial Board, Journal of Applied Physiology

Early Career Review Board, American Journal of Physiology – Regulatory, Integrative, and Comparative Physiology

Ad Hoc Journal Reviewer

American Journal of Physiology – Heart and Circulatory Physiology

Medicine and Science in Sport and Exercise

Experimental Physiology

American Journal of Clinical Nutrition

Applied Physiology, Nutrition, and Metabolism

Nutrients

Physiological Reports

International Journal of Exercise Science

Microvascular Research

Nutrition, Metabolism, and Cardiovascular Diseases

The Journal of Primary Prevention

BMC Public Health

Building and Environment

Grant Reviewer

National Institutes of Health - CCHS Study Section

American Heart Association – Fellowship Vascular Endothelial Biology
Fellowship Vascular Biology and Blood Pressure

COMMUNITY OUTREACH

2024	UGA Cancer Support Community speaker, Exercise for cancer care, University of Georgia, Athens, GA
2024	Science Fair Judge, Clarke Middle School, Athens, GA
2017-18	Physiology Understanding (PhUn) Week, Program sponsored by the American Physiological Society, State College Area High School, State College, PA
2016	Sports Science Institute, California State University, Fresno

PUBLICATIONS

1. Kenney WL, Crandall CG, McKenna ZJ, Jay O, Smallcombe JW, Gagnon D, Souilla L, Vanos J, Guzman-Echavarria G, & **Wolf ST**. Invited Review: Climate change and extreme heat: human vulnerability. *Physiological Reviews*. Under Review.
2. Call JA, Heo J, Clary BL, Oberholtzer E, Bangle JF, Gorejena M, Jennings WE, Albino GR, & **Wolf ST**. Validation for the assessment of human PBMC bioenergetics and reactive oxygen species production using "CK Clamp" and antioxidant buffering capacity methods. Under Review.
3. Jennings WE, Jenkins NDM, von Hippel W, Fielding F, Chapman C, Holmes KE, **Wolf ST***, & Grosicki GJ. Age moderates seasonal variation in resting heart rate and heart rate variability: a year-long wearable study of 16,514 U.S. adults. Under Review. *Co-senior author
4. Davila GR, Fredericks SN, Jennings WE, Haskell EA, Cooper JA, & **Wolf ST**. Obesity increases cardiovascular strain during passive whole-body heat stress in middle-aged women. Under Review.
5. Jennings WE, Lempner OG, Bangle JF, Davila GR, & **Wolf ST**. Chronic mitochondrial-antioxidant (MitoQ) supplementation ameliorates age-related declines in endothelial function, but not spontaneous baroreflex sensitivity. In preparation.
6. Kong Q, Vecellio DJ, Huber M, Cottle RM, **Wolf ST**, Leach OK, Fisher KG, Bendavid E, & Kenney WL. Exceeding human heat tolerance: global projections for a warming, aging world. *Lancet Planetary Health*, 2026. In Press.
7. Jennings WE, Bangle JF, Davila GR, & **Wolf ST**. Relative contributions of mitochondrial and non-mitochondrial oxidative stress in age-related cutaneous microvascular endothelial dysfunction. *Am J Physiol Heart Circ Physiol*, 2026. doi: 10.1152/ajpheart.00256.2026
8. Bangle JF, Jennings WE, Guadagni AJ, Albino GR, Grundstein AJ, & **Wolf ST**. Cutaneous microvascular function is reduced in winter compared with summer in healthy young adults. *Physiol Rep*, 2026. doi: 10.14814/phy2.70784
9. **Wolf ST**, Bangle JF, Jennings WE, Albino GR, Gorejena M, Clary BL, Heo J, & Call JA. Peripheral blood mononuclear cell mitochondrial bioenergetics are related to vascular endothelial function in young and older adults. *Am J Physiol Regul Integr Comp Physiol*, 2026. doi: 10.1152/ajpregu.00262.2025
10. Kenney WL, Cottle RM, Vecellio DJ, Fisher KG, Leach OK, Kong Q, & **Wolf ST**. Age and Livability in a Hotter Climate. *eBioMedicine*, 2025. doi: 10.1016/j.ebiom.2025.106020
11. Cottle RM, **Wolf ST**, & Kenney WL. Cardiovascular challenges of aging in a hotter environment. *J Appl Physiol*, 2025. doi: 10.1152/japplphysiol.00323.2025
12. Fisher K, Vecellio DJ, Cottle RM, Leach OK, **Wolf ST**, & Kenney WL. Lower Maximal Skin Wettedness in Both Warm-Humid and Hot-Dry Environments with Advanced Age (PSU HEAT Project). *J Appl Physiol*, 2024. doi: 10.1152/japplphysiol.00758.2024
13. **Wolf ST**, Dillon GA, Alexander LM, Kenney WL, & Stanhewicz AE. Quantification and interpretation of nitric oxide-dependent cutaneous vasodilation during local heating. *J Appl Physiol*, 2024. doi: 10.1152/japplphysiol.00558.2024

