

DEBORA KAMIN MUKAZ, PhD, MS
CURRICULUM VITAE
March 2024

Department of Medicine
Larner College of Medicine at the University of Vermont

CURRENT POSITION

Assistant Professor of Medicine, Department of Medicine-Division of Hematology and Oncology, Larner College of Medicine at the University of Vermont

EDUCATION

2019	Ph.D., Medical Sciences University of Delaware, Newark, DE
2014	M.S., Biological Sciences University of Delaware, Newark, DE
2010	B.A., <i>Cum Laude</i> , Biology and French, Luther College, Decorah, IA

POST-DOCTORAL TRAINING

2019-2024	Department of Medicine, Larner College of Medicine at the University of Vermont. Mentor: Mary Cushman, MD, MSc
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RESEARCH GRANTS/FELLOWSHIPS

Ongoing Research Support

Cardiovascular Research Institute of Vermont	Vascular Endothelial Dysfunction and Risk of COVID-19 in a Biracial US cohort D Kamin Mukaz, PI Total Direct Cost: \$10,000 Funding: 07/01/2021-06/30/2024 (<i>no cost extension</i>)
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Completed Research Support

American Heart Association 22POST897188D	Residential Segregation, Thrombo-Inflammation and Risk of Hypertension D Kamin Mukaz, PI Total Direct Costs: \$140,952 Funding: 01/01/2022-12/31/2023
University of Delaware, Graduate Office	Acculturation and Diabetes in African Migrants to the United States D Kamin Mukaz, PI Total Direct Costs: \$3,500 Funding: 06/01/2017-06/30/2017

University of Delaware, College of Health Sciences Acculturation and Diabetes in African Migrants to the United States
 D Kamin Mukaz, PI
 Total Direct Costs: \$3,500
 Funding: 06/01/2017-06/30/2017

University of Delaware, Graduate Office Acculturation and Diabetes in African Migrants to the United States
 D Kamin Mukaz, PI
 Total Direct Cost: \$3,000
 Funding: 01/15/2017- 02/03/2017

University of Delaware, Graduate Office Acculturation and Diabetes in African Migrants to the United States
 D Kamin Mukaz, PI
 Total Direct Cost: \$5,000
 Funding: 06/01/2015-06/30/2015

Pending

Vermont Center for Cardiovascular and Brain Health Research Project Leader, NIGMS Cardiovascular Health and Inflammation: Intersectional Impact of Structural Racism, Structural Sexism, and Structural Classism
 D Kamin Mukaz, PI
 Expected Total Direct and Indirect Cost: \$1,286,999
 Expected Funding: 06/01/2025-06/01/2030

HONORS AND AWARDS

Year	Name of Award
2024	Finalist, Cardiovascular Research Institute of Vermont Viridis Montis Challenge
2023	Award for Outstanding Leadership and Service in Life Sciences to Black In Cardio, United College Fund (UNCF) and the Ernest E. Just Life Science Society
2023	Best Poster, Student/Trainee Category, Northeast Regional IDeA Conference
2023	Intersections Science Fellow, Intersections Science Fellowship Symposium
2022	Travel Award, Cardiovascular Research Institute of Vermont
2022	Travel Award, Ten-Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease and Stroke
2022	Vanderbilt Juneteenth Best Organization Service Award for 2022 (national and local) to Black In Cardio, Vanderbilt University
2022	Early Career Investigator Award, The Collaborative Cohort of Cohorts for COVID-19 Research, Columbia University
2022	Rising Star in Health Sciences Research, University of Utah

- 2021 Best Lightning Talk, Postdoctoral Scholars Category, Northeast Regional Institutional Development Award (IDeA) Conference / National Association of IDeA Principal Investigators
- 2021 2020 Rising Leader, Congolese Diaspora Impact Summit
- 2021 Travel Award, Hemostasis & Thrombosis Research Society
- 2020 1000 Inspiring Black Scientists, Cell Mentor
- 2020 Health Equity and Actionable Disparities in Stroke: Understanding and Problem-solving (HEADS-UP) Travel Award, American Heart Association
- 2019 Epidemiology Council Minority Travel Grant, American Heart Association
- 2019 Joshua E. Neimark Memorial Travel Assistance Award, American Association for the Advancement of Sciences
- 2018 Women of Promise Award, University of Delaware
- 2010 Pi Delta Phi-French Honor Society, Luther College
- 2010 Friends of International Students Scholarship, Luther College
- 2010 International Student Women Scholarship, Luther College
- 2006-2010 Diversity Enrichment Scholarship, Luther College
- 2006-2010 Olson Presidential Scholarship, Luther College

