

JACOB KIGO KARIUKI, PhD, AGNP
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EDUCATION

2011 - 2016	PhD Nursing	University of Massachusetts	Population Health/Policy
2013 - 2015	Post-Masters Cert	University of Massachusetts	Adult-Gerontology NP
2011 - 2013	MS	University of Massachusetts	Nursing
2002 - 2008	BS	University of Eastern Africa, Baraton Kenya	Nursing (Cum Laude)

LICENSES AND CERTIFICATIONS

2023 - Present	Georgia State Board of Nursing (NP)	Georgia RN321711
2023 - Present	Georgia State Board of Nursing (RN)	Georgia RN321711
2016 - Present	American Academy of NPs (Adult-Gerontology)	
2012 - Present	Basic Life Support Certification-American Heart Assoc.	
2022 - 2024	North Carolina State Board of Nursing (RN)	North Carolina 352076
2016 - 2023	Pennsylvania State Board of Nursing (NP)	Pennsylvania SP016967
2016 - 2023	Pennsylvania State Board of Nursing (RN)	Pennsylvania RN689489
2016 - 2018	Massachusetts State Board of Nursing (NP)	Massachusetts RN2277965
2012 - 2019	Massachusetts State Board of Nursing (RN)	Massachusetts RN2277965

HONORS AND AWARDS

2025	Judge at Emory Morningside Global Health Case Competition	Emory University
2024	Member, Prevention Research Center's Community Engaged Research Committee (CERC)	Morehouse School of Medicine
2024	Expert, National Center for Engagement in Diabetes Equity Research (CEDER)	Morehouse School of Medicine
2024	Fellow, American Heart Association (FAHA)	American Heart Association
2024	Executive Review Committee Member	Georgia Center for Diabetes Translation Research (GCDTR)
2024	Invited Participant	National Academy of Medicine Emerging Leaders Forum
2024	Ad hoc Grant Reviewer	Lifestyle Change and Behavioral Health (LCBH) Study Section
2017	Bloomberg Emerging Nurse Scholar	University of Toronto

2017	Early Career Travel Grant	Epidemiology and Prevention Council of the American Heart Association
2016	Martha Hill New Investigator Award Finalist	Council on Cardiovascular and Stroke Nursing of the American Heart Association
2016	Cardiovascular Disease Prevention Graduation Award	Preventative Cardiovascular Nurses Association
2016	Nursing Fellowship Award	Lynch Foundation
2016	Book Award for Academic Excellence in Nursing	UMass Boston PhD Program
2014	Ruth and William Silen, M.D. Award for the best Presentation in public health and epidemiology	New England Science Symposium
2013	Brenda S. Cherry Dissertation Research Award	Sigma Theta Tau, Theta Alpha Chapter
2013	Induction to Theta Alpha Chapter Honor Society	Sigma Theta Tau International
2012	Ruth and William Silen, M.D. Award for the third Best poster presentation all categories	New England Science Symposium

PROFESSIONAL POSITIONS

11/22-	Associate Professor and Assistant Director For Research at LCC	Emory University Nell Hodgson Woodruff School of Nursing
12/21-	Per Diem Nurse Practitioner	Signify Health, PA
04/21-10/22	Coordinator, Adult-Gero Primary Care Nurse Practitioner Program	University of Pittsburgh School of Nursing
12/17-08/19	Per Diem Nurse Practitioner	FOCUS Pittsburgh Free Health Clinic, PA
08/16-10/22	Assistant Professor	University of Pittsburgh School of Nursing
01/15-08/16	Part-time Staff Nurse (RN)	BearHill Nursing & Rehabilitation Center, MA
08/13-12/14	Part-time Staff Nurse (RN)	PSA Healthcare, MA
01/13-12/14	American Heart Association (AHA) Predoctoral Fellow	University of Massachusetts Boston College of Nursing and Health Sciences
08/11-05/16	Research/Teaching Assistant	University of Massachusetts Boston College of Nursing and Health Sciences
12/09-07/11	Lecturer and Nurse Tutor	TumuTumu School of Nursing, Kenya
10/08-11/09	Nursing Officer I (RN)	Coast General Provincial Hospital, Kenya

SCHOLARSHIP: GRANTS AND OTHER FUNDING

Research Grants Funded by the National Institutes of Health (NIH)

Efficacy of a novel web-based physical activity intervention designed to promote adherence to physical activity guidelines in adults with obesity (Kariuki)

PI, 20% Effort

Grant Number: 7R56HL164737-02

Funding Agency: NIH/NHLBI

Total Costs: \$761,582

Funding Period: 08/01/22– 08/31/25

Physical Activity and Dementia: Mechanisms of Action (Erickson)

Funding Agency: NIH/NHLBI

Co-I, 10% Effort, Years 4-5

Grant Number: 1R35AG072307-01

Total Costs: \$4,308,554

Funding Period: 05/01/21–04/30/26

Pilot testing the functionality and usability of a web-based Physical Activity for the Heart intervention (Kariuki)

Funding Agency: NHLBI Programs to Increase Diversity among Individuals Engaged in Health- Related Research (PRIDE-CVD) Small Research Grants Program

PI, 5% Effort

Grant Number:

Total Costs: \$11,125

Funding Period: 11/01/19 – 09/30/20

Promoting Lifestyle Change via Tailored mHealth To Improve Health, Diversity Supplement (Kariuki)

Funding Agency: NIH/NHLBI (Supplement to Grant #R01 HL131583 (PI L.E. Burke)

PI, 50% Effort

Grant Number: Supplement to Grant #R01 HL131583

Total Costs: \$271,737

Funding Period: 01/01/19 – 04/30/21

Research Grants Funded by other agencies

Tailoring a Physical Activity Intervention for Cardiovascular Health Among People Living with HIV (Kariuki)

PI, 5% Effort

Funding Agency: Emory Center for AIDS Research

Grant Number: CFAR-03

Total Costs: \$62,600

Funding Period: 08/01/24– 12/31/25

A Pilot Randomized Clinical Trial of Walking, Dance, and Abdominal Core Workouts to Improve Adipocytokines among Insufficiently Active Adults with Obesity (Kariuki)

PI, 10% Effort

Grant Number: 0000071019

Funding Agency: American Diabetes Association and GCDTR

Total Costs: \$65,000

Funding Period: 09/01/23 – 12/31/24

Measuring Household Energy Use and the Construct of Cardiovascular Health in the Kenya Brain and Heart Health Study (Kariuki)

PI, 20% Effort

Grant Number: N/A

Funding Agency: Emory Global Health Institute EGHI Rapid Response Grant

Total Costs: \$10,000

Funding Period: 06/01/23 – 12/31/24

Revisiting the Teaching Nursing Home (Dunbar-Jacob)