14. **Wolf ST**, Kenney WL, & Jablonski NG. Comment on "Impact of ultraviolet radiation on cardiovascular and metabolic disorders: The role of nitric oxide and vitamin D. *Photodermatol Photoimmunol Photomed*, 2024. doi: https://doi.org/10.1111/phpp.13000
15. Leach OK, Cottle RM, Fisher KG, **Wolf ST**, & Kenney WL. Sex differences in heat stress vulnerability among middle-aged and older adults (PSU HEAT project). *Am J Physiol Regul Integr Comp Physiol*, 2024. doi: 10.1152/ajpregu.00114.2024
16. **Wolf ST**. Invited Editorial: The Tour de France, but make it recreational: Possible for mortals. *J Appl Physiol*, 2024. doi: 10.1152/japplphysiol.00014.2024
17. Bernard TE, **Wolf ST**, & Kenney WL. Invited Review: A novel conceptual model for human heat tolerance. *Exerc Sport Sci Rev*, 2024. doi: 10.1249/JES.0000000000000332
18. Fisher KG, Cottle RM, Kenney WL, & **Wolf ST**. Sunscreen does not alter sweating responses or critical environmental limits in young adults (PSU HEAT). *J Appl Physiol*, 2024. doi: 10.1152/japplphysiol.00756.2023
19. Daanen HAM, Dijkstra I, Abbink E, de Jong IJ, **Wolf ST**, Bongers CCWG, Hondema LS, Eijsvogels TMH, & Kingma BRM. Sex differences in thermophysiological responses of elderly to low-intensity exercise during uncompensable heat strain. *Eur J Appl Physiol*, 2024. doi: 10.1007/s00421-024-05457-8
20. **Wolf ST**, Cottle RM, Fisher KG, Vecellio DJ, & Kenney WL. Heat stress vulnerability and critical environmental limits for older adults (PSU HEAT Project). In Press.
21. Ashley CD, Lopez RM, Odera AM, **Wolf ST**, Kenney WL, & Bernard TE. Core temperature and heart rate at the upper limit of the prescriptive zone. Physiol Rep, 2023. doi: 10.14814/phy2.15812.
22. Bernard TE, Ashley CD, **Wolf ST**, Lopez RM, & Kenney WL. Distribution of upper limit of the prescriptive zone values for acclimatized and unacclimatized individuals. *J Appl Physiol*, 2023. doi: 10.1152/japplphysiol.00724.2022
23. Cottle RM, Fisher KG, **Wolf ST**, & Kenney WL. Onset of cardiovascular drift during progressive heat stress in young adults (PSU HEAT Project). *J Appl Physiol*, 2023. doi: 10.1152/japplphysiol.00222.2023
24. Dillon GA, **Wolf ST**, Williams AC, Kenney WL, & Alexander LM. Nitric oxide-mediated cutaneous microvascular function is not altered in middle-aged-to-older adults following mild SARS-CoV-2 infection: A pilot study. Physiol Rep, 2023. doi: 10.14814/phy2.15704
25. Fisher KG, Kenney WL, & **Wolf ST**. Seasonal tanning-induced increases in skin pigmentation do not impact nitric oxide-mediated vasodilation of the cutaneous microvasculature. *J Appl Physiol*, 2023. doi: 10.1152/japplphysiol.00118.2023
26. **Wolf ST**, Havenith G, & Kenney WL. Influence of individual characteristics on critical WBGT limits at low and high humidity in healthy young men and women (PSU HEAT). *J Appl Physiol*, 2023. doi: 10.1152/japplphysiol.00657.2022
27. Vecellio DJ, Cottle RM, **Wolf ST**, & Kenney WL. Invited Review: Critical environmental limits for human thermoregulation in the context of a changing climate. *Exerc Sport Mov*, 2023. doi: 10.1249/ESM.0000000000000008

