

Curriculum Vitae
Casey G. Turner, Ph.D.
 (Née Hollowed)

CONTACT INFORMATION

Email: cgt0037@auburn.edu

EDUCATION

- 2017 – 22 **Doctor of Philosophy in Kinesiology**
 Georgia State University, Atlanta, GA.
 Concentration: Exercise Physiology. (GPA: 4.16)
- 2015 – 17 **Master of Science in Exercise Science**
 Georgia State University, Atlanta, GA.
 Concentration: Exercise Physiology. (GPA: 4.24)
- 2010 – 14 **Bachelor of Science in Exercise Science**
 Georgia College & State University, Milledgeville, GA. (GPA: 3.94)

ACADEMIC POSITIONS

- 2025 – present **Assistant Professor**
 School of Kinesiology, Auburn University, Auburn, AL.
- 2022 – 25 **Post-Doctoral Research Fellow**
 Molecular Cardiology Research Institute, Tufts Medical Center, Boston, MA.
 PI: Jennifer DuPont, Ph.D.
- 2020 – 22 **Graduate Teaching Assistant**
 Department of Kinesiology & Health, Georgia State University, Atlanta, GA.
- 2017 – 22 **Graduate Research Assistant**
 Department of Kinesiology & Health, Georgia State University, Atlanta, GA.
 PI: Brett Wong, Ph.D.
- 2016 – 22 **Clinical Research Coordinator**
 Emory Clinical Cardiovascular Research Institute, Emory University, Atlanta, GA. PI: Jonathan Kim, M.D.
- 2015 – 20 **Graduate Laboratory Assistant**
 Department of Kinesiology & Health, Georgia State University, Atlanta, GA.

FELLOWSHIPS & FUNDING

Extramural Fellowships & Research Funding

- 2025 – 28 National Institutes of Health (F32) Postdoctoral Fellowship, Tufts Medical Center, Boston, MA. *The Role of Smooth Muscle Cell Estrogen Receptor Alpha in Aging-Associated Arterial Stiffness*. \$229,932. Role: Principal Investigator. *FUNDED*. Grant ID: F32HL176055-01. Active: 01/2025 – 07/2025.

2024 – 25 American Heart Association Postdoctoral Fellowship, Tufts Medical Center, Boston, MA. *The Role of Smooth Muscle Cell Estrogen Receptor Alpha in Aging-Associated Arterial Stiffness*. \$144,580. Role: Principal Investigator. *FUNDED*. Grant ID: 24POST1192551. Active: 01/2024 – 12/2024.

Intramural Fellowships & Research Funding

2022 William M. Suttles Graduate Fellowship, Georgia State University, Atlanta, GA. *Endothelium-Dependent Vasodilation and Nitric Oxide Bioavailability in Premenopausal Women*. Awarded, \$2500.

2022 Georgia State University Dissertation Grant, Georgia State University, Atlanta, GA. *Endothelium-Dependent Vasodilation and Nitric Oxide Bioavailability in Premenopausal Women*. Awarded, \$2000.

2021 Hayden-Waltz Dissertation Award, Georgia State University Foundation, Atlanta, GA. *Endothelium-Dependent Vasodilation and Nitric Oxide Bioavailability in Premenopausal Women*. Awarded, \$1000.