Co-I, 5% Effort

Grant Number: N/A

Funding Agency: John A. Hartford Foundation and Jewish Healthcare Foundation

Total Costs: \$100,000

Funding Period: 07/01/20 – 10/31/22

The feasibility and acceptability of a web-based physical activity for the heart (PATH) intervention designed to reduce the risk of heart disease among inactive African Americans (Kariuki)

PI, 10% Effort

Grant Number: N/A

Funding Agency: University of Pittsburgh Clinical and Translational Science Institute CTSI's Research Initiative for Special Populations (CRISP) Pilot Program

Total Costs: \$25,000

Funding Period: 01/01/20 – 12/31/21

Sociodemographic predictors and cardiovascular correlates of age-related cognitive impairment in mid-life and elderly community dwelling Kenyans (Kariuki)

PI, 15% Effort

Grant Number: N/A

Funding Agency: University of Pittsburgh Healthy Lifestyle Institute and Center for International Studies

Total Costs: \$23,500

Funding Period: 11/01/19 – 12/31/22

Development of a Culturally Relevant Web-based Intervention to Promote Physical Activity among African Americans at High Risk for Cardiovascular Disease (Kariuki)

PI, 33% Effort

Grant Number: N/A

Funding Agency: University of Pittsburgh Central Research Development Fund (Grant #CDRF 9014018)

Total Costs: \$15,997

Funding Period: 07/01/17 – 06/30/18

External validation and cost effectiveness analysis of the non lab-based Framingham cardiovascular disease risk assessment algorithm in the ARIC dataset (Kariuki)

PI (Predoc), 50% Effort

Grant Number: 14PRE19050019
Funding Agency: American Heart Association
Total Costs: \$46,000
Funding Period: 01/01/14 – 12/31/15

Implementation of Global Risk Assessment as part of a Comprehensive Cardiovascular Risk Reduction and Treatment Program in Kenya (Kariuki)

PI, Student project

Grant Number:

Funding Agency: University of Massachusetts Boston Office Global Affairs

Total Costs: \$1,500

Funding Period 02/01/14 – 02/28/15

Primary Care Clinicians' Awareness, Implementation, and Attitudes Regarding Global Risk Assessment (Kariuki)
PI, Student project

Grant Number:

Funding Agency: Sigma Theta Tau-Theta Alpha Chapter 191 of Sigma Theta Tau

Total Costs: \$5,000

Funding Period: 05/01/13 – 05/31/14

SCHOLARSHIP: PUBLICATIONS (Note: *Data-based, student authors underlined)

Peer-Reviewed Publications – Published

1. **Kariuki, J.**, Burke, L., Erickson, K., Sereika, S., Paul, S., Cheng, J., Biza, H., Abdirahman, A., Wilbraham, K., Milton, H., Brown, C., Sells, M., Osei Baah, F., Wells, J., Chandler, R., & Barone Gibbs, B. (2025). Acceptability and Preliminary Efficacy of a Novel Web-Based Physical Activity for the Heart (PATH) Intervention Designed to Promote Physical Activity in Adults With Obesity: Protocol for a Pilot Randomized Controlled Trial. *JMIR Research Protocols*, 14, e67972. <https://doi.org/10.2196/67972>
2. Chase, P. J., Owen, C. M., Bantham, A., Stoutenberg, M., Ajibewa, T., Barclay, J., Huang, M., **Kariuki, J.**, McNamara, G., Stoner, L., & Whitsel, L. P. (2025). A narrative review of the cost-effectiveness of supervised exercise therapy for adults with chronic conditions in the United States. *Translational Journal of the American College of Sports Medicine*. (in press).
3. **Kariuki, J. K.**, Higgins, M., Gitonga, M., Jordan, P., Githui, S., Wachira, M., Gathogo, L., Molina Hidalgo, C., Wambugu, V., Kimani, S., Osei Baah, F., Abera, H., Thompson, L., & Erickson, K. (2025). Sex differences in absolute cardiovascular risk profiles among rural midlife and elderly Kenyans: Influence of obesity, physical activity, smoking, and blood pressure control. *Metabolic Syndrome and Related Disorders*. (in press).
4. Park, L. G., **Kariuki, J. K.**, Hendriks, J. M., Gallagher, R., & Burke, L. E. (2025). A Review and Promise of Digital Health Technologies to Promote Global Cardiovascular Health: A Call to Action for Nursing. *Journal of Cardiovascular Nursing*, 10.1097/JCN.0000000000001205. <https://doi.org/10.1097/JCN.0000000000001205>
5. Burke, L. E., Bizhanova, Z., Conroy, M. B., Cheng, J., Beatrice, B., **Kariuki, J. K.**, Parmanto, B., & Sereika, S. M. (2025). Adherence to self-monitoring and behavioral goals is associated with improved weight loss in an mHealth randomized-controlled trial. *Obesity (Silver Spring, Md.)*, 33(3), 478–489. <https://doi.org/10.1002/oby.24234>