28. Cottle RM, Lichter ZS, Vecellio DJ, **Wolf ST**, & Kenney WL. Core temperature responses to compensable vs. uncompensable heat stress in young adults (PSU HEAT Project). *J Appl Physiol*, 2022. doi: https://doi.org/10.1152/japplphysiol.00388.2022
29. **Wolf ST**, Dillon GA, Alexander LM, Jablonski NG, & Kenney WL. Skin pigmentation is negatively associated with both circulating vitamin D concentration and cutaneous microvascular endothelial function. *Am J Physiol Heart Circ Physiol*, 2022. doi: 10.1152/ajpheart.00309.2022
30. **Wolf ST**, Vecellio DJ, & Kenney WL. Invited Review: Adverse heat-health outcomes and critical environmental limits (PSU HEAT). *Am J Hum Biol*, 2022. doi: 10.1002/ajhb.23801
31. Vecellio DJ, **Wolf ST**, Cottle RM, & Kenney WL. Utility of the Heat Index in defining the upper limits of thermal balance during light physical activity (PSU HEAT), *Int J Biometeorol*, 2022. doi: 10.1007/s00484-022-02316-z
32. **Wolf ST**, Bernard TE, & Kenney WL. Heat exposure limits for young unacclimatized males and females at low and high humidity. *J Occup Environ Hyg*, 2022. doi: 10.1080/15459624.2022.2076859
33. Dillon GA, **Wolf ST**, & Alexander LM. Nitric oxide-mediated microvascular function is not altered in young, otherwise healthy adults following SARS-CoV-2 infection. *Am J Physiol Heart Circ Physiol*, 2022. doi: 10.1152/ajpheart.00602.2021
34. Vecellio DJ, **Wolf ST**, Cottle RM, & Kenney WL. Evaluating the 35°C wet-bulb temperature adaptability threshold for young, healthy adults (PSU HEAT). *J Appl Physiol (1985)*, 2022. doi: 10.1152/japplphysiol.00738.2021
35. Cottle RM, **Wolf ST**, Zachary S. Lichter, & Kenney WL. Validity and Reliability of a Protocol to Establish Human Critical Environmental Limits (PSU HEAT). *J Appl Physiol (1985)*, 2022. doi: 10.1152/japplphysiol.00736.2021
36. **Wolf ST**, Cottle RM, Vecellio DJ, & Kenney WL. Critical environmental limits for young, healthy adults (PSU HEAT). *J Appl Physiol (1985)*, 2022. doi: 10.1152/japplphysiol.00737.2021
37. Berry CW, **Wolf ST**, Cottle RM, Murray B, & Kenney WL. Hydration is more important than exogenous carbohydrate intake during push-to-the finish cycle exercise in the heat. *Front Sport and Act Living*, 2021. doi: 10.3389/fspor.2021.742710
38. **Wolf ST**, Folkerts, MA, Cottle RM, Daanen HAM, & Kenney WL. Metabolism- and sex-specific critical WBGT limits in unacclimatized young adults. *Am J Physiol Regul Integr Compo Physiol*, 2021. doi: 10.1152/ajpregu.00101.2021
39. **Wolf ST** & Kenney WL. Invited Review: Skin pigmentation and vitamin D–folate interactions in vascular function: An update. *Curr Opin Clin Nutr and Metab Care*, 2021. doi: 10.1097/mco.0000000000000788
40. Kenney WL, **Wolf ST**, Dillon GA, Berry CW, & Alexander LM. Invited Review: Temperature regulation during exercise in the heat: insights for the aging athlete. *J Sci Med Sport*, 2021. doi: 10.1016/j.jsams.2020.12.007
41. **Wolf ST**, Jablonski NG, & Kenney WL. Examining "race" in physiology. *Am J Physiol Heart Circ Physiol*, 2020. doi: 10.1152/ajpheart.00698.2020