PEER-REVIEWED PUBLICATIONS

1. **Turner CG**, Kenney R, Vorn J, Kim SK, Martin G, Pulakat L, Jaffe IZ, DuPont JJ. The angiotensin II type 2 receptor attenuates aging-associated arterial stiffness in female mice. *Am J Physiol Heart Circ Physiol*. 2025, 329(2): H388-H394. doi: 10.1152/ajpheart.00328.2025.
2. **Turner CG**, Stanhewicz AE, Nielsen KE, Otis JS, Feresin RG, Wong BJ. Oral contraceptive pill phase alters mechanisms contributing to cutaneous microvascular function in response to local heating. *Am J Physiol Regul Integr Comp Physiol*, 2025, 328(3): R374-R385. doi: 10.1152/ajpregu.00159.2024.
 - a. Associated podcast: <https://apspublicationspodcast.podbean.com/e/how-oral-contraceptive-pill-phase-alters-microvascular-response-to-local-heating/>. June 2025.
3. **Turner CG**, Oliveira K, Lu Q, Patel AR, Pulakat L, Jaffe IZ, DuPont JJ. Microvascular angiotensin II type 2 receptor function is enhanced in young females and declines in model of murine aging. *J Cardiovasc Aging*, 2024, 4(3): 19. doi: 10.20517/jca.2024.09.
4. **Turner CG**, Hayat MJ, Otis JS, Quyyumi AA, Wong BJ. The Effect of Endothelin A Receptor Inhibition and Biological Sex on Cutaneous Microvascular Function in non-Hispanic Black and White Young Adults. *Physiol Rep*, 2024, 12(14): e16149. 2024. doi: 10.14814/phy2.16149.
5. Wong BJ, **Turner CG**, Hayat MJ, Otis JS, Quyyumi AA. Inhibition of superoxide and iNOS augment cutaneous nitric oxide-dependent vasodilation in non-Hispanic Black young adults. *Physiol Rep*, 2024, 12(8): e16021. doi: 10.14814/phy2.16021.
6. Tso JV, **Turner CG**, Liu C, Prabakaran G, Jackson M, Galante A, Gilson CR, Clark C, Williams BR, Quyyumi AA, Baggish AL, Kim JH. Longitudinal Aortic Root Dilatation in Collegiate American-Style Football Athletes. *J Am Heart Assoc*, 2023, 12(12): e030314. doi: 10.1161/JAHA.122.030314.

7. **Turner C***, Walker D*, Wong BJ. Contribution of Sensory Nerves to Cutaneous Reactive Hyperaemia in Non-Hispanic Black and White Young Adults. *Exp Physiol*, 2023, 108(6): 802-809. doi: 10.1113/EP091178. (*indicates co-first authors)
8. **Turner CG**, Hayat MJ, Grosch C, Quyyumi AA, Otis JS, Wong BJ. Endothelin A Receptor Inhibition Increases Cutaneous Nitric Oxide-Dependent Vasodilation Independent of Superoxide in Non-Hispanic Black Young Adults. *J Appl Physiol*, 2023, 134(4): 891-899. doi: 10.1152/jappphysiol.00739.2022.
9. **Turner CG**, Stanhewicz AE, Nielsen KE, Otis JS, Feresin RG, Wong BJ. Effects of Biological Sex and Oral Contraceptive Pill Use on Cutaneous Microvascular Endothelial Function and Nitric Oxide-Dependent Vasodilation in Humans. *J Appl Physiol*, 2023, 134(4): 858-867. doi: 10.1152/jappphysiol.00586.2022.