WORKSHOPS/COURSES

- 2020 Statistical Computing and Data Analysis, University of Vermont
- 2022 Intensive R for Epidemiologists, Columbia University (Virtual)
- 2022 Assessing Neighborhoods in Epidemiology, Columbia University (Virtual)
- 2022 Spatial Statistics in Epidemiology and Public Health, University of Washington (Virtual)
- 2022 Ten-day Seminar on the Epidemiology and Prevention of Cardiovascular Disease and Stroke, Tahoe City, CA (competitive for participation)

BIBLIOGRAPHY

Original Research Articles

1. Plante TB, Juraschek SP, Howard G, Howard VJ, Tracy RP, Olson NC, Judd SE, **Kamin Mukaz D**, Zakai NA, Long DL, Cushman M. Interleukin (IL)-1 β , IL-6, Cytokines, C-reactive protein, and risk of incident hypertension in the REGARDS study [*In Press*]. *Hypertension*.
2. Palermo B, Wilkinson K, Plante TB, Nicoli C, Judd S, **Kamin Mukaz D**, Long L, Olson N, Cushman M. Interleukin-6, diabetes, and metabolic syndrome in a biracial cohort: the REasons for Geographic and Racial Differences in Stroke cohort. *Diabetes Care*. 2024;47(3):491-500. PMID: 38237104. Impact factor 16.2.
3. Heindl B, Howard G, Clarkson S, **Kamin Mukaz D**, Lackland D, Muntner P, Jackson E. Urban-rural differences in hypertension prevalence, blood pressure control, and systolic blood pressure levels [published online ahead of print]. *J Hum Hypertens*. 2023;37(12):1112-1118. PMID: 37407675. Impact factor 2.7.
4. Chen C, Yang K, Nan H, Unverzagt F, McClure LA, Irvin MR, Judd S, Cushman M, **Kamin Mukaz D**, Klaunig JE, D'Alton ME, Kahe K. Associations of telomere length and change with cognitive decline were modified by sex and race: the REGARDS Study. *Am J Alzheimers Dis Other Dement*. 2023;38:15333175231175797. PMID: 37340856.

- Impact factor 3.4.
5. Roth DL, Bentley JP, **Kamin Mukaz D**, Haley WE, Walston JD, Bandeen-Roche K. Transitions to family caregiving and latent variables of systemic inflammation over time. *Res Aging*. 2023;45(2):173-184. PMID: 35422166. Impact factor 2.6.
 6. **Kamin Mukaz D**, Guo B, Long DL, Judd SE, Plante TB, McClure LA, Wolberg AS, Zakai NA, Howard G, Cushman M. D-dimer and the risk of hypertension: the REasons for Geographic And Racial Differences in Stroke (REGARDS). *Res Pract Thromb Haemost*. 2022; 7(1): 100016. Impact factor 6.0
 7. **Kamin Mukaz D**, Melby MK, Papas MA, Setiloane K, Nmezi NA, Commodore-Mensah Y. Diabetes and acculturation in African immigrants to the United States: analysis of the 2010-2017 National Health Interview Survey (NHIS). *Ethn Health*. 2022;27(4):770-780. PMID: 32977725. Impact factor 3.1.
 8. **Kamin Mukaz D**, Dawson E, Howard VJ, Cushman M, Higginbotham JC, Judd SE, Kissela BM, Safford MM, Soliman EZ, Howard G. Rural/urban differences in the prevalence of stroke risk factors: A cross-sectional analysis from the REGARDS study. *J Rural Health*. 2022;38(3):668-673. PMID: 34270125. Impact factor 4.9.
 9. Oelsner EC, Krishnaswamy A, Balte PP, Allen NB, Ali T, Anugu P, Andrews HF, Arora K, Asaro A, Barr RG, Bertoni AG, Bon J, Boyle R, Chang AA, Chen G, Coady S, Cole SA, Coresh J, Cornell E, Correa A, Couper D, Cushman M, Demmer RT, Elkind MSV, Folsom AR, Fretts AM, Gabriel KP, Gallo LC, Gutierrez J, Han MLK, Henderson JM, Howard VJ, Isasi CR, Jacobs DR Jr, Judd SE, **Kamin Mukaz D**, Kanaya AM, Kandula NR, Kaplan RC, Kinney GL, Kucharska-Newton A, Lee JS, Lewis CE, Levine DA, Levitan EB, Levy BD, Make BJ, Malloy K, Manly JJ, Mendoza-Puccini C, Meyer KA, Min YN, Moll MR, Moore WC, Mauger D, Ortega VE, Palta P, Parker MM, Phipatanakul W, Post WS, Postow L, Psaty BM, Regan EA, Ring K, Roger VL, Rotter JJ, Rundek T, Sacco RL, Schembri M, Schwartz DA, Seshadri S, Shikany JM, Sims M, Hinckley Stukovsky KD, Talavera GA, Tracy RP, Umans JG, Vasani RS, Watson KE, Wenzel SE, Winters K, Woodruff PG, Xanthakis V, Zhang Y, Zhang Y; for the C4R Investigators. Collaborative Cohort of Cohorts for COVID-19 Research (C4R) study: study design. *Am J Epidemiol*. 2022;191(7):1153-1173. PMID: 35279711. Impact factor 5.0.
 10. Armstrong ND, Irvin MR, Haley WE, Blinka MD, **Kamin Mukaz D**, Patki A, Rutherford Siegel S, Shalev I, Durda P, Mathias RA, Walston JD, Roth DL. Telomere shortening and the transition to family caregiving in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) study. *PLoS One*. 2022;17(6):e0268689. PMID: 35657918.
 11. Levitan EB, Howard VJ, Cushman M, Judd SE, Tison SE, Yuan Y, **Kamin Mukaz D**, Wang HE., Pamir N, Plante TB, Juraschek SP, Safford MM, Goyal P. Health care experiences during the COVID-19 pandemic by race and social determinants of health among adults age ≥ 58 years in the REGARDS study. *BMC Public Health*. 2021;21(1):2255. PMID: 34895192. Impact factor 4.5.
 12. **Kamin Mukaz D**, Gergi M, Koh I, Zakai NA, Judd SE, Sholzberg M, Baumann Kreuziger L, Freeman K, Colovos C, Olson NC, & Cushman M. Thrombo-inflammatory biomarkers and D-dimer in a biracial cohort study. *Res Pract Thromb Haemost*. 2021;5(8):e12632. PMID: 34934895. Impact factor 6.0.
 13. Setiloane K, **Kamin Mukaz D**. Household food insecurity among African immigrants of