42. **Wolf ST**, Jablonski NG, Ferguson SB, Alexander LM, & Kenney WL. Four weeks of vitamin D supplementation improves nitric oxide-mediated microvascular function in college-aged African Americans. *Am J Physiol Heart Circ Physiol*, 2020. doi: 10.1152/ajpheart.00631.2020
43. Greaney JL, Stanhewicz AE, **Wolf ST**, & Kenney WL. Thermoregulatory reflex control of cutaneous vasodilation in healthy aging. *Temperature*, 2020. doi: 10.1080/23328940.2020.1832950
44. Berry CW, **Wolf ST**, Murray B, & Kenney WL. Hydration efficacy of a milk permeate-based oral hydration solution. *Nutrients*, 2020. doi: 10.3390/nu12051502
45. **Wolf ST**, Berry CW, & Dillon GD. A role for endothelin-A receptors in altered blood flow and pressor responses during exercise in hypertensive adults. *J Physiol*, 2020. doi: 10.1113/jp279344
46. **Wolf ST**, Kenney LE, & Kenney WL. Ultraviolet radiation exposure, risk, and protection in military and outdoor athletes. *Curr Sports Med Rep*, 2020. doi: 10.1249/jsr.0000000000000702
47. **Wolf ST** & Kenney WL. The vitamin D-folate hypothesis in human vascular health. *Am J Physiol Regul Integr Comp Physiol*, 2019. doi:10.1152/ajpregu.00136.2019
48. **Wolf ST**, Berry CW, Stanhewicz AE, Kenney LE, Ferguson SB, & Kenney WL. Sunscreen or simulated sweat minimizes the impact of acute ultraviolet radiation on cutaneous microvascular function in healthy humans. *Exp Phys*, 2019. doi: 10.1113/ep087688
49. **Wolf ST**, Stanhewicz AE, Clarke MM, Cheuvront SN, Kenefick RW, & Kenney WL. Age-related differences in water and sodium handling following commercial hydration beverage ingestion. *J Appl Physiol (1985)*, 2019. doi: 10.1152/japplphysiol.01094.2018
50. Clark MM, Stanhewicz AE, **Wolf ST**, Cheuvront SN, Kenefick RW, & Kenney WL. A randomized trial to assess beverage hydration index in healthy older adults. *Am J Clin Nutr*, 2019. doi: 10.1093/ajcn/nqz009
51. **Wolf ST**, Stanhewicz AE, Jablonski NG, & Kenney WL. Acute ultraviolet radiation exposure attenuates nitric oxide-mediated vasodilation in the cutaneous microvasculature of healthy humans. *J Appl Physiol (1985)*, 2018. doi: 10.1152/japplphysiol.00501.2018
52. Pryor JL, **Wolf ST**, Sforzo G, Swensen T. The effect of betaine on nitrate and cardiovascular response to exercise. *Int J Ex Sci*., 2017.

PUBLISHED ABSTRACTS

1. Bangle JF, Jennings WE, Guadagni AJ, Albino GR, Grundstein AJ, & **Wolf ST**. Microvascular, but not macrovascular, function is reduced in winter compared with summer in healthy young adults. *Physiology*, 2026.
2. Haskell EA, Bangle JF, Jennings WE, & **Wolf ST**. Seasonal variation in blood pressure control in healthy young adults. *Physiology*, 2026.
3. Fredericks SN, Jennings WE, Clary BL, Call JA, & **Wolf ST**. No association between changes in PBMC mitochondrial bioenergetics and cutaneous microvascular function after supplementation with a mitochondrial antioxidant *Physiology*, 2026.