 - a. Associated Letter to the Editor: Colburn AT, Stachenfeld NS. Comment on “Effects of Biological Sex and Oral Contraceptive Pill Use on Cutaneous Microvascular Endothelial Function and Nitric Oxide-Dependent Vasodilation in Humans”. *J Appl Physiol*, 2023, 135(2): 485-486. doi: 10.1152/jappphysiol.00335.2023.
 - b. Reply: **Turner CG**, Stanhewicz AE, Nielsen KE, Otis JS, Feresin RG, Wong BJ. Reply to Colburn and Stachenfeld. *J Appl Physiol*, 2023, 135(2): 487-488. doi: 10.1152/jappphysiol.00408.2023.
10. Tso JV, **Turner CG**, Liu C, Miller AB, Eapen DJ, Sperling LS, Kim JH. Exercise Blood Pressure Changes and Aortic Dilatation in Male Masters Endurance Athletes. *Eur J Prev Cardiol*, 2023, 30(5): e18-e20. doi: 10.1093/eurjpc/zwac250.
11. **Turner CG**, Stanhewicz AE, Nielsen KE, Wong BJ. Microvascular Endothelial Function Following Cessation of Long-Term Oral Contraceptive Pill Use: A Case Report. *Exp Physiol*, 2023, 108(1): 5-11. doi: 10.1113/EP090861.
 - a. Associated Letter to the Editor: Kirby NV, Stachenfeld NS, Alexander LM. Letter to the Editor in Response to: Microvascular endothelial function following cessation of long-term oral contraceptive pill use: A case report. *Exp Physiol*, 2023, 108(8): 1092-1094. doi: 10.1113/EP091174.
 - b. Reply: **Turner CG**, Stanhewicz AE, Nielsen KE, Wong BJ. Reply to Letter to the Editor in Response to: Microvascular endothelial function following cessation of long-term oral contraceptive pill use: A case report. *Exp Physiol*, 2023, 108(8): 1095-1097. doi: 10.1113/EP091262.
12. Tso JV, Liu C, **Turner CG**, Uppal K, Prabakaran G, Ejaz K, Baggish AL, Jones DP, Quyyumi AA, Kim JH. Metabolic Alterations Differentiating Cardiovascular Maladaptation from Athletic Training in American-Style Football Athletes. *Med Sci Sports Exerc*, 2022, 54(10): 1617-1624. doi: 10.1249/MSS.0000000000002960.
13. Tso JV, **Turner CG**, Liu C, Ahmad S, Ali A, Selvaraj S, Galante A, Gilson CR, Clark C, Williams BR, Quyyumi AA, Baggish AL, Kim JH. Hypertension and ventricular-arterial uncoupling in collegiate American-style football athletes. *JAMA*, 2022, 11(6): e023430. doi: 10.1161/JAHA.121.023430.
14. Tso JV, **Turner CG**, Liu C, Galante A, Gilson CR, Clark C, Taylor HA, Quyyumi AA, Baggish AL, Kim JH. Association between race and maladaptive concentric left ventricular hypertrophy in American-style football athletes. *Br J Sports Med*, 2021, 0: 1-8. doi: 10.1136/bjsports-2021-104333.