6. *Mazzolani, B. C., Esteves, G. P., Cheng, J., Frediani, J. K., Beatrice, B., & **Kariuki, J. K.** (2024). Diet Quality Changes in a 12-Week Web-Based Physical Activity Intervention without Explicit Dietary Guidance. *Behavioral Medicine*, 0(0), 1–9. <https://doi.org/10.1080/08964289.2024.2417077>
7. ***Kariuki, J. K.**, Burke, L. E., Zickmund, S., Beatrice, B., Kimball, E. R., Galyean, P., Cheng, J., Sereika, S. M., Bizhanova, Z., Cedillo, M., Wells, J., & Conroy, M. B. (2024). The Utility and Limitations of Remotely Delivered Feedback Messages Regarding Physical Activity in a 12-Month Weight Loss Intervention: Insights From the SMARTER Trial Focus Groups. *The Journal of Cardiovascular Nursing*. <https://doi.org/10.1097/JCN.0000000000001134>
8. *Suvada, K., Kocher, E., Diwan, N., Nagy, A., Nderitu, M., Kibaara, C., Ngomoa, R., Cagle, T. J., **Kariuki, J.**, Wall, K. M., Brunissen, L., Ramireddy, S., Johnson, L. C. M., Chung, M. H., & Ali, M. K. (2024). Incidence of high blood pressure among Kenyan adults living with HIV: A longitudinal cohort analysis from 2004-2023. *AIDS (London, England)*. <https://doi.org/10.1097/QAD.0000000000004050>
9. *Carrillo-Larco, R. M., Bulstra, C. A., Manne-Goehler, J., Siedner, M. J., Johnson, L. C. M., Marconi, V. C., Chung, M. H., Venter, W. D. F., Kocher, E., Lalla-Edward, S., Chandiwana, N. C., Kariuki, J. K., & Ali, M. K. (2024). Trends in body mass index for people with and without HIV: Pooled analysis of nationally-representative health surveys from 10 countries and 173,800 adults in Africa. *PLOS Global Public Health*, 4(9), e0003640. <https://doi.org/10.1371/journal.pgph.0003640>
10. *Zhang, Y., Engberg, S. J., Courtney, K. L., **Kariuki, J. K.**, & Matthews, J. T. (2024). Effect of a Bladder Control Self-Management Program Delivered Through a Health Kiosk. *Journal of Wound, Ostomy, and Continence Nursing: Official Publication of The Wound, Ostomy and Continence Nurses Society*, 51(3), 213–220. <https://doi.org/10.1097/WON.0000000000001073>
11. *Pulantara, I. W., Wang, Y., Burke, L. E., Sereika, S. M., Bizhanova, Z., **Kariuki, J. K.**, Cheng, J., Beatrice, B., Loar, I., Cedillo, M., Conroy, M. B., & Parmanto, B. (2024). Data Collection and Management of mHealth, Wearables, and Internet of Things in Digital Behavioral Health Interventions With the Awesome Data Acquisition Method (ADAM): Development of a Novel Informatics Architecture. *JMIR mHealth and uHealth*, 12(1), e50043. <https://doi.org/10.2196/50043>
12. Kariuki JK, Imes CC, Engberg SJ, Klem ML, Scott, P, Yamnia, CI, Pearson, V. (2024) Best Practice Information Sheet: Impact of lifestyle interventions on absolute cardiovascular disease risk score. *JBIEB Database*. 2024; 26(2):1-4. <https://doi.org/10.11124/JBIES-22-00356>
13. **Kariuki JK**, Imes CC, Engberg SJ, Scott PW, Klem ML, Cortes YI. (2024) Impact of lifestyle-based interventions on absolute cardiovascular disease risk: A systematic review and meta-analysis. *JBIE Evidence Synthesis*, 22(1), 4-65. <https://doi.org/10.11124/JBIES-22-00356>
14. ***Kariuki JK**, Sereika S, Erickson K, et al. (2023) Feasibility and preliminary efficacy of a novel web-based physical activity intervention in adults with overweight/obesity: A pilot randomized controlled trial. *Contemporary Clinical Trials*. 133, <https://doi.org/10.1016/j.cct.2023.107318>
15. ***Kariuki, J.K.**, S.M., Bizhanova, Z., Conroy, M.B., Burke, L.E., Cheng, J., Beatrice, B., Sereika, S.M. (2023) The Association between Neighborhood Walkability and Physical Activity in a Behavioral Weight Loss Trial Testing the Addition of Remotely Delivered Feedback Messages to Self-Monitoring. *Behavioral Medicine*, 50(3), 232–241. <https://doi.org/10.1080/08964289.2023.2238102>
16. Jerome, G. J., Boyer, W. R., Bustamante, E. E., **Kariuki, J.**, Lopez-Jimenez, F., Paluch, A. E., Swift, D. L., Webber-Ritchey, K. J., Barone Gibbs, B., & Chair, V. (2023). Increasing Equity of Physical Activity Promotion

for Optimal Cardiovascular Health in Adults: A Scientific Statement From the American Heart Association. *Circulation*, 147, 0–00. <https://doi.org/10.1161/CIR.0000000000001148>

17. *Cheng, J., Costacou, T., Rockette-Wagner, B., Sereika, S. M., Conroy, M. B., Kriska, A. M., **Kariuki, J. K.**, Klem, M. I., Parmanto, B., & Burke, L. E. (2023). Perceived and calculated diet quality improvements in a randomized mHealth weight loss trial. *Behavioral Medicine* (Washington, D.C.), 1–6. <https://doi.org/10.1080/08964289.2023.2178374>
18. *Bizhanova, Z., Sereika, S. M., Brooks, M. M., Rockette-Wagner, B., **Kariuki, J. K.**, & Burke, L. E. (2023). Identifying Predictors of Adherence to the Physical Activity Goal: A Secondary Analysis of the SMARTER Weight Loss Trial. *Medicine & Science in Sports & Exercise*. <https://doi.org/10.1249/MSS.0000000000003114>
19. ***Kariuki JK**, Rockette-Wagner, B., Cheng, J., Erickson, K. I., Gibbs, B. B., Sereika, S. M., Kline, C. E., Mendez, D. D., Wayan, P. I., Bizhanova, Z., Saad, M. A. B., & Burke, L. E. (2022). Neighborhood Walkability Is Associated with Physical Activity and Prediabetes in a Behavioral Weight Loss Study: A Secondary Analysis. *International Journal of Behavioral Medicine*. <https://doi.org/10.1007/s12529-022-10112-7>
20. *Burke, L. E., Sereika, S. M., Bizhanova, Z., Parmanto, B., Cheng, J., **Kariuki, J. K.**, Beatrice, B., Cedillo, M., Loar, I., Pulantara, I. W., Wang, Y., Conroy, M. B., (2022) The Effect of Tailored, Daily Smartphone Feedback to Lifestyle Self-Monitoring on Weight Loss at 12 Months: The SMARTER Randomized Clinical Trial. *J Med Internet Res* 2022;24(7):e38243 <https://doi.org/10.1002/OBY.23321>
21. *Burke, L. E., Sereika, S. M., Parmanto, B., Bizhanova, Z., **Kariuki, J. K.**, Cheng, J., Beatrice, B., Loar, I., Pulantara, I. W., Wang, Y., Cedillo, M., & Conroy, M. B. (2022). Effect of tailored, daily feedback with lifestyle self-monitoring on weight loss: The SMARTER randomized clinical trial. *Obesity* (Silver Spring, Md.), 30(1), 75–84. <https://doi.org/10.1002/OBY.23321>
22. *Rockette-Wagner, B., Cheng, J., Bizhanova, Z., Kriska, A. M., Sereika, S. M., Kline, C. E., **Kariuki, J. K.**, Mendez, D. D., & Burke, L. E. (2022). Change in Objectively Measured Activity Levels Resulting from the EMPOWER Study Lifestyle Intervention *Translational Journal of the ACSM* 7(1):p 1-7, Winter 2022. <https://doi.org/10.1249/tjx.0000000000000184>
23. Imes, C. C., Bizhanova, Z., Sereika, S. M., Korytkowski, M. T., Atwood, C. W., Burke, L. E., **Kariuki, J.**, Morris, J. L., Stansbury, R., Strollo, P. J., & Chasens, E. R. (2022). Metabolic outcomes in adults with type 2 diabetes and sleep disorders. *Sleep and Breathing*, 26(1), 339–346. <https://doi.org/10.1007/s11325-021-02408-x>
24. ***Kariuki, J. K.**, Yang, K., Scott, P., Luyster, F. S., Godzik, C. M., Chasens, E. R., Imes, C. C., (2021). Obstructive Sleep Apnea Risk Is Associated With Severity of Metabolic Syndrome: A Secondary Analysis of the 2015-2018 National Health and Nutrition Examination Survey. *The Journal of cardiovascular nursing*, 37(5), 482–489. <https://doi.org/10.1097/JCN.0000000000000868>
25. *Burke, L. E., Kline, C. E., Mendez, D. D., Shiffman, S., Chasens, E. R., Zheng, Y., Imes, C. C., Cajita, M. I., Ewing, L., Goode, R., Mattos, M., Kariuki, J. K., Kriska, A., & Rathbun, S. L. (2021). Nightly Variation in Sleep Influences Self-efficacy for Adhering to a Healthy Lifestyle: A Prospective Study. *International Journal of Behavioral Medicine*. <https://doi.org/10.1007/s12529-021-10022-0>
26. **Kariuki, J. K.**, Gibbs, B. B., Erickson, K. I., Kriska, A., Sereika, S., Ogutu, D., Milton, H., Wagner, L. V., Rao, N., Peralta, R., Bobb, J., Bermudez, A., Hirshfield, S., Goetze, T., & Burke, L. E. (2021). The feasibility and acceptability of a web-based physical activity for the heart (PATH) intervention designed to reduce the risk of heart disease among inactive African Americans: Protocol for a pilot randomized controlled trial. *Contemporary Clinical Trials*, 104. <https://doi.org/10.1016/j.cct.2021.106380>