the United States: evidence from the National Health Interview Survey. *J Hunger Environ Nutr.* 2020;15(5): 669-682. Impact factor 1.6.

Invited Articles (* = corresponding)

1. ***Kamin Mukaz D**, Cushman M. Percutaneous Coronary Intervention in acute myocardial infarction: community wealth matters (*Editorial*). *J Am Heart Assoc.* 2023;e031415. PMID: 37646210. Impact factor 6.1.
2. *Amartey J, Okagbue C, Saccoh A, Buffonge S, Francois A, Tcheandjieu C, Mitchell S, Tyrrell DJ, **Kamin Mukaz D**. Black In Cardio: promoting diversity and representation in the cardiovascular field. *Nat Rev Cardiol.* 2022;19(11):717-718. PMID: 36127463. Impact factor 49.4.
3. **Kamin Mukaz D**, Heyward FD, Eche IJ. Young researchers series #3 [published correction appears in *Trends Cell Biol.* 2022;32(12):1049]. *Trends Cell Biol.* 2022;32(7):553-556. PMID: 35466029. Impact factor 20.8.
4. Turkson-Ocran RA, Foti K, Hines AL, **Kamin Mukaz D**, Kim H, Martin S, Minhas A, Norby FL, Ogunbe O, Razavi AC, Rooney MR, Sattler ELP, Scott J, Thomas AG, Tilves C, Wallace AS, Wang FM, Zhang M, Lutsey PL, Lancaster KJ. American Heart Association EPI|Lifestyle Scientific Sessions: 2021 meeting highlights. *J Am Heart Assoc.* 2022;11(5):e024765. PMID: 35179039. Impact factor 5.4.
5. **Kamin Mukaz D**, Zakai NA, Cruz-Flores S, McCullough LD, Cushman M. Identifying genetic and biological determinants of race-ethnic disparities in stroke in the United States. *Stroke.* 2020;51(11):3417-3424. PMID: 33104469. Impact factor 10.2.
6. **Kamin Mukaz D**, Melby M. What the global health community can learn from Africa. *Dela J Public Health.* 2018;4(4):20-24. PMID: 34466984

Preprints not yet Fully Published

1. **Kamin Mukaz D**, Tison S, Long L, Carson AP, Hunt KJ, Judd SE, Cushman M. Measuring Hemoglobin A1C with frozen packed cell and frozen whole blood samples in an epidemiologic Study: the Reasons for Geographic and Racial Differences in Stroke (REGARDS) study. *medRxiv.* 2022. doi: <https://doi.org/10.1101/2023.09.27.23296242>

Articles In Review

1. **Kamin Mukaz D**, Tison S, Carson A, Hunt K, Long L, Judd S, Lewis MR, Cushman M. Measuring Hemoglobin A1C with frozen packed cell and frozen whole blood samples in an epidemiologic Study: the Reasons for Geographic and Racial Differences in Stroke (REGARDS) study.
2. Cruden K, Wilkinson K, **Kamin Mukaz D**, Plante TB, Reiner AP, Zakai NA, Carson AP, Long DL, Cushman M, Olson NC. Soluble CD14 and incident diabetes risk: the REasons for Geographic and Racial Differences in Stroke (REGARDS) study.