15. Miller JT, **Turner CG**, Otis JS, Sebeh Y, Hayat MJ, Quyyumi AA, Wong BJ. Inhibition of iNOS augments cutaneous endothelial NO-dependent vasodilation in prehypertensive non-Hispanic Whites and in non-Hispanic Blacks. *Am J Physiol Heart Circ Physiol*, 2021, 320(1): H190-H199. doi: 10.1152/ajpheart.00644.2020.
16. Wong BJ, **Turner CG**, Miller JT, Walker DC, Sebeh Y, Hayat MJ, Otis JS, Quyyumi AA. Sensory nerve-mediated and nitric oxide-dependent cutaneous vasodilation in normotensive and prehypertensive non-Hispanic Blacks and Whites. *Am J Phys Heart Circ Phys*, 2020, 319(2): H271-H281. doi: 10.1152/ajpheart.00177.2020.
17. **Turner CG**, Stanhewicz AE, Wong BJ. Female sex hormone effects on the vasculature: considering the validity of restricting study inclusion to low-hormone phases. *Front Physiol*, 2020, 11: 596507. doi: 10.3389/fphys.2020.596507.
18. Tso J, **Hollowed C**, Chang L, Alkholder A, Dommissie M, Gowani Z, Miller A, Nguyen G, Nguyen P, Prabakaran G, Wehbe M, Galante A, Gilson CL, Clark C, Marshall T, Patterson G, Quyyumi AA, Baggish AL, Kim JH. Nonsteroidal Anti-inflammatory Drugs and Cardiovascular Risk in American Football. *Med Sci Sports Exerc*, 2020, 52(12): 2522-2528. doi: 10.1249/MSS.0000000000002404.
19. **Turner CG**, Miller JT, Otis JS, Hayat MJ, Quyyumi AA, and Wong BJ. Cutaneous sensory nerve-mediated microvascular vasodilation in normotensive and prehypertensive non-Hispanic Blacks and Whites. *Physiological Reports*, 2020, 8(9): e14437. doi: 10.14814/phy2.14437.
20. Kim JH, **Hollowed C**, Lui C, Al-Badri A, Alkhoder A, Dommissie M, Gowani Z, Miller A, Nguyen P, Prabakaran G, Sidoti A, Wehbe M, Galante A, Gilson CL, Clark C, Ko Y-A, Quyyumi AA, Baggish AL. Weight Gain and the Emergence of a Maladaptive Cardiovascular Phenotype Among American-Style Football Players, 2019, 4(12): 1221-1229. doi:10.1001/jamacardio.2019.3909.
21. Kim JH, **Hollowed C**, Patel K, Hosny K, Aida H, Gowani Z, Sher S, Shoop JL, Glanate A, Clark C, Marshall T, Patterson G, Schmitt G, Ko Y-A, Quyyumi AA, and Baggish AL. Temporal Changes in Cardiovascular Remodeling Associated with Football Participation. *Med Sci Sports Exerc*, 2018, 50(9): 1892-1898. doi: 10.1249/MSS.0000000000001631.
22. Kim JH, **Hollowed C**, Irwin-Weyant M, Patel K, Hosny K, Aida H, Gowani Z, Sher S, Gleason P, Shoop JL, Glanate A, Clark C, Ko Y, Quyyumi AA, Collop NA, and Baggish AL. Sleep-disordered breathing and cardiovascular correlates in college football players. *Am J Cardiol*, 2017, 120(8): 1410-1415. doi: 10.1016/j.amjcard.2017.07.030.