27. Cajita, M. I., Zheng, Y., **Kariuki, J. K.**, Vuckovic, K. M., & Burke, L. E. (2021). mHealth Technology and CVD Risk Reduction. *Current Atherosclerosis Reports*, 23(7). <https://doi.org/10.1007/s11883-021-00927-2>
28. Chasens, E. R., Imes, C. C., **Kariuki, J. K.**, Luyster, F. S., Morris, J. L., DiNardo, M. M., Godzik, C. M., Jeon, B., & Yang, K. (2021). Sleep and Metabolic Syndrome. *Nursing Clinics of North America* 56(2). W.B. Saunders. <https://doi.org/10.1016/j.cnur.2020.10.012>
29. ***Kariuki JK**, Gibbs BB, Rockette-Wagner B, Cheng J, Burke LE, Erickson KI, Kline, CE, Mendez, DD, Sereika, SM. (2021) Vicarious Experience in Multi-Ethnic Study of Atherosclerosis (MESA) Is Associated with Greater Odds of Attaining the Recommended Leisure-Time Physical Activity Levels. *International journal of behavioral medicine*, 28(5), 575–582. <https://doi.org/10.1007/s12529-020-09947-9>
30. ***Kline CE**, Chasens ER, Bizhanova Z, Sereika SM, Buysse DJ, Imes CC, **Kariuki, JK**, Mendez, DD, Chasens, E, & Burke, LE. (2021) The association between sleep health and weight change during a 12-month behavioral weight loss intervention. *International Journal of Obesity*, 45(3), 639-649. <https://doi.org/10.1038/s41366-020-00728-8>
31. ***Kariuki JK**, Gibbs BB, Davis KK, Mecca LP, Hayman LL, Burke LE. (2021) Recommendations for a Culturally Salient Web-Based Physical Activity Program for African Americans. *Translational journal of the American College of Sports Medicine*, 4(2), 8-15 . PMID: [PMC6377171](https://pubmed.ncbi.nlm.nih.gov/377171/)
32. Burke, L. E., Sereika, S. M., Parmanto, B., Beatrice, B., Cajita, M., Loar, I., Pulantara, I. W., Wang, Y., **Kariuki, J.**, Yu, Y., Cedillo, M., Cheng, J., & Conroy, M. B. (2020). The SMARTER Trial: Design of a trial testing tailored mHealth feedback to impact self- monitoring of diet, physical activity, and weight. *Contemporary Clinical Trials*, 91. <https://doi.org/10.1016/j.cct.2020.105958>
33. **Kariuki JK**, Yamnia CI, Imes CC, Weiss PM, Engberg SJ. (2019) The impact of lifestyle modification on absolute cardiovascular disease risk. a systematic review protocol. *JBISRIR* 17(10):p 2106-2114. <http://doi.org/10.11124/JBISRIR-2017-003847>
34. ***Kariuki JK**, Gona P, Leveille SG, Stuart-Shor EM, Hayman LL, Cromwell J. (2018) Cost- effectiveness of the non-laboratory based Framingham algorithm in primary prevention of cardiovascular disease: A simulated analysis of a cohort of African American adults. *Preventive Medicine*, 111, 415-422. <https://doi.org/10.1016/j.ypmed.2017.12.001>
35. ***Kariuki JK**, Stuart-Shor EM, Leveille SG, Gona P, Cromwell J, Hayman LL. (2017) Validation of the nonlaboratory-based Framingham cardiovascular disease risk assessment algorithm in the Atherosclerosis Risk in Communities dataset. *Journal of Cardiovascular Medicine* 18(12):p 936-945. <https://doi.org/10.2459/JCM.0000000000000583>
36. Deyrup MM, **Kariuki J**, Mullins T, Joseph H, Minihan B. (2016) Digital Trends and the Global Library Community. *The International Information & Library Review*, 48(1), 31–36. <https://doi.org/10.1080/10572317.2016.1146039>
37. **Kariuki JK**, Stuart-Shor EM, Leveille SG, Hayman LL.(2015) Methodological challenges in estimating trends and burden of cardiovascular disease in sub-Saharan Africa. *Cardiology research and practice*, 2015, 921021. <https://doi.org/10.1155/2015/921021>
38. ***Muchira J**, Stuart-Shor E, **Kariuki J**, Mukuna A, Gakage L, Ndigirigi I, Mutuma V, Karani A. (2015) Distribution and characteristics of risk factors for cardiovascular-metabolic disease in a rural Kenyan

community. International Journal of Africa Nursing Sciences, 3, 76-81

<https://doi.org/10.1016/j.ijans.2015.09.002>

39. **Kariuki, J. K.**, Stuart-Shor, E. M., Leveille, S. G., & Hayman, L. L. (2013). Evaluation of the performance of existing non-laboratory based cardiovascular risk assessment algorithms. BMC Cardiovascular Disorders, 13, 123-2261-13-123. <https://doi.org/10.1186/1471-2261-13-123>
40. **Kariuki JK**, Stuart-Shor EM, Hayman LL. (2013) The concept of risk as applied to cardiovascular disease. The Journal of Cardiovascular Nursing 28(3):p 201-203. <https://doi.org/10.1097/JCN.0b013e31828c3158>

Peer-Reviewed Publications – Under Review

41. Bizhanova, Z., Burke, L. E., Brooks, M. M., Rockette-Wagner, B., Kariuki, J. K., & Sereika, S. M. (2025). Trajectories of adherence to moderate- and vigorous-intensity physical activity goals in a mHealth weight loss trial. *American Journal of Preventive Medicine*. (Under review).

