

Justin Xavier Moore, PhD

CURRENT POSITION

Associate Professor
473 Healthy Kentucky Research Building
760 Press Avenue
Center for Health Equity Transformation
Assistant Director of Population Science, Department of Internal Medicine
Assistant Director of Community Impact, Markey Cancer Center
Lexington, Kentucky 40536-0679
Email: jx.moore@uky.edu
Cell Phone: (404) 906-8446

A. PROFESSIONAL PROFILE

I am an epidemiologist with specialized training in health inequities research, epidemiologic methodology, biostatistics, database design, geographical information systems (GIS), mediation analysis, Bayesian statistical methodology, and cancer prevention and control. I have published over 100 peer-reviewed (with 50+ as first, second, or senior/corresponding author) research articles in the areas of health inequities, cancer, sepsis, and chronic disease epidemiology. I have a strong interdisciplinary background. My research explores the intersection between social identity (race and/or sexual orientation and gender identity), place, and gene interactions on cancer health outcomes.

B. CONTRIBUTIONS TO SCIENCE

- Examined racial and socio-economic disparities in cancer outcomes, particularly breast cancer.
- Explored effects of race(ism) on chronic physiologic stress, allostatic load among nationally representative US populations.
- Investigated the role of personal health (baseline chronic medical conditions, physical health, and nutrition) and cancer risk among diverse US populations.
- Elucidated health disparities and long-term risk factors for sepsis using data from the large community dwelling REasons for Geographic and Racial Differences in Stroke (REGARDS)-Sepsis ancillary cohort study.
- My NCBI NIH Bibliography is located here:
<https://www.ncbi.nlm.nih.gov/myncbi/justin.moore.2/bibliography/public/>
- My ORCID: <https://orcid.org/0000-0002-5496-752X>

C. EDUCATION

2014 – 2017	Ph.D. – University of Alabama at Birmingham, Birmingham, AL Major – Epidemiology Dissertation – The association between cancer and risk of sepsis among whites and blacks in the REGARDS cohort
2012 – 2014	M.P.H. – University of Alabama at Birmingham, Birmingham, AL Major – Epidemiology
2007 – 2011	B.A. – Hampshire College, Amherst, MA Major – Neuropsychology

Thesis – Mental Illnesses: a close look into the human mind, stories told, and recovery

D. PROFESSIONAL AND RESEARCH EXPERIENCE

2023 – Present	Associate Professor (Non-tenured, tenured track) Center for Health Equity Transformation Department of Behavioral Science Assistant Director of Population Science, Department of Internal Medicine Assistant Director of Community Impact, Markey Cancer Center University of Kentucky College of Medicine Lexington, KY
2021 – 2023	Assistant Professor Cancer Prevention, Control & Population Health Program Department of Medicine Institute of Public and Preventive Health Medical College of Georgia, Augusta University Augusta, GA
2019 – 2021	Assistant Professor Division of Epidemiology Department of Population Health Sciences Institute of Public and Preventive Health Medical College of Georgia, Augusta University Augusta, GA
2017 – 2019	Postdoctoral Research Associate Cancer Prevention and Control Training Program Washington University in Saint Louis School of Medicine Saint Louis, MO
2016 – 2017	Graduate Trainee Cancer Prevention and Control Training Program University of Alabama at Birmingham, Birmingham, AL
2014 – 2017	Graduate Research Assistant Department of Emergency Medicine University of Alabama at Birmingham, Birmingham, AL
2013 – 2014	Biostatistics and Epidemiology Apprentice Department of Epidemiology University of Alabama at Birmingham, Birmingham, AL
2013 – 2014	Research Assistant Crash Injury Research & Engineering Network (CIREN) Department of General Surgery University of Alabama at Birmingham, Birmingham, AL

E. PUBLIC HEALTH & COMMUNITY SERVICE EXPERIENCE

2022 – 2023	Board Member, Board of Trustees
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Paceline Ride, LLC
1010 Broad Street
Augusta, Georgia 30901

2019 – 2023

Member

100 Black Men of America, Augusta Chapter, Inc.
211 Pleasant Home Road C2
Augusta, Georgia 30907

2018 – 2019

Public Health Advocate

St. Louis Annual Barbershop Tour (Sponsored by 100 Black Men of St. Louis)
Community Health Promotion, and Health Screening Program
Saint Louis, Missouri

2010

Volunteer

Psychological Ward
Cooley Dickinson Hospital
Northampton, Massachusetts

2010

Tutor

Holyoke Public Schools Connections Program
Marcella R. Kelly Middle School
Holyoke, Massachusetts