INVITED REVIEW ARTICLES

23. **Turner CG** and DuPont JJ. The effect of transient sex hormone fluctuations on endothelial function. *Am J Physiol Heart Circ Physiol*, 2025, 329(1): H217-H232. doi: 10.1152/ajpheart.00174.2025.
24. **Turner CG**, Oliveira K, Jaffe IZ, DuPont JJ. Mineralocorticoid and estrogen receptors as sex-dependent modulators of vascular health in aging and obesity. *J Pharmacol Exp Ther*, 2025, 392(6): 103591. doi: 10.1016/j.jpet.2025.103591.
25. Najjar RS*, **Turner CG***, Wong BJ, Feresin RG. Berry-Derived Polyphenols in Cardiovascular Pathologies: Mechanisms of Disease and the Role of Diet and Sex. *Nutrients*, 2021, 13(2): 387. doi: 10.3390/nu13020387. (***indicates co-first authors**)

26. Tso JV, **Turner CG**, Kim JH. A Hidden Threat: Anomalous Aortic Origins of the Coronary Arteries in Athletes. *Curr Treat Options Cardio Med*, 2020, 22(12): 67. doi: 10.1007/s11936-020-00859-1.
27. Wong BJ and **Hollowed CG**. Current concepts of active vasodilation in human skin. *Temperature*, 2017, 4(1): 41-59. doi: 10.1080/23328940.2016.1200203.

EDITORIALS

28. **Turner CG**, Good ME, DuPont JJ. New clues on sex-specific cerebrovascular aging. *Am J Physiol Heart Circ Physiol*. 2025, 329(2): H306-H308. doi: 10.1152/ajpheart.00421.2025.
29. **Turner CG** and DuPont JJ. The effect of hormonal cycles on vascular physiology in premenopausal females. *Am J Physiol Heart Circ Physiol*, 2024, 327(4): H1016-H1018. doi: 10.1152/ajpheart.00612.2024.

ABSTRACTS FROM NATIONAL & INTERNATIONAL CONFERENCES

Oral Presentations

1. **Turner CG**, Oliveira K, Breton J, Matz J, Sun Z, Hill M, DuPont J. Smooth Muscle Cell Estrogen Receptor Alpha Regulates Aging-Associated Arterial Stiffness via Sex-Specific Mechanisms. Oral Presentation, AHA Hypertension: September 2025.
2. **Turner CG**, Martin G, Lu Q, Sun Z, Jaffe I, Hill M, DuPont J. Estrogen and Smooth Muscle Cell Estrogen Receptor Alpha Modulate Arterial Stiffness. Oral Presentation, AHA Hypertension: September 2023.