Non-peer reviewed Publications

42. *Bu Saad M, Kriska, A., Arena, Vincent, A., Miller, R., Mair, C., Mctigue, K., **Kariuki, J.**, Rockette-Wagner, B. (2023) The Role of the Built Environment in Physical Activity Changes and Cardiometabolic Outcomes Among Lifestyle Modification Intervention Participants. <https://d-scholarship.pitt.edu/44963/>
43. *Shi X, Schlenk EA, Seaman JB, Sereika SM, **Kariuki JK**, Greco CM. (2022) Pain Management Strategies in Patients with Knee Osteoarthritis and Hypertension: Use, and Differences in Pain and Arthritis Pain Self-Efficacy. Doctoral Dissertation, University of Pittsburgh. <https://d-scholarship.pitt.edu/43577/>
44. Morgan, B., Foley, K., Hodgson, N., Kolanowski, A., Strauch, K., Zions, N., Dickson, C., Degenholtz, H., Boltz, M., Fick, D., **Kariuki, J.**, Cai, Y., Pajerski, D., Brailsford, J., Sheikh, S., Beneciuk, J., Patel, M., Johnson, B., Li, R. M., Å Spindle, N. (2022). Revisiting the teaching nursing home: Impact on nursing students' perceptions of working in long-term care. *Innovation in Aging*, Volume 6, Issue Supplement_1, 858. <https://doi.org/10.1093/GERONI/IGAC059.3071>

Published Books and Book Chapters

1. Stuart-Shor, E, **Kariuki, J**, Larson, J, Muchira, J, Nsibandze, B, and Sonah, A. Global Health. In DeMarco, R, Healey-Walsh, J. *Community and Public Health Nursing: Evidence for Practice*. Ninth edition. Lippincott Williams & Wilkins; 2023, pages 81-106
2. **Kariuki, J**, Ntim, M, Gitonga, M. Developing culturally salient assessment tools and interventions for underserved and high-risk populations in the United States and Africa. In J. B. Hamilton and C. E. Moore (Eds.), *Transforming Social Determinants to Promote Global Health: Achieving Health Equity through Lived Experience*. Cham: Springer International Publishing. Forthcoming 2024.

Media coverage

1. Doheny, K., & Rodriguez, J. (2021, December). Walkable Neighborhoods May Reduce Risk of Developing Prediabetes. Encocrineweb for Healthcare Professionals. <https://www.endocrineweb.com/professional/prediabetes/walkable-neighborhoods-may-reduce-risk-developing-prediabetes>.

Dissertation

Kariuki, J. (2016) External validation and cost effectiveness analysis of the non lab-based Framingham cardiovascular disease risk assessment algorithm in the Atherosclerosis Risk in Communities Dataset. (Doctoral Dissertation)

Innovative Projects to Promote Equity

1. **Kariuki, J.** (2015) *The Physical Activity for the Heart (PATH) Program*. A web-based physical activity program designed to help individuals with obesity increase their physical activity. <https://pathworkouts.com/>
2. **Kariuki, J.** (2013). *Open Access for Africa*. Cognizant of the challenges faced by students and health workers in developing countries, this site aspires to break the barriers that hamper access to credible scholarly information. It offers a succinct orientation on how to optimize online searching and provides links to Open Access Journals, Lectures & Clinical skills, eBooks and Databases. Additionally, the incorporated OAA Search Engine optimizes your search by yielding results from credible websites with Open Access provisions. <https://umb.libguides.com/OAA>

SCHOLARSHIP: PRESENTATIONS

Invited Presentations

1. **Kariuki, JK.** (March 2024). Global Cardiovascular Health. Networking Roundtable Lead invitation, American Heart Association 2024 EPI/Lifestyle Scientific Sessions, Chicago, IL.
2. **Kariuki, JK.** (Nov 2023): Metabolically Healthy Obese? The 2023 Annual Meeting of the Georgia Chapter of the American College of Cardiology at the Ritz-Carlton on Lake Oconee, GA.
3. **Kariuki, JK.** (October 2014): Addressing the role of nursing in the prevention of cardiovascular disease and stroke. Preventive Cardiovascular Nurses Association Global Nursing Leadership Forum (GNLF), New York.
4. **Kariuki, JK.** (May 2014): Methodological challenges in estimating trends and burden of cardiovascular disease in sub-Saharan Africa. International Academy of Life Sciences/Biomedical Sciences Exchange Program (IALS/BMEP) conference, Boston, MA.

Peer Reviewed Abstracts and Presentations at International/National Conferences

1. **Kariuki, JK,** Burke, LE, Zickmund, S, Beatrice, B, Kimball, ER, Young, J, Galyean, P, Cheng, J, Cedillo, M, Conroy, M., "Screen Exhausted" The Impact Of Covid-19 Pandemic On Physical Activity In A Tailored Mhealth Intervention. *Medicine & Science in Sports & Exercise*, 2023. **Poster presentation by Dr. Kariuki at the 2023 American College of Sports Medicine Annual Scientific Conference, Denver, CO.**
2. Beatrice B, Burke L, **Kariuki J.**, Sereika S. Lessons Learned: Successes and Challenges with Technology-based Data Collection and Intervention in a Behavioral Weight Loss Study. *Journal of the Academy of Nutrition and Dietetics*. 2023;123(9):A16. doi:10.1016/j.jand.2023.06.042
3. Burke LE, Conroy MB, Bizhanova Z, Beatrice B, **Kariuki JK**, Sereika SM. Abstract P399: The Effect of Self-Monitoring of Diet, Weight and Steps and Adherence to Diet, Fat and Physical Activity Goals on Weight Loss at 12 Months: Smarter RCT. *Circulation*. 2023;147(Suppl_1). https://doi.org/10.1161/circ.147.suppl_1.P399
4. **Kariuki JK,** Burke LE, Barone Gibbs B, et al. Abstract 13572: Feasibility and Preliminary Efficacy of a Novel YouTube Based Physical Activity Intervention in Adults With Overweight/Obesity. A pilot randomized controlled trial. *Contemporary clinical trials*, 133, 107318. <https://doi.org/10.1016/j.cct.2023.107318> . **Rapid Fire Podium presentation by Dr. Gibbs on behalf of Dr. Kariuki at the American Heart Association Annual Scientific Conference.**