Abstracts

1. **Kamin Mukaz D**, Sparks A, Judd S, Howard V, Carson A, Plante T, Long L, Cheung K, Cushman M. Residential segregation, and thrombo-inflammatory biomarkers related to hypertension in Black and White Americans. American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2024 Scientific Sessions. 2024, March 18- March 21. Chicago, IL (Oral presentation)

2. Plante TB, Juraschek SP, Blate P, Krishnaswamy A, Mok Y, Allen N, Gabriel K, Xanthakis V, Norwood AG, Min Y, Gonzalez S, Sotres-Alvarez D, Talavera G, Daviglius M, Talegawkar S, Jin Y, Lloyd-Jones D, Elkind MSV, Rundek T, Gutierrez JD, Levitan E, Cushman M, Judd S, Wang H, Zakai N, Howard V, Pamir N, Safford M, **Kamin Mukaz D**, Fretts M, Oelsner EC. R Risk of COVID-19 hospitalization or death by the AHA's Life's Essential 8: the Collaborative Cohort of Cohorts for COVID-19 Research (C4R). American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2024 Scientific Sessions. 2024, March 18- March 21. Chicago, IL (Poster presentation)
3. **Kamin Mukaz D**, Li A, Lutsey PA, Zakai NA, Guan W, Folsom AR, Cushman M. Long-term mortality and causes of death after venous thromboembolism: the Atherosclerosis Risk in Communities Study. Northeast Regional Institutional Development Award (IDeA) Conference. 2023, August 16- 18. Wilmington, DE (Lightning Talk and Poster presentation)
4. **Kamin Mukaz D**, Sparks AD, Plante TB, Judd SE, Howard G, Howard VJ, Carson AP, Dean TD, Dougherty GB, Cushman M. Residential segregation, and hypertension risk in Black and White Americans. Northeast Regional Institutional Development Award (IDeA) Conference. 2023, August 16- 18. Wilmington, DE (Poster presentation)
5. **Kamin Mukaz D**, Li A, Lutsey PA, Zakai NA, Guan W, Folsom AR, Cushman M. Long-term mortality and causes of death after venous thromboembolism: the Atherosclerosis Risk in Communities Study. American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2023 Scientific Sessions. 2023, February 28- March 03. Boston, MA (Poster presentation)
6. **Kamin Mukaz D**, Sparks AD, Plante TB, Judd SE, Howard G, Howard VJ, Carson AP, Dean TD, Dougherty GB, Cushman M. Residential segregation, and hypertension risk in Black and White Americans. American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2023 Scientific Sessions. 2023, February 28- March 03. Boston, MA (Poster presentation)
7. Palermo B, Wilkinson K, Plante T, Nicoli C, Judd S, **Kamin Mukaz D**, Long DL, Olson N, Cushman M. Interleukin-6, diabetes, and metabolic syndrome in a biracial cohort: the REasons for Geographic And Racial Differences in Stroke (REGARDS). American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2023 Scientific Sessions. 2023, February 28- March 03. Boston, MA (Oral presentation by Palermo B).
8. Stoutenburg E, Sherman S, Bravo MC, Howard VJ, **Kamin Mukaz D**, Cushman M, Zakai N, Judd SE, Plante TB. Factor VIII and incident hypertension in Black and White adults: the REasons for Geographic And Racial Differences in Stroke cohort study. American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2023 Scientific Sessions. 2023, February 28- March 03. Boston, MA (Poster presentation by Stoutenburg E).
9. Zhou M, Wilkinson K, Plante TB, **Kamin Mukaz D**, Long DL, Zakai NA, Cushman M, Olson NC. Coagulation Factor IX and incident diabetes risk: the REasons for Geographic and Racial Differences in Stroke (REGARDS) study. American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2023 Scientific Sessions. 2023, February 28- March 03. Boston, MA (Moderated poster presentation by Zhou M).