4. Jennings WE, Bangle JF, Albino GR, & **Wolf ST**. Relative contributions of mitochondrial and non-mitochondrial oxidative stress in age-related endothelial dysfunction. *Physiology*, 2026.
5. Bangle JF, Albino GR, Heo J, Call JA, & **Wolf ST**. Age-Related Differences in PBMC Mitochondrial Bioenergetics and Antioxidant Buffering Capacity. *Physiology*, 2025.
6. Haskell EA, Bangle JF, Albino GR, Heo J, Call JA, & **Wolf ST**. Sex differences in mitochondrial bioenergetics and antioxidant buffering capacity in PBMCs from healthy young men and women. *Physiology*, 2025.
7. Albino GR, Bangle, JF, Cooper JA, & **Wolf ST**. Obesity, not age, drives increased cardiovascular strain during passive heat stress in middle-aged compared with young women. *Physiology*, 2025.
8. **Wolf ST** & Kenney WL. Obesity increases cardiovascular strain during passive heat stress in middle-aged women. *Physiology*, 2024.
9. Leach OK, Cottle RM, Fisher KG, Kenney WL, & **Wolf ST**. Influence of Individual Characteristics on Critical Environmental Limits in Middle-aged and Older Adults (PSU HEAT Project). *Physiology*, 2024.
10. Fisher KG, Cottle RM, **Wolf ST**, & Kenney WL. Critical Environmental Limits for Middle-Aged Adults (PSU HEAT Project). *Physiology*, 2024.
11. Cottle RM, Fisher KG, **Wolf ST**, & Kenney WL. Age-Related Differences in the Onset of Cardiovascular Drift during Progressive Heat Stress (PSU HEAT Project). *Physiology*, 2024.
12. Kirby NV, Williams AC, Content VG, **Wolf ST**, Dillon GA, Stachenfeld NS, & Alexander LM. Effects of a randomized placebo-controlled oral salsalate intervention on flow-mediated dilation in women with endometriosis. *Medicine & Science in Sports & Exercise*, 2023.
13. Fisher KG, Cottle RM, Kenney WL, & **Wolf ST**. Mineral based sunscreen does not alter core temperature responses to heat stress in hot-dry conditions in young adults. *Medicine & Science in Sports & Exercise*, 2023.
14. Cottle RM, Fisher KG, **Wolf ST**, & Kenney WL. Heart rate responses during progressive heat stress in young versus older adults (PSU HEAT Project). *Medicine & Science in Sports & Exercise*, 2023.
15. Kirby NV, Williams AC, Content VG, **Wolf ST**, Dillon GA, Stachenfeld NS, & Alexander LM. Shear rate patterns during flow-mediated dilation in women with endometriosis: preliminary findings. *Physiology*, 2023.
16. Fisher KG, Kenney WL, & **Wolf ST**. Seasonal tanning-induced increases in skin pigmentation do not affect nitric oxide-mediated vasodilation of the cutaneous microvasculature. *Physiology*, 2023.
17. **Wolf ST**, Havenith G, & Kenney WL. Relative influence of individual characteristics on critical WBGT limits in young adults (PSU HEAT Project). *Physiology*, 2023.
18. Cottle RM, Fisher KG, **Wolf ST**, & Kenney WL. Heart rate responses during progressive heat stress in young, healthy adults (PSU HEAT Project). *Physiology*, 2023.