Poster Presentations

1. Oliveira K, **Turner CG**, Matz J, Martin G, DuPont J. Smooth muscle cell poly (ADP-ribose) polymerase 1 contributes to the development of aging-associated arterial stiffening. AHA Hypertension: September 2025.
2. Matz J, **Turner CG**, Oliveira K, DuPont J. Smooth Muscle Cell Estrogen Receptor Alpha Deletion Improves Microvascular Function in Aged Female, but not Male, Mice. AHA Hypertension: September 2025.
3. **Turner CG**, Oliveira K, Breton J, Martin G, DuPont J. Estradiol Supplementation Prevents Ovariectomy-Induced Arterial Stiffness and Vascular Fibrosis. Training Advocacy Committee Poster Competition, AHA Hypertension: September 2024.
4. DuPont JJ, **Turner CG**, Martin G, Sun Z, Hill MA. Smooth Muscle Cell Estrogen Receptor Alpha Deletion Protects Against Aging-Associated Arterial Stiffness in Females. Poster Presentation, Arteriosclerosis Thrombosis and Vascular Biology: May 2023.
5. **Turner CG**, McHugh-McGlothlin S, and Wong BJ. Effect of Oral Contraceptive Phase on Mechanisms of Cutaneous Microvascular Function. Experimental Biology: April 2022.
6. **Turner CG**, Wenner MM, and Wong BJ. Endothelin-A Receptor Antagonism Improves Nitric Oxide-Dependent Vasodilation in Women during the Low Hormone, but not High Hormone, Phase of Oral Contraceptives and in Men. New Trends in Sex and Gender Medicine: October 2021.
7. **Turner CG**, Wenner MM, and Wong BJ. Endothelin-A Receptor Antagonism Increases Nitric Oxide-Dependent Mechanisms of Microvascular Vasodilation in Non-Hispanic Blacks. Seventeenth International Conference on Endothelin: October 2021.

8. Tso J, **Turner C**, Liu C, Ahmad S, Ali A, Selvaraj S, Galante A, Gilson C, Clark C, Williams B, Quyyumi A, Baggish A and Kim J. Hypertension and Impaired Left Ventricular Systolic Function Predict Ventricular-Arterial Uncoupling in American-Style Football Athletes. *Journal of the American College of Cardiology*. 77 (18_Supplement_1): 3200-00. doi: 10.1016/S0735-1097(21)04555-1. ACC Scientific Sessions: May 2021 (Virtual due to COVID-19).
9. Tso J, **Turner C**, Miller A, Jamnik A, Eapen D, Sperling L and Kim J. The Association Between Increased Blood Pressure Response to Exercise and Aortic Dilatation in Male Master Endurance Athletes. *Journal of the American College of Cardiology*. 77 (18_Supplement_1): 3201-01. doi: 10.1016/S0735-1097(21)04556-3. ACC Scientific Sessions: May 2021 (Virtual due to COVID-19).
10. Tso J, **Turner C**, Liu C, Galante A, Gilson C, Clark C, Taylor H, Quyyumi A, Baggish A and Kim J. The Association Between Race and Acquired Left Ventricular Hypertrophy in American-Style Football Athletes. *Journal of the American College of Cardiology*. 77(18_Supplement_1): 3199-99. doi: 10.1016/S0735-1097(21)04554-X. ACC Scientific Sessions: May 2021 (Virtual due to COVID-19).
11. **Turner CG**, Stanhewicz AE, and Wong BJ. Endothelium-Independent, but not Endothelium-Dependent, Human Microvascular Vasodilation Differs Between Young, Healthy Females and Males. *Experimental Biology*: April 2021 (Virtual due to COVID-19).
12. Miller JT, **Turner CG**, and Wong BJ. Independent and Cumulative Effects of Superoxide and iNOS on Cutaneous NO-Dependent Vasodilation in Normotensive Non-Hispanic Blacks and Whites. *Experimental Biology*: April 2021 (Virtual due to COVID-19).
13. **Hollowed CG**, Miller JT, and Wong BJ. Endothelial-Dependent, but not Endothelial-Independent, Vasodilation is Reduced in Non-Hispanic Blacks versus Non-Hispanic Whites. *Experimental Biology*: April 2020 (Cancelled due to COVID-19).
14. Miller J, **Hollowed C**, and Wong BJ. Effect of Physical Activity on Oxidative Stress and Endothelial-Dependent Cutaneous Microvascular Function in Non-Hispanic Blacks: A Pilot Study. *Experimental Biology*: April 2020 (Cancelled due to COVID-19).
15. Tso J, **Hollowed C**, Lui C, Al-Badri A, Alkhoder A, Dommissie M, Gowani Z, Miller A, Nguyen G, Nguyen P, Prabakaran G, Sidoti A, Wehbe M, Galante A, Gilson CL, Clark C, Marshall T, Patterson G, Ko Y-A, Quyyumi AA, Kim JH. The Impact of American-Style Football Participation on Ventricular-Arterial Coupling. *American College of Cardiology*: March 2020 (Cancelled due to COVID-19).
16. **Hollowed C**, Copeland T, Miller J, Hayat M, Otis J, Quyyumi A, and Wong B. Reduced sensory nerve function and nitric oxide sensitivity in non-Hispanic Blacks compared to non-Hispanic Whites. *Experimental Biology, FASEB J* 33 (1 Suppl): April 2019.
17. Miller J, **Hollowed C**, Otis J, Hayat M, Quyyumi A, and Wong B. Effect of iNOS on cutaneous thermal hyperemia in non-Hispanic Blacks versus non-Hispanic Whites. *Experimental Biology, FASEB J* 33 (1 Suppl): April 2019.
18. Walker D, **Hollowed C**, Miller J, Otis J, Hayat M, Quyyumi A, and Wong B. Sensory nerve-mediated and nitric-oxide dependent vasodilation is reduced in non-Hispanic Blacks compared to non-Hispanic Whites. *Experimental Biology, FASEB J* 33 (1 Suppl): April 2019.