10. **Kamin Mukaz D.** D-dimer and risk of diabetes: the REasons for Geographic And Racial Differences in Stroke study and the Multi-Ethnic Study of Atherosclerosis. 8th Biennial National IDeA Symposium of Biomedical Research Excellence. 2022, December 12-14 (Virtual Meeting, poster presentation).
11. **Kamin Mukaz D.** Leukocyte count, adiposity, and incident diabetes in a biracial cohort. 8th Biennial National IDeA Symposium of Biomedical Research Excellence. 2022, December 12-14 (Virtual Meeting, poster presentation).
12. Sherman SE, Stoutenburg E, Long L, Juraschek SP, Cushman M, Howard VJ, Tracy RP, Judd SE, **Kamin Mukaz D**, Zakai N, Plante TB. Leptin And risk of incident hypertension in the Reasons for Geographic And Racial Differences in Stroke (REGARDS) cohort study. American Heart Association Hypertension 2022 Scientific Sessions. 2022, September 07-10. San Diego, CA (Poster presentation).
13. Sherman SE, Stoutenburg E, Long L, Juraschek SP, Cushman M, Howard VJ, Tracy RP, Judd SE, **Kamin Mukaz D**, Zakai N, Plante TB. Excess risk of hypertension among Black adults and the mediating effects of leptin: the Reasons for Geographic And Racial Differences in Stroke (REGARDS) cohort study. American Heart Association Hypertension 2022 Scientific Sessions. 2022, September 07-10. San Diego, CA (Poster presentation).
14. Cruden K, Koh I, **Kamin Mukaz D**, Plante TB, Reiner AP, Zakai NA, Carson AP, Long L, Cushman M, Olson NC. Soluble CD14 level and incident diabetes mellitus risk: the Reasons for Geographic And Racial Differences in Stroke (REGARDS) Study. American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2022 Scientific Sessions. 2022, March 01-04. Chicago, IL (Poster presentation).
15. Plante TB, Juraschek SP, Howard G, Howard VJ, Tracy RP, Judd SE, **Kamin Mukaz D**, Zakai NA, Long L, Cushman M. Inflammatory cytokines and incident hypertension in the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study. American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2022 Scientific Sessions. 2022, March 01-04. Chicago, IL (Oral presentation by Plante TB: *Sandra Daugherty Award for Excellence in Hypertension or Epidemiology*).
16. **Kamin Mukaz, D.** D-dimer and the risk of hypertension: the REasons for Geographic And Racial Differences in Stroke (REGARDS). Virtual North East Regional IDeA Conference (v-NERIC). 2021, August 16 – 18 (Virtual Meeting, Lightening Talk oral presentation).
17. **Kamin Mukaz D**, Long DL, Plante TB, Judd SE, McClure LA, Wolberg AS, Carson AP, Guo B, Cushman M. D-dimer and the risk of diabetes: the REasons for Geographic And Racial Differences in Stroke (REGARDS). International Society of Thrombosis and Haemostasis Congress. 2021, July 17-21 (Virtual Meeting, poster presentation).
18. **Kamin Mukaz D**, Koh I, Carson AP, Joseph J, Long L, Plante TB, Cushman M. Leukocyte count, adiposity, and incident diabetes in a biracial cohort. American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2021 Scientific Sessions. 2021, May 20-21 (Virtual Meeting, poster presentation).
19. **Kamin Mukaz D**, Gergi M, Koh I, Zakai NA, Judd SE, Sholzberg M, Baumann Kreuziger L, Freeman K, Colovos C, Olson NC, Cushman M. Biomarkers of COVID-19

- coagulopathy and D-dimer in a biracial cohort study. National Institute of General Medical Sciences Institutional Development Award (IDeA) Program Meeting. 2020, September 22 (Virtual Meeting, oral presentation).
20. **Kamin Mukaz D**, Gergi M, Koh I, Zakai NA, Judd SE, Sholzberg M, Baumann Kreuziger L, Freeman K, Colovos C, Olson NC, Cushman M. Biomarkers of COVID-19 coagulopathy and D-dimer in a biracial cohort study. International Society on Thrombosis and Haemostasis Conference. 2020, July 12-14 (Virtual Meeting, poster presentation).
 21. **Kamin Mukaz D**, Long L, Judd S, Plante T, McClure LA, Wolberg A, Zakai NA, Howard G, Cushman M, Koh I. D-dimer and the risk of hypertension in Black and White Americans: the REasons for Geographic And Racial Differences in Stroke (REGARDS) study. International Stroke Conference, Health Equity and Actionable Disparities in Stroke: Understanding and Problem-solving (HEADS-UP) Preconference. 2020, February 18. San Francisco, CA (Poster presentation).
 22. **Kamin Mukaz D**, Racial differences in the association between diabetes and length of residence among African migrants to the US. American Heart Association Epidemiology, Lifestyle and Cardiometabolic Health Scientific Sessions. 2019, March 05-08. Houston, TX (Poster presentation).
 23. **Kamin Mukaz D**, Diabetes and acculturation among African migrants to the United States. American Association for the Advancement of Science Annual Meeting. 2019, February 14-17. Washington, DC (Oral presentation).
 24. Setiloane, TK, **Kamin Mukaz D**. Household food insecurity among African immigrants of the United States: evidence from the National Health Interview Survey. 2018 Food & Nutrition Conference & Expo (FNCE). 2018, October 20-23; Washington, DC (Poster presentation).
 25. **Kamin Mukaz D** and Melissa M.K. Acculturation and diabetes among Congolese migrants to the United States. American Public Health Association 2017 Annual Meeting. 2017, November 04-08; Atlanta, GA (Poster presentation).
 26. **Kamin Mukaz D**, Papas MA, Melby MK, Commodore-Mensah Y, Setiloane K. Diabetes among African migrants to the United States: analysis of the National Health Survey 2010-2014. US Conference on Immigrant and Refugee Health (USCAIH). 2017, October 05-08; Washington, DC (Oral presentation).
 27. **Kamin Mukaz D** and Papas MA. Prevalence of type 2 diabetes mellitus among African immigrants in the USA. International Diabetes Federation World Congress of Diabetes. 2015, November 30-December 04; Vancouver, Canada (Poster presentation).
 28. **Kamin Mukaz D** and Papas MA. Prevalence of type 2 diabetes mellitus among African immigrants in the USA. Annual Meeting of the American College of Epidemiology. 2015, September 26-29; Atlanta, GA (Poster presentation).
 29. Fowajuh AN, **Mukaz DK**, Li D, Apostolidis P, Khan A, Caplan J, Vortkamp A, Woulfe D. TMEM16F plays a vital role in platelet microparticle generation and thrombosis. 42nd Annual Philadelphia Workshop on Hemostasis, Thrombosis and Atherosclerosis. 2013, November 22; Philadelphia, PA (Oral presentation by Fowajuh AN).