5. Burke LE, Conroy MB, Bizhanova Z, **Kariuki J**, Cheng, J, Beatrice, B, Sereika S. Abstract 12260: The SMARTER Trial: Is Engagement With Mhealth Better With Daily Feedback to Self-Monitoring Compared to No Feedback? *Circulation*. 2022;146(Suppl_1):A12260-A12260.
doi:https://doi.org/10.1161/circ.146.suppl_1.12260
6. Bizhanova Z, Sereika SM, Brooks MM, Rockettewagner B, **Kariuki JK**, Burke LE. Abstract 15465: Associations Between Adherence to the Physical Activity Goal and Body Fat Changes in a MHealth Weight Loss Trial. *Circulation*. 2022;146(Suppl_1). https://doi.org/10.1161/circ.146.suppl_1.15465
7. **Kariuki, J. K.**, Bizhanova, Z., Sereika, S. M., Conroy, M. B., Parmanto, B., Beatrice, B., Loar, I., Cheng, J., Pulantara, I. W., Wang, Y., Cedillo, M., Signh, A., & Burke, L. E. (2021). Abstract 12776: Neighborhood Walkability is Not Associated With Attaining Recommended Physical Activity in a Behavioral Weight Loss Trial Testing Remotely Delivered Feedback Messages | *Circulation*. *Circulation*.
https://doi.org/10.1161/circ.144.suppl_1.12776 (Abstract) *Poster presentation by Dr. Kariuki at the 2021 EPI/Lifestyle Scientific Sessions, Chicago, IL.*
8. Bizhanova, Z., Sereika, S. M., **Kariuki, J. K.**, Conroy, M. B., Books, M., Rockette- Wagner, B., Cheng, J., Beatrice, B., Loar, I., Wang, Y., Pulantara, I. W., Parmanto, B., Cedillo, M., & Burke, L. E. (2021). Abstract 13075: Initial Physical Activity Level is a Strong Predictor of Adherence to the Physical Activity Goal: A Secondary Analysis of the SMARTER Weight Loss Trial | *Circulation*. *Circulation*.
https://doi.org/10.1161/circ.144.suppl_1.13075 (Abstract)
9. **Kariuki, J. K.**, Bizhanova, Z., Rockette-Wagner, B., Gibbs, B. B., Sereika, S. M., Kline, C., Erickson, K., Mendez, D., Pulantara, I. W., Cheng, J., & Burke, L. E. (2021). 231- OR: Neighborhood Walkability Is Associated with Prediabetes in a Behavioral Weight Loss Study. *Diabetes*, 70(Supplement 1), 231-OR.
<https://doi.org/10.2337/db21-231-or> (Abstract). *Virtual Podium presentation by Dr. Kariuki at the 2021 American Diabetes Association Annual Scientific Conference.*
10. Burke, L. E., Sereika, S. M., Bizhanova, Z., Parrmanto, B., **Kariuki, J.**, Beatrice, B., Loar, I., Cheng, J., Pulantara, I. W., Wang, Y., Cedillo, M., & Conroy, M. (2021). Abstract MP15: Promoting Lifestyle Change Via Real-time Feedback: Short-term Weight Loss Outcomes In The Smarter Trial. *Circulation*, 143(Suppl_1).
https://doi.org/10.1161/CIRC.143.SUPPL_1.MP15 (Abstract)
11. Mes, C. C., **Kariuki, J.**, Chasens, E., Scott, P., & Yang, K. (2021). Abstract P160: Associations Between Metabolic Syndrome Severity And Race/ethnicity, Socioeconomic, And Lifestyle Factors. *Circulation*, 143(Suppl_1). https://doi.org/10.1161/circ.143.suppl_1.p160 (Abstract)
12. **Kariuki, J. K.**, Rockette-Wagner, B., Cheng, J., Burke, L. E., Erickson, K., Mendez, D., Sereika, S. M., & Barone Gibbs, B. (2020). Abstract MP18: Vicarious Experience Trumps Neighborhood Characteristics in Predicting Leisure-time Physical Activity in the Multi- ethnic Study of Atherosclerosis Dataset. *Circulation*, 141(Suppl_1). https://doi.org/10.1161/circ.141.suppl_1.mp18 (Abstract). *Moderated poster presentation by Dr. Kariuki at the EPI/Lifestyle 2020 Scientific Sessions, , Phoenix, AZ.*
13. Kline, C. E., Bizhanova, Z. H., Sereika, S. M., Buysse, D., Imes, C. C., **Kariuki, J.**, Mendez, D., Chasens, E., & Burke, L. E. (2020). Abstract MP21: Better Sleep Health is Associated With Greater Weight Loss During a 12-month Behavioral Weight Loss Intervention. *Circulation*, 141(Suppl_1).
https://doi.org/10.1161/circ.141.suppl_1.mp21 (Abstract)
14. **Kariuki, JK.** (April 2020): The Active You: Technology Pilot Study. *Virtual podium presentation by Dr. Kariuki at the the NHLBI Programs to Increase Diversity among Individuals Engaged in Health-Related Research (PRIDE-CVD) webinar.*

15. **Kariuki JK**, Bermundez A, Kilkelly T, et al. Abstract P124: Comparative Evaluation of African Dance versus a Cultural Educational Program in Mitigating Cardiovascular Risk Among REACT! Study Participants. *Circulation*. 2019;139(Suppl_1). doi:10.1161/circ.139.suppl_1.P124 (Abstract). **Poster presentation by Dr. Kariuki at the 2019 EPI/Lifestyle Scientific Sessions, Houston, TX.**
16. **Kariuki, JK.** (Sept 2018): Web-Based Exercise Programs: The African Americans' Needs. **Podium presentation by Dr. Kariuki at the 2018 State of the Science Congress on Precision Health organized by the Council for the Advancement of Nursing Science, Washington DC.**
17. **Kariuki JK**, Stuart-Shor EM, Leveille SG, Gona P, J. Cromwell G. Validation of the Non- Laboratory Based Framingham Algorithm in the Atherosclerosis Risk in Communities Dataset. *Circulation*. 2016;134: A14620 (Abstract). **Podium presentation by Dr. Kariuki at the 2016 American Heart Association Scientific Sessions, New Orleans, LA.**
18. **Kariuki, J. K.**, Stuart-Shor, E., Muchira, J., Laventure, L., Mitzman, K., Godfrey, M., Curan, B., Kimani, S., Kiarie, P. Comparative Evaluation of Three Non-Laboratory Based Risk Assessment Tools in Characterizing Absolute Risk for Cardiovascular Disease in a Kenyan Sample. April 6, 2014. (Abstract). **Poster presentation by Dr. Kariuki at the 2014 New England Science Symposium. Harvard Medical School, Boston, MA.**
19. **Kariuki, J. K.**, Stuart-Shor, E. M., Volkova, A., Golden, D., Halliday, J., Kimani, S., Muchira, J. & Zhang, L. Abstract 14114: Implementing Global Risk Assessment in Resource-Constrained Primary Care Settings: Kenya. *Circulation*. 2013;128(suppl_22):A14114-A14114. doi:10.1161/circ.128.suppl_22.A14114. **Poster presentation by Dr. Kariuki at the 2013 American Heart Association Scientific Sessions, Dallas, Tx. (Abstract)**
20. **Kariuki, J.**, Kamau M, MacPherson A, McCarey J, DeMita J, Brown K, Sayer S, Ndigirigi I, Kiarie P, Stuart-Shor E, Karani A. *Hypertension Awareness, Treatment and Control in Kenya.* (Abstract). **Poster presentation by Dr. Kariuki at the 2012 New England Science Symposium. Harvard Medical School, Boston, MA.**
21. Stuart-Shor E, **Kariuki, J.**, Kamau M, MacPherson A, McCarey J, DeMita J, Brown K, Sayer S, Ndigirigi I, Kiarie P, Karani A. *Distribution of CV Risk Factors in a convenience sample of community dwelling Kenyans.* World Congress of Cardiology scientific sessions, oral presentation. UAE, Dubai. April 18-21st 2012. (Abstract)
22. Stuart-Shor E, **Kariuki, J.**, Chateaneuf J, Kimani S, Karani A. *Global Risk Assessment in Resource Constrained Countries: Kenya Heart and Sole.* Preventive Cardiovascular Nurses Association 18th Annual Symposium. April 12-14th 2012. (Abstract)