19. Kim JH, **Hollowed C**, Patel K, Gowani Z, Gafeer M, Harlan D, Haider A, Sher S, Galante A, Shoop J, Clark C, Quyyumi A, and Baggish A. Aortic root dilatation associated with collegiate American-style football participation. *JACC*, 71(1): 1510. March 2018.
20. Kim JH, **Hollowed C**, Patel K, Hosny K, Aida H, Gowani Z, Sher S, Shoop JL, Galante A, Clark C, Marshall T, Patterson G, Schmitt G, Ko Y, Quyyumi AA, and Baggish AL. Differential American-style football training intensities and cardiac and vascular remodeling patterns. *JACC*, 69(11):1451. March 2017.

ABSTRACTS FROM REGIONAL CONFERENCES & MEETINGS

Oral Presentations

1. **Turner CG**, Martin G, Lu Q, Sun Z, Jaffe I, Hill M, DuPont J. Estrogen and Smooth Muscle Cell Estrogen receptor Alpha Modulate Arterial Stiffness. Oral Lightning Presentation, Molecular Cardiology Research Institute Annual Retreat: September 2023.

Poster Presentations

1. **Turner CG**, Martin G, Lu Q, Sun Z, Jaffe I, Hill M, DuPont J. Estrogen and Smooth Muscle Cell Estrogen receptor Alpha Modulate Arterial Stiffness. Poster Presentation, Molecular Cardiology Research Institute Annual Retreat: September 2023.
2. **Turner CG**, Lu Q, Patel A, Jaffe I, DuPont J. Sex Differences in Angiotensin II Receptor-Mediated Resistance Vessel Function: A Translational Approach. Poster Presentation, Molecular Cardiology Research Institute Annual Retreat: September 2023.
3. **Turner CG**, McHugh-McGlothlin S, and Wong BJ. Effect of Oral Contraceptive Phase on Mechanisms of Cutaneous Microvascular Function. Tufts MCRI Annual Retreat: September 2022.
4. Tso J, Liu C, **Turner C**, Quyyumi A, Baggish A, Kim J. Metabolomic Alterations Differentiating Cardiovascular Pathology from Athletic Training in American Football Players. Emory University 28th Annual Cardiology Research Symposium Emory University, Atlanta, GA. June 2022.
5. Tso J, **Turner C**, Liu C, Ahmad S, Ali A, Selvaraj S, Galante A, Gilson C, Clark C, Williams B, Quyyumi A, Baggish A and Kim J. Hypertension and Reduced Global Longitudinal Strain Predict Ventricular-Arterial Uncoupling in American-style Football Athletes. Emory University 27th Annual Cardiology Research Symposium, Emory University, Atlanta, GA. June 2021.
6. **Turner CG**, Stanhewicz AE, and Wong BJ. Endothelium-Independent, but not Endothelium-Dependent, Human Microvascular Vasodilation Differs Between Young, Healthy Females and Males. How to Incorporate Sex as a Biological Variable in Your Research, Emory University, Atlanta, GA. December 2020.
7. Walker D, **Hollowed C**, Miller J, Otis J, Hayat M, Quyyumi A, and Wong B. Sensory nerve-mediated and nitric-oxide dependent vasodilation is reduced in non-Hispanic Blacks compared to non-Hispanic Whites. Georgia State Honors College 3-Minute Thesis Pitch, Georgia State University, Atlanta, GA. April 2019.
8. Walker D, **Hollowed C**, Miller J, Otis J, Hayat M, Quyyumi A, and Wong B. Sensory nerve-mediated and nitric-oxide dependent vasodilation is reduced in non-Hispanic Blacks

compared to non-Hispanic Whites. National Conference on Undergraduate Research (NCUR), Kennesaw State University, Kennesaw, GA. April 2019.

9. Walker D, **Hollowed C**, Miller J, Otis J, Hayat M, Quyyumi A, and Wong B. Sensory nerve-mediated and nitric-oxide dependent vasodilation is reduced in non-Hispanic Blacks compared to non-Hispanic Whites. Georgia State Undergraduate Research Conference, Georgia State University, Atlanta, GA. April 2019.
10. **Hollowed CG**, Hodges GJ, and Wong BJ. Cutaneous reactive hyperemia is attenuated in non-Hispanic Blacks compared to non-Hispanic Whites. Southeast ACSM Regional Chapter Meeting, Greenville, SC. Doctoral Poster Competition, February 2019.

HONORS & AWARDS

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|-----------|---|
| 2024 | Awardee, Training Advocacy Committee Poster Competition, American Heart Association, Hypertension 2024 |
| 2023 | Third Place, Trainee Abstract Competition, Molecular Cardiology Research Institute Annual Retreat, Tufts Medical Center |
| 2022 | Outstanding Graduate Teaching Assistant, Department of Kinesiology & Health, Georgia State University |
| 2021 | Diversity Conference Scholarship, American Physiological Society, APS New Trends in Sex and Gender Medicine |
| 2021 | Abstract-Based Trainee Award for Postdoctoral and Graduate Students, American Physiological Society, APS Seventeenth International Conference on Endothelin |
| 2021 | Outstanding Doctoral Student, Department of Kinesiology & Health, Georgia State University |
| 2019 | Caroline tum Suden/Frances Hellenbrandt Professional Opportunity Award, American Physiological Society, Experimental Biology |
| 2017 | Outstanding Exercise Science Graduate Student Award, Department of Kinesiology & Health, Georgia State University |
| 2016 | Outstanding Exercise Science Graduate Student Award, Department of Kinesiology & Health, Georgia State University |
| 2014 | Summa Cum Laude, Georgia College & State University |
| 2010 – 14 | Zell Miller Scholarship, Georgia College & State University |

SERVICE TO ACADEMIC JOURNALS

2024 – pres. Editorial Board Member, *American Journal of Physiology – Heart and Circulatory Physiology*

Ad Hoc Reviewer for:

American Journal of Physiology — Heart and Circulatory Physiology

American Journal of Physiology — Regulatory, Integrative, and Comparative Physiology