30. **Mukaz DK**, Fowajuh AN, Li D, Caplan J, Vortkamp A, Woulfe D. TMEM16f regulates phosphatidylSerine (PS) exposure and PS⁺ microparticle generation from mouse platelets. American Heart Association's Arteriosclerosis, Thrombosis and Vascular Biology 2013 Scientific Sessions. 2013, May 01-03; Orlando, FL (Oral presentation by Fowajuh AN).
31. Fowajuh AN, **Mukaz DK**, Li D, Vortkamp A, Woulfe D. TMEM16F is Important Phosphatidylserine exposure and aggregation of platelets. 41st Annual Philadelphia Workshop on Hemostasis, Thrombosis and Atherosclerosis. 2012, November 30; Philadelphia, PA (Poster presentation).

INVITED LECTURES, LOCAL (* = KEYNOTE ADDRESS)

- 06/06/2024 **“Cardiovascular Health and Inflammation: Intersectional Impact of Structural Racism, Sexism and Classism”**. Vermont Center for Cardiovascular and Brain Health Annual Symposium. University of Vermont (pending).
- 03/07/2024 * **“Why Intersectionality Matters for Science and Medicine”**. Annual Celebration of Gender Equity in Medicine and Science. University of Vermont.
- 06/16/2023 **“Residential Segregation and Risk of Hypertension in a Biracial Cohort”**. Vermont Center for Cardiovascular and Brain Health Annual Symposium: Pipeline Investigator Flash Talk. University of Vermont.
- 06/04/2021 **“Biomarkers of COVID-19 Coagulopathy and D-dimer in a Biracial Cohort Study”**. Vermont Center for Cardiovascular and Brain Health Annual Symposium: Pipeline Scientists Session. University of Vermont. (Virtual)
- 03/18/2021 **“Vascular Endothelial Dysfunction and the Risk of COVID-19 in a Biracial US Cohort: Cardiovascular Research Institute of Vermont- Early Career Advisory Committee Grant”**. The University of Vermont Tackles COVID-19: Research Progress and Perspectives One Year into the Pandemic. University of Vermont. (Virtual).
- 03/09/2021 **“Black In Cardio: Workforce Equity”**. Obstetrics and Gynecology Research Retreat. Department of Obstetrics, Gynecology and Reproductive Sciences, University of Vermont. (Virtual).
- 02/16/2021 **“Racial Disparities and Cardiovascular Risk”**. Cardiovascular Research Institute of Vermont Community Town Hall: How do you Prevent a Heart Attack or Stroke? Cardiovascular Research Institute of Vermont, University of Vermont. (Virtual)
- 09/25/2018 **“Acculturation and Diabetes among African Migrants to the United States: Guest Lecture”**. Introduction to Anthropology of Health Class. Department of Anthropology, University of Delaware. Newark, DE.

INVITED LECTURES, NATIONAL / INTERNATIONAL

- 03/26/2024 **“Residential Segregation, Risk of Hypertension, and Thrombo-inflammation”**. Department of Chronic Disease Epidemiology Seminar. Yale School of Public Health. New Haven, CT (pending).