Peer Reviewed Abstracts and Presentations at Regional Conferences

1. Chasens, ER., Kalmakis, **Kariuki, J.**, Yang, K. (2018): **Challenges and Considerations in the Use of Research Databases Symposium at the 2018 Eastern Nursing Research Society 30th Annual Scientific Sessions in Newark, New Jersey.**
2. **Kariuki, J. K.**, Stuart-Shor, E. M., Demita, J., Golden, D., Halliday, J., Kimani, S., Muchira, J. & Zhang, L. (2013) Global Risk Assessment of Cardiovascular Disease in Resource Constrained Settings: Kenya. Abstract. **Poster presentation by Dr. Kariuki at the 2013 Annual Eastern Nurses Research Society Sessions, Boston, MA.**

3. Walsh, J. H., **Kariuki, J. K.**, Stuart-Shor, E. M. (2013) The Meaning of Cross-Cultural Service learning for Nursing Students: Kenya Heart and Sole (KHAS). 25th Annual Eastern Nurses Research Society Scientific Sessions, Boston, MA(Abtract)
4. DeMita J, Sayer S, Suyematsu M, **Kariuki, J.**, Kamau M, Stuart-Shor E (2012). *Assessing Chest Pain: Results from Five Communities in Kenya. Kenya Heart and Sole Afya Njema Project.* Eastern Nursing Research Society 24th annual scientific sessions poster session. New Haven. March 28-30th (Abstract)

Local Presentations

1. **Kariuki, JK.** (Oct 2023): The Obesity-Inactivity Vicious Cycle and the Promise of Weight Neutral Approaches to Break the Cycle. *Emory Global Diabetes Research Center*
2. **Kariuki, JK.** (Oct 2021): What makes the exercise pill so hard to swallow? The role of psychosocial barriers related to obesity. *Biological and Health Psychology Pro Seminar Series at University of Pittsburgh Psychology Department*
3. **Kariuki, JK.** (Feb 2020): Leveraging Open-Source Technologies to Promote Physical Activity. *Pitt Mobile Sensing + Health (MoSHI) seminar*
4. **Kariuki, JK.** (Dec 2019): Sociodemographic predictors and cardiovascular correlates of age-related cognitive impairment in mid-life and elderly community dwelling Kenyans. *Pitt 2nd Annual Healthy Lifestyle Institute Summit*
5. **Kariuki, JK.** (Feb 2019): My Path to Developing the PATH Intervention. *University of Pittsburgh School of Nursing T32 Meeting*
6. **Kariuki, JK.** (May 2016): Making Cardiovascular Disease Risk Assessment Quick and Easy: The Validity and Cost-effectiveness of the Non-Lab Based Framingham Algorithm. *PhD Scholarly Dialogues, Office of Research, College of Nursing and Health Sciences, University of Massachusetts Boston.*
7. **Kariuki, JK.** (April 2014): Lighting the way for the future: Making universities best for the world. *TEDx UMass Boston.*
8. **Kariuki, JK.** (November 2013): Global risk assessment of cardiovascular disease in Kenya's resource constrained primary care settings. *PhD Scholarly Dialogues, Office of Research, College of Nursing and Health Sciences, University of Massachusetts Boston.*
9. **Kariuki, JK.** (April 2012): Promoting nursing education and practice in developing countries: Open Access for Africa initiative. PhD Scholarly Dialogues, Office of Research, College of Nursing and Health Sciences, University of Massachusetts Boston (Presented with George Hart, former associate librarian Healey library)

TEACHING ACTIVITIES

Courses Taught

Emory University

Spring 2024	NRSG-332-1: Scholarly Inquiry	Co-Instructor
Fall 2023	NRSG 331 Honors Seminar	Co-Instructor
Fall 2023	NRSG 705 Endogenous and Exogenous Determinants of Human Health	Guest Lecturer

Spring 2023	GH534 Diabetes A Model for Global Non-Communicable Disease Prevention and Control	Guest Lecturer
Spring 2023	NRSG 733 Health Risk Interventions and Outcomes	Guest Lecturer

University of Pittsburgh

Fall 2022	NUR 1054 Nursing Care of Older Adults	Co-Instructor
Summer 2022	NUR 2526 Management Geriatric Health	Instructor
Summer 2022	NUR 2031 Diagnostic Physical Exam	Instructor
Summer 2022	NURNP NURP 3038 DNP NP Role Practicum	Instructor
Summer 2022	NUR 1138 Community Health Clinical	Instructor
Spring 2022	NUR 3037 DNP Project Clinical	Instructor
Spring 2022	NUR 1138 Community Health Clinical	Co-Instructor
Spring 2022	NURNP NURP 3038 DNP NP Role Practicum	Instructor
Spring 2022	NURNP 2529 Gerontology Clinical Practicum	Instructor
Spring 2022	NURNP 2528 Seminars in Geriatric Care	Instructor
Fall 2021	NURNP NURP 3038 DNP NP Role Practicum	Instructor
Fall 2021	NURNP 2529 Gerontology Clinical Practicum	Instructor
Fall 2021	NUR 2527 Advanced Management	Instructor
Summer 2021	NURNP 2529 Gerontology Clinical Practicum	Instructor
Summer 2021	NURNP 2526 Management Geriatric Health Theory	Instructor
Spring 2021	NUR 1054 Nursing Care of Older Adults	Instructor
Spring 2021	NUR 2010 Health Promotion and Disease	Guest Lecturer
Spring 2021	NUR 3292 Responsibilities and Activities of Scientists II	Guest Lecturer
Fall 2020	NUR 1054 Nursing Care of Older Adults	Instructor
Summer 2020	NUR 1054 Nursing Care of Older Adults	Instructor
Spring 2020	NUR 1054 Nursing Care of Older Adults	Instructor
Fall 2019	NUR 1054 Nursing Care of Older Adults	Instructor
Fall 2019	NUR 2010 Health Promotion and Disease Prevention In Culturally Diverse Population	Lecturer
Summer 2019	NUR 1054 Nursing Care of Older Adults	Instructor
Spring 2019	NUR 1054 Nursing Care of Older Adults	Instructor
Fall 2018	NUR 1054 Nursing Care of Older Adults	Instructor
Summer 2018	NUR 1054 Nursing Care of Older Adults	Instructor
Spring 2018	NUR 1054 Nursing Care of Older Adults	Instructor
Spring 2018	NUR 2010 Health Promotion and Disease Prevention In Culturally Diverse Population	Guest Lecturer
Spring 2018	NUR 3289 Intervention Development	Guest Lecturer
Fall 2017	NUR 1054 Nursing Care of Older Adults	Instructor
Summer 2017	NUR 1054 Nursing Care of Older Adults	Instructor
Spring 2017	NUR 2010 Health Promotion and Disease Prevention In Culturally Diverse Population	Guest Lecturer
Spring 2017	NUR 1829 Contemporary Issues in Cross-Cultural Health Care: Intervention Strategies for Health and Cultural Competence	Guest Lecturer