Journal of Applied Physiology
Physiological Reports
PLOS One

SERVICE EXPERIENCE

2022	Judge, Georgia State University Undergraduate Research Conference
2021 – 22	Treasurer, Kinesiology & Health Doctoral Student Club, Georgia State University
2020	Graduate Student Representative, Search Committee for Clinical Assistant Professor, Department of Kinesiology & Health, Georgia State University
2019 – 20	Student Representative, PhD Student Professional Development Committee, Georgia State University
2018 – 22	Student Representative, Exercise Science Bachelor's Admission Committee, Georgia State University
2018 – 21	Secretary, Kinesiology & Health Doctoral Student Club, Georgia State University
2018	Graduate Student Volunteer, GSU International Olympic Performance Training and Sport Administration Program: Chinese Olympic Delegations for Winter Sports, <i>Matters of the Heart: Exercise Stress Testing</i> , Georgia State University
2014	Interning Student, Cardiovascular and Pulmonary Rehab Center, Oconee Regional Medical Center
2013 – 14	Interning Student, Physical & Occupational Therapy, Oconee Regional Medical Center
2013 – 14	Committee Leader, Exercise Science Club, Georgia College & State University
2013	Student Personal Trainer, Georgia College & State University
2013	Interning Student, Physical & Occupational Therapy, Twin Lakes Therapy Clinic
2013	Volunteer, Art Healthy Festival, Georgia College & State University

INSTRUCTIONAL EXPERIENCE

Georgia State University

KH 4360	Clinical Exercise Physiology, Instructor of Record Spring 2020, Spring 2022
KH 2230K	Physiology and Lab in Kinesiology and Health, Instructor of Record Spring 2021, online
KH 7500	Physiology of Exercise (graduate level), Guest Lecturer 2019, Topic: excess post-exercise oxygen consumption
KH 4360	Clinical Exercise Physiology, Regular Guest Lecturer 2015 – 20, Topics: exercise and chronic obstructive lung disease, asthma, chronic kidney disease, cancer, Down syndrome, stroke, Parkinson's disease

KH 4360 Clinical Exercise Physiology Lab, Laboratory Instructor
2015 – 20, 10 semesters total, 1 semester online

MENTORING

*, co-mentored with Dr. Jennifer DuPont. **, co-mentored with Dr. Brett Wong.

Maddie Kapur*

2025, undergraduate research volunteer, University of Virginia

Jade Breton*

2024, undergraduate research volunteer, Northeastern University

Julianne Wu*

2023, RSI MIT summer scholar program, high school student from Newport Beach, CA

Samantha McHugh-McGlothin, BS**

2022, undergraduate, Department of Kinesiology & Health, Georgia State University

Demetria Walker, BS**

2019, undergraduate, Department of Kinesiology & Health, Georgia State University

Taylor Copeland, BS**

2016, undergraduate, Department of Kinesiology & Health, Georgia State University

PROFESSIONAL MEMBERSHIPS

2023 – present	American Heart Association
2017 – present	American Physiological Society
2015 – present	American College of Sports Medicine

CERTIFICATIONS & TRAINING

2022	Rodents 102: Drug Administration, Tufts University
2022	Rodents 101: Handling, Restraint, Identification, & Euthanasia, Tufts University
2020	Mastering Online Teaching, Center for Excellence in Teaching and Learning, Georgia State University
2018	Certified Phlebotomist, Emory University/Emory Healthcare
2018 – 2022	ACLS Provider, American Heart Association
2015 – present	Certified Exercise Physiologist, American College of Sports Medicine
2014	Certified Silver Sneakers Instructor, Healthways
2010 – present	CPR/AED/BLS Provider, American Heart Association

ADDITIONAL EXPERIENCE

2014 – 16	Group Fitness Instructor , Racquethouse South Fitness Center, Griffin, GA
2014 – 16	Personal Trainer , Racquethouse South Fitness Center, Griffin, GA
2014	Intern , Cardiovascular and Pulmonary Rehabilitation Center (400 hr.), Oconee Regional Medical Center, Milledgeville, GA