- 10/05/2023 **“Cardiovascular Disparities- Focus on Hypertension: Thrombo-Inflammation and Structural Racism”**. Intersections Science Fellows Symposium. (Virtual).
- 07/13/2023 **“Using Social Media to Follow Science and Network”**. American Heart Association Supporting Undergraduate Research Experiences (AHA SURE). (Virtual).
- 03/25/2023 **“Congolese Women Defying the Odds: STEM”**. Malaika School. (Virtual).
- 05/26/2022 **“D-dimer and Diabetes”**. Multi-Ethnic Study of Atherosclerosis (MESA) Steering Committee. Bethesda, MD.
- 03/22/2022 **“D-dimer and Cardiovascular Diseases”**. Rising Stars Scholar. Population Health Sciences Department, University of Utah. (Virtual)
- 12/17/2021 **“Instagram Conversation on COVID-19”**. Duval Fox and COVID-19 Prevention Network. (Virtual)
- 10/14/2021 **“A CDC Roundtable with Congolese Diaspora Community Influencers”**. Ethnic Media Services and the Centers for Disease Control and Prevention. (Virtual)
- 09/29/2021 **“Staying Ahead of Covid. Virtual forum”**. Strides for Seniors and COVID-19 Prevention Network. (Virtual)
- 07/10/2021 **“Endotheliopathy, Coagulopathy and Racial Disparities in COVID-19 in the United States”**. Bourse d’Excellence Bringmann aux Universites Congolaises Webinar. (Virtual)
- 04/03/2021 **“RoadMap to Sciences, Technology, Engineering and Mathematics (STEM) Workshop”**. Kongo Youth Empowerment. (Virtual)
- 02/15/2021 **“Motivational Mondays-Facebook Live conversation to raise awareness on heart disease in Black women”**. National Coalition of 100 Black Women, Inc. - Southern New Jersey Chapter. (Virtual)
- 09/26/2020 **“COVID and the Congo: Discussing Sustainable and Scalable Partnerships and Responses”**. Friends of the Congo Forum. (Virtual)
- 03/09/2019 **“How immigration changes our risk of diabetes and similar diseases”**. Congolese Community in San Antonio, TX. San Antonio, TX.

TEACHING EXPERIENCE (TEACHING ASSISTANT)

Epidemiology

2015-2018 Introduction to Epidemiology (HLPR222/UAPP222)

Statistics

2014 Research Methods & Statistics for Behavior Sciences (BHAN 326)

Biology

2014 Principles of Biology with Laboratory (BISC104)

2013 Introduction to Biology II (BISC208)

2013 Biology for Health Sciences (BISC205)

2012 Introduction to Biology I (BISC207)

SERVICE AND COMMUNITY SERVICE

Research Leadership

2022- Co-leader, The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study Diabetes Working Group

Editorial Board

2024- Editorial Board Member, npj Women's Health (Nature Portfolio)

Manuscript Reviewer

Journal of the American Heart Association
Epidemiologic Reviews
Circulation
PLOS One
Alzheimer's and Dementia
American Journal of Public Health
Stroke Journal Trainee Reviewer Program (graduate)
Journal of Stroke and Cerebrovascular Diseases
Annals of Global Health
Journal of Nutrition and Food Science
BMC Public Health
Research and Practice in Thrombosis and Haemostasis (RPTH)

Abstract Grader

2019 American Public Health Association- International Health
2019 American Public Health Association- Student Assembly Program
2019 American Public Health Association- Epidemiology Program
2018 American Public Health Association- Caucus on Refugee and Immigrant Health Program
2018 American Public Health Association- Student Assembly Program

Grant Reviewer

2022- Cardiovascular Research Institute of Vermont, Early Career Research Grant study section

Conference Judge

2013 Annual Biomedical Research Conference for Minority Students (ABRCMS), Physiology

Conference Session Chair / Moderator

2022 Being A Scientist in the Social Media Age American Heart Association Scientific Sessions
2018 Barriers and enablers promoting or impeding health among immigrant and refugee communities. American Public Health Association Annual Meeting
2018 Investing in organizational and community capacity-building to address the social determinants of health. American Public Health Association Annual Meeting

Conference Planning

- 2022-2023 Organizer, African Stroke Conference
2021 Organizer, Black In Cardio Week
2020 Organizer, Black In Cardio Week

Organizational Leadership

- 2023- Member, United Negro College Fund (UNCF) EE Just Life Sciences Society Steering and Planning Committee: Represented Black In Cardio at a steering committee to plan the 2024 E.E. Just Life Science Research Conference and Awards Gala.
2020- Co-founder, Black In Cardio (President, 2023-): Celebrating Black people in cardiovascular fields and raising awareness about cardiovascular diseases in Black communities.