19. Williams AC, Dillon GA, **Wolf ST**, Kenney WL, & Alexander LM. No impact of biological sex on nitric oxide contribution to cutaneous vascular responses to 39°C local heating. *Physiology*, 2023.
20. **Wolf ST**, Cottle RM, Vecellio DJ, & Kenney WL. Critical environmental limits for young, healthy adults (PSU HEAT). *The FASEB Journal*, 2022.
21. Cottle, RM, **Wolf ST**, Licther ZS, & Kenney WL. Critical environmental limit protocol: validity and reliability (PSU HEAT). *The FASEB Journal*, 2022.
22. Vecellio DJ, **Wolf ST**, Cottle RM, & Kenney WL. Suitability of thermal indices in describing heat stress compensability. *The FASEB Journal*, 2022.
23. Dillon GA, Swanger FA, **Wolf ST**, & Alexander LM. Nitric oxide-dependent cutaneous vasodilation is not altered in adults following SARS-CoV-2 infection. *The FASEB Journal*, 2022.
24. Berry CW, **Wolf ST**, & Kenney WL. Hydration, ad libitum consumption and performance are similar between a milk permeate solution, a traditional sports drink, and water following overnight fluid restriction in recreationally active adults. *The FASEB Journal*, 2022.
25. Vecellio DJ, Cottle RM, Wolf ST, & Kenney WL. Validating the 35°C wet-bulb temperature survivability threshold for young, healthy subjects at differing metabolic rates. *102nd American Meteorological Society Annual Meeting*, 2022.
26. Berry CW, **Wolf ST**, Cottle RM, & Kenney WL. Hydration is more important than exogenous carbohydrate intake during push-to-the-finish cycling in the heat. *International Journal of Exercise Science: Conference Proceedings*, 2022.
27. **Wolf ST**, Jablonski NG, Ferguson SB, Alexander LM, & Kenney WL. Skin pigmentation is negatively associated with both circulating vitamin D concentration and cutaneous microvascular endothelial function. *The FASEB Journal*, 2021.
28. **Wolf ST**, Greaney JL, Stanhewicz AE, Alexander LM & Kenney WL. The nitric oxide contribution to reflex cutaneous vasodilation is similar when quantified either within or between sites using intradermal microdialysis. *The FASEB Journal*, 2020.
29. **Wolf ST,** Greaney JL, Stanhewicz AH, Alexander LM, & Kenney WL. Delayed time course of nitric oxide-dependent reflex vasodilation in aged human skin. *International Conference on Environmental Ergonomics*, 2019.
30. **Wolf ST**, Stanhewicz AE, Jablonski NG, Ferguson SB, & Kenney WL. The modulating effects of sunscreen and simulated sweat on ultraviolet radiation-induced microvascular dysfunction in the human cutaneous vasculature. *The FASEB Journal*, 2019.
31. Berry CW, Hill IN, **Wolf ST**, Stanhewicz AE, & Kenney WL. Skin erythema and blood flow responses to acute ultraviolet radiation exposure. *The FASEB Journal*, 2019.
32. Hill IN, **Wolf ST**, Stanhewicz AE, & Kenney WL. Skin erythema and blood flow responses to acute ultraviolet radiation exposure. *International Journal of Exercise Science: Conference Proceedings*, 2018.
33. **Wolf ST**, Stanhewicz AE, Garner TB, Jablonski NG, & Kenney WL. Acute ultraviolet radiation exposure attenuates nitric oxide-mediated vasodilation in the cutaneous microvasculature. *Medicine and Science in Sports and Exercise*, 2018.

34. **Wolf ST**, Pryor RR, Singh B, Pryor JL. Efficacy of a personalized hydration plan on repeated countermovement jump performance after exercise heat stress. *Medicine & Science in Sports & Exercise*, 2017.