Doctor of Philosophy Nursing Dissertation Committees at the University of Pittsburgh

2017-2022	Xiojun Shi, BSN, RN Pain Management Strategies for Knee Osteoarthritis:	Committee Member
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Use, Intention to Use, and Differences in Pain and
Arthritis Pain Self-Efficacy

2016-2022	Zhadyra Bizhanova, MBChB, MPH Identifying Predictors of Adherence to the Physical Activity Goal in a mHealth Weight Loss Trial	Committee Member
2016-2022	Mohammed Bu Saad, MD, MPH The role of the built environment on weight changes And cardiometabolic outcomes among lifestyle Modification intervention's participants	Committee Member

Doctor of Nursing Practice Capstones at the University of Pittsburgh

2020-2022	Julia Luczkow, BSN, RN Introduction of an Evidence-Based Toolkit to Increase Physical Activity in Sedentary Community- Dwelling Older Adults	Co-Chair
2018-2021	Annemarie Carr, BSN, RN Standardizing a Process to Identify IPPE/AWV- Eligible Patients and Facilitate Uptake of Preventive Services in the Primary Care Practice	Co-Chair

Master of Science in Nursing Thesis Committees at the University of Pittsburgh

2020-2022	Neel Rao Physical Activity and Complementary and Alternative Medicine in the Treatment of Chronic Back Pain in US Adults	Committee Member
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Other Advisement at the University of Pittsburgh

2019-2020	Li Gao, PhD (International Visiting Scholars) Capital Medical University	Mentor
2018-2021	Long Tran (BSN Honors Thesis) Sleep, Pain, Global Health, and Functional Outcomes in Adults Age 65 or Older	Committee Member

PROFESSIONAL AND UNIVERSITY SERVICE ACTIVITIES

Membership in Professional Organizations

2024-26	American Heart Association Nominating Committee of the Council on Lifestyle & Cardiometabolic Health	Voted Committee Member
2024-26	American Heart Association CVSN Mentoring Committee Council on Cardiovascular and Stroke Nursing (CVSN)	Voted Committee Member
2023- 2021-25	American Nurses Association	Member
2021-25	American Heart Association Physical Activity Committee of the Council on Lifestyle & Cardiometabolic Health	Voted Committee Member
2021-25	American Heart Association Early Career Committee of the Council on Lifestyle & Cardiometabolic Health	Voted Committee Member

2021-25	American Heart Association Awards Committee of the Council on Cardiovascular and Stroke Nursing	Voted Member at Large
2017-21	Martha Hill Awards Subcommittee of the AHA CVSN	Voted Member
2013-	American Heart Association Council on Cardiovascular and Stroke Nursing (CVSN)	Member
2013-	American Heart Association Council on Lifestyle and Cardiometabolic Health	Member
2013-	American Heart Association	Member
2013-	Global Nursing Leadership Forum (GNLF)	Nominated Member
2013-17	Eastern Nursing Research Society	Member
2013-15	Sigma Theta Tau International, Theta Chapter Honor Society	Member
2011-	Preventative Cardiovascular Nurses Association	Member

Manuscript Reviewer

2024	Reviews in cardiovascular medicine	Reviewer
2021-	Behavioral Medicine	Senior Associate Editor
2021-	npj Digital Medicine	Reviewer
2021-	Lancet Public Health	Reviewer
2020-	Journal of Medical Internet Research	Reviewer
2018-	Annals of Medicine	Reviewer
2018-	Geriatric Nursing Journal	Reviewer
2018-	Journal of Cardiovascular Medicine (JCM)	Reviewer
2017-	Heart & Lung: The Journal of Acute & Critical Care	Reviewer

Note: The review assignments vary but on average, I review about one article every other year for each journal except Behavioral Medicine where I am more actively involved as a senior associate editor.

National and International Scientific Review

09/2024	Invited standing panel member	NIH LCBH Study Section
04/2024-	Ad hoc grant reviewer	NIH LCBH Study Section
2023-	American Heart Association Annual Scientific Sessions	Abstract Reviewer
2020	NHLBI Programs to Increase Diversity among Individuals Engaged in Health-Related Research (PRIDE-CVD)	Grant Reviewer Mock Study Section

Intramural Scientific Review

2024-	Georgia Center for Diabetes Translation Research	Grant Reviewer
2023-	Emory Nell Hodgson School of Nursing (ONR).	Grant Reviewer
2020	University of Pittsburgh Momentum Funds Seed Grants	Grant Reviewer
2017	University of Pittsburgh Center for Social and Urban Research Manners Research Development Grant	Grant Reviewer

Service at Emory University

2024-	Emory School of Nursing Dean's Research Advisory Council	Member
2023-	Emory Nell Hodgson School of Nursing Graduate Faculty	Member
2023-	Emory Global Advisory Council	School of Nursing Representative
2023-	Emory Nell Hodgson School of Nursing BSN Honors Program	Co-coordinator
2022-	Lilian Carter Center for Global Health and Social Responsibility	Assistant Director for Global Research

Service at Other Universities

2025-	Morehouse School of Medicine	REACH CERC Member
2024-	University of Rwanda	External Examiner

Prior Service at Other Universities

2021-22	DNP Council and Health and Community System Department (PITT)	Member
2020-2021	Graduate Didactic Course Curriculum Development NUR 3120 Introduction to Diversity, Equity and Inclusion in Healthcare (PITT)	Review Member
2019-2020	BSN Honors Curriculum Development (PITT)	Review Member
2019-22	Honors Committee (PITT)	Member
2019-22	Diversity Committee (PITT)	Co-Chair
2019	BSN Didactic Course Curriculum Development NUR 0053 Introduction to Inclusion, Equity and Diversity in Health Care (PITT)	Review Member
2018-22	Pro Team, University Senate Community Relations Committee (PITT)	Member
2017-22	Diversity Committee (PITT)	Member
2016-21	BSN Council and Health and Community System Department Representative (PITT)	Department Representative
05/2016	UMass Boston Graduation Commencement (UMass)	Graduate Student Speaker