Community Outreach

- 2022- Speaker, HIV Vaccine Trials Network (HVTN) Speaker's Bureau
2022- Volunteer, Vermont American Heart Association Advocacy
2021-2022 Speaker, NIH COVID-19 Prevention Network (COVPN)

University Service and Leadership

- 2023- Member, Aequitas Health Honor Society Selection Committee, Robert Larner College of Medicine, University of Vermont
2023- Member, Senior Associate Dean for Research's Research Advisory Council, Robert Larner College of Medicine, University of Vermont
2023- Social Media Specialist, Department of Medicine, Robert Larner College of Medicine, University of Vermont
2020- Member, Early Career Advisory Committee, Cardiovascular Research Institute of Vermont (Secretary, 2022-)
 - **May 20, 2024:** organizing a science policy panel discussion to teach scientists at all career stages how to be involved in policymaking.
 - **May 8-10, 2024:** will host Dr. Antentor O Hinton, Jr. (Department of Molecular Physiology and Biophysics, Vanderbilt School of Medicine) as the 2023-2024 Rising Star Visiting Professor
 - **December 5, 2022:** organized a mentorship panel discussion to teach scientists at all career stages how to build and grow successful mentoring relationships.
 - **June 22, 2022:** organized an elevator pitch event to help scientists at all career stages communicate their science concisely and effectively.
 - **April 8, 2021:** organized a virtual humanism event exploring the intersection of fine art, science, and medicine at the University of Vermont Fleming Museum.

2018 Member, University of Delaware Information Technology Strategic Plan-Graduate Students' Focus Group

2012-2016 Member, Black Graduate Student Association
2008-2010 Member, Women's Leadership Group Beta Theta Omega
(Chair Outreach/Publicity Committee, 2009-2010)

Other

2021 Meeting reporter, American Heart Association Epidemiology and Lifestyle (EPI|Lifestyle) 2021 Scientific Sessions

MEDIA

1. Ferrante, A. Empowering Voices: Gender Equity Event Highlights Intersectionality and Honors Awardees. *University of Vermont Larner College of Medicine*. March 11, 2024. https://www.med.uvm.edu/com/news/2024/03/11/empowering_voices_gender_equity_event_highlights_intersectionality_and_honors_awardees
2. Franz, JE. Kamin Mukaz Honored for Work Supporting Black In Cardio. *University of Vermont Larner College of Medicine, Department of Medicine*. December 7, 2023. https://www.med.uvm.edu/medicine/news/2023/12/07/kamin_mukaz_honored_for_work_supporting_black_in_cardio
3. Émission pour l'Afrique. [Podcast]. *Vatican News*. January 24, 2022. <https://www.vaticannews.va/fr/podcast/le-magazine-pour-l-afrique/2022/01/programme-francais-afrique-24-01-2022.html>
4. Weiss, L. Who Gets Left Behind as We "Return to Normal"? *New Republic*. July 1, 2021. <https://newrepublic.com/article/162872/long-covid-disabled-pandemic-return-normal>
5. Carpenter, J and Chapman, J. Dr. Debora Kamin Mukaz and BlackInCardio. [Podcast]. *B-Scientists*. May 19, 2021. <https://thebsci.podbean.com/e/dr-debora-kamin-mukaz-and-blackincardio/>
6. Congolese Diaspora Impact Summit. Les Leaders CDIS 2020. *Intel Congo*. February 12, 2021. <https://intelcongo.com/les-leaders-cdis-2020/>
7. The Community of Scholars. 1,000 inspiring Black scientists in America. *Cell Mentor*. December 28, 2020. <https://crosstalk.cell.com/blog/1000-inspiring-black-scientists-in-america>
8. Qaiser, F. #BlackInCardio Week Highlights Black Cardiovascular Researchers. *Forbes*. Oct 26, 2020. <https://www.forbes.com/sites/farahqaiser/2020/10/26/blackincardio-week-highlights-black-cardiovascular-researchers/?sh=2fcb92dc6972>.
9. UVM scientist plays lead role in #BlackinCardio campaign. *Vermontbiz*. Oct 21, 2020. <https://vermontbiz.com/news/2020/october/19/uvm-scientist-plays-lead-role-blackincardio-campaign>
10. Merschel, M. How to fill the crucial need for more Black cardiologists. *American Heart Association News*. October 20, 2020. <https://www.heart.org/en/news/2020/10/20/how-to-fill-the-crucial-need-for-more-black-cardiologists>
11. UVM researcher plays lead role in #BlackinCardio campaign. [Video broadcast]. WCAX3. Oct 21, 2020.
12. Bookless, M. UVM Scientist Plays Lead Role in #BlackinCardio campaign. *University of Vermont Larner College of Medicine*. October 19, 2020. https://www.med.uvm.edu/graduateandpostdoctoraltraining/news-events/news/2020/10/19/uvm_scientist_plays_lead_role_in_blackincardio_campaign

13. Mansky, B. Young Scientist Spotlight 7: Dr. Debora Kamin Mukaz. [Podcast]. *Carry the Radio*. October 12, 2020. <https://carrytheoneradio.com/episodes/yss-7>
14. Frentzel, K. Good Fellows. *Luther College Magazine*. Spring 2020. https://www2.luther.edu/magazine/?story_id=908922&issue_id=908356
15. Smith M. Student Awards Bring Young Researchers to AAAS' 2019 Annual Meeting. March 29, 2019. <https://www.aaas.org/membership/member-spotlight/student-awards-bring-young-researchers-aaas-2019-annual-meeting>