PRESENTATIONS

1. **Wolf ST**. Climate impacts on cardiovascular health in adults with and without obesity. *University of Georgia Obesity Research Symposium*, 2026. Athens, GA, USA. Invited Presentation.
2. **Wolf ST**. Hydration and thermoregulation in master's athletes. *American College of Sports Medicine Annual Meeting*, 2025. Atlanta, GA, USA. Invited Presentation.
3. **Wolf ST**. Sunscreen application and heat strain. *Fort Moore Heat Forum*, 2025. Fort Moore, GA, USA. Invited Presentation.
4. **Wolf ST**. Exploring the etiology of racial disparities in cardiovascular health. *University of Georgia – Augusta University Medical Partnership Seminar*, 2024. Athens, GA, USA. Invited Presentation.
5. **Wolf ST**. Heat stress vulnerability in a warming climate. *American College of Sports Medicine Annual Meeting*, 2024. Boston, MA, USA. Invited Presentation.
6. **Wolf ST** & Kenney WL. Obesity increases cardiovascular strain during passive heat stress in middle-aged women. *Organization of Sex Differences*, 2024. Bergen, NO. Poster
7. **Wolf ST** & Kenney WL. Obesity increases cardiovascular strain during passive heat stress in middle-aged women. *American Physiological Summit*, 2024. Long Beach, CA, USA. Poster
8. **Wolf ST**, Havenith G, & Kenney WL. Influence of individual characteristics on critical WBGT limits at low and high humidity in healthy young men and women (PSU HEAT). *American Physiological Summit*, 2023. Long Beach, CA, USA. Poster.
9. **Wolf ST**. "Race" and skin pigmentation in vascular health. *Europhysiology*, 2022. Copenhagen, DK. Invited Presentation.
10. **Wolf ST**, Cottle RM, & Kenney WL. Influence of individual characteristics on critical WBGT limits at low and high humidity in young adults. *International Conference on Environmental Ergonomics*, 2022. Niagara Falls, Ontario, CA. Oral Presentation.
11. **Wolf ST**. Ultraviolet radiation, skin pigmentation, and vitamin D-folate interactions in cutaneous microvascular function. *American College of Sports Medicine Annual Meeting*, 2022. San Diego, CA, USA. Invited Presentation.
12. Culver MN, Linder BA, Jeong S, Hutchison ZJ, Barnett AM, Fuller-Rowell TE, Grosicki GJ, **Wolf ST**, Robinson AT. The influence of skin pigmentation and vitamin D status on central and peripheral blood pressure and arterial stiffness in young adults. *Vascular Biology and Hypertension Symposium. University of Alabama at Birmingham*, 2022. Birmingham, AL, USA. Poster.
13. Jeong S, Linder BA, Barnett AM, Hutchison ZJ, Fuller-Rowell TE, **Wolf ST**, Grosicki GJ, Robinson AT. The influence of vitamin D status on nocturnal blood pressure dipping in healthy young adults. *Vascular Biology and Hypertension Symposium. University of Alabama at Birmingham*, 2022. Birmingham, AL, USA. Poster.

14. **Wolf ST**. Use of intradermal microdialysis to interrogate vascular endothelial function in humans. *Experimental Biology*, Trainee Workshop, 2022. Philadelphia, PA, USA.
15. **Wolf ST**. Ultraviolet radiation and Vitamin D-folate metabolism in differently pigmented skin. *Experimental Biology*, 2022. Philadelphia, PA, USA. Invited Presentation.
16. **Wolf ST**, Cottle RM, Vecellio DJ, & Kenney WL. Critical environmental limits for young, healthy adults (PSU HEAT). *Experimental Biology*, 2022. Philadelphia, PA, USA. Poster.
17. **Wolf ST**. "Race" and Skin Pigmentation in Vascular Health. *University of Illinois Chicago, Integrative Physiology Symposium*, 2022. Virtual Invited Presentation.
18. **Wolf ST**, Jablonski NG, Ferguson SB, Alexander LM, & Kenney WL. Skin pigmentation is negatively associated with both circulating vitamin D concentration and cutaneous microvascular endothelial function. *Experimental Biology*, 2021. Virtual Poster.
19. **Wolf ST**, Greaney JL, Stanhewicz AE, Alexander LM & Kenney WL. The nitric oxide contribution to reflex cutaneous vasodilation is similar when quantified either within or between sites using intradermal microdialysis. *Experimental Biology*, 2020. Virtual Poster.
20. **Wolf ST**, Greaney JL, Stanhewicz, AE, Alexander LM, & Kenney WL. Delayed time course of nitric oxide-dependent reflex vasodilation in aged human skin. *International Conference on Environmental Ergonomics*, 2019. Amsterdam, NL. Oral Presentation.
21. **Wolf ST**, Stanhewicz AE, Clarke MM, Cheuvront SN, Kenefick RW, & Kenney WL. Age-related differences in water and sodium handling following commercial hydration beverage ingestion. *Experimental Biology*, 2019. Orlando, FL, USA. Poster.
22. **Wolf ST**, Stanhewicz AE, Jablonski NG, Ferguson SB, & Kenney WL. The modulating effects of sunscreen and simulated sweat on ultraviolet radiation-induced microvascular dysfunction in the human cutaneous vasculature. *Experimental Biology*, 2019. Orlando, FL, USA. Poster.
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TRAINEES

Doctoral

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Sandra Fredericks

Emily Haskell

Masters

James Bangle

Georgia Albino

Undergraduate

Madylann Helms

Emily Haskell

Olivia Kirkman

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