2009

Volunteer

Neurosurgical Intensive Care Unit
Grady Memorial Hospital
Atlanta, Georgia

F. AWARDS AND HONORS

April 16, 2023	Community Service and Service to the 100 Black Men of Augusta Award Award Recipient Augusta, Georgia 30912
September, 2022	Journal of the American College of Emergency Medicine (JACEP) Open Top Peer Reviewer Award Recipient
November 15, 2022	<i>AAA Iron & Fabrication and State Farm Community Service Award</i> Award Recipient Augusta, Georgia 30901
April 10, 2022	<i>American Association for Cancer Research, Minority in Cancer Research Faculty Award</i> Award Recipient AACR 115 th Annual Conference New Orleans, Louisiana

G. UNIVERSITY COMMITTEES/SERVICE

2025	4 Minutes for Cancer Research Competition Competition Judge Markey Cancer Center, Cancer Education Program University of Kentucky
2023 – Present	SPARK (Students Participating as Ambassadors for Research in Kentucky), Mentor Center for Health Engagement, & Transformation Department of Behavioral Science University of Kentucky
2023 – Present	Assistant Director of Community Impact Office Markey Cancer Center University of Kentucky
2023 – Present	Assistant Director of Population Science Department of Internal Medicine College of Medicine University of Kentucky
2022	Grant Reviewer, Paceline – Georgia Cancer Center Paceline Ride, LLC 1010 Broad Street Augusta, Georgia 30901
2021 – 2023	Committee Member Admissions for Clinical and Translational Science (CTS) Master's Degree program Department of Population Health Sciences Augusta University Augusta, Georgia

2020	Reviewer Georgia Cancer Center Pilot Project Grant Review Committee
2020 – 2021	Committee Chair Seminar and Journal Club Department of Population Health Sciences, Augusta University
2019 – 2020	Committee Member MS Degree Program in Epidemiology Faculty Committee Department of Population Health Sciences, Augusta University
2019 – 2020	Committee Member Seminar and Journal Club Department of Population Health Sciences, Augusta University
2019 – 2021	Member Augusta University, Adverse Childhood Experiences (ACEs) Committee Augusta, Georgia

H. PROFESSIONAL SERVICE & DEVELOPMENT

2024	Leaders Advancing Unity and Cancer Health Equity (LAUNCH) Leadership Academy Markey Cancer Center Leadership Project “Strengthening the capacity to enhance the recruitment and retention of under-represented minority (URM) faculty in cancer research”
2024	Session Chair, Minority Stress and Cancer Disparities: Pathways, Theories, and Mechanisms of Action 17 th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved American Association for Cancer Research (AACR)
2024, May	Study Section Member National Cancer Institute NCI Special Emphasis Panel (ZCA1 SRB-F (O2)) NCI Clinical and Translational Cancer Research
2024	Association of American Cancer Institutes (AACI) <ul style="list-style-type: none"> • 2024 Leadership Diversity and Development Workshop Attendee
2024 – Present	American Society for Preventive Oncology (ASPO) <ul style="list-style-type: none"> • Early-Career Session Chair
2023 – Present	American Heart Association (AHA), Health Equity Research Network: Improving Access to Care and other Health Inequities in Rural America

	<ul style="list-style-type: none"> • Oversight Advisory Committee Commission
2023 – Present	BMC Cancer (Journal) <ul style="list-style-type: none"> • Editor
2023 – Present	Journal of Clinical Oncology <ul style="list-style-type: none"> • Manuscript Reviewer
2023 – Present	JAMA Network Open <ul style="list-style-type: none"> • Manuscript Reviewer
2023	American Public Health Association (APHA) 2023 Annual Conference <ul style="list-style-type: none"> • Abstract Reviewer
2022	American Association for Cancer Research (AACR), The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved <ul style="list-style-type: none"> • Session Chair, Hot Topics and Recent Discoveries 2: Presentations from the Top-Rated Abstracts. American Association for Cancer Research Conference on The Science of Cancer Health Disparities
2022	American Society for Preventive Oncology (ASPO) <ul style="list-style-type: none"> • Session Chair, Junior Investigator Panel – Establishing a dynamic mentorship team to maximize your career trajectory and professional development
2021	American Society for Preventive Oncology (ASPO) <ul style="list-style-type: none"> • <i>Abstract Reviewer</i>
2021 – Present	International Journal of Environmental Research and Public Health <ul style="list-style-type: none"> • <i>Manuscript Reviewer</i>
2021 – Present	Vaccines <ul style="list-style-type: none"> • <i>Manuscript Reviewer</i>
2020 – Present	American Society of Preventive Oncology (ASPO) <ul style="list-style-type: none"> • Member
2020 – Present	Breast Cancer Research and Treatment <ul style="list-style-type: none"> • <i>Manuscript Reviewer</i>
2020 – Present	Journal of Aging and Social Policy <ul style="list-style-type: none"> • <i>Manuscript Reviewer</i>
2019 – Present	Journal of the American College of Emergency Medicine Open <ul style="list-style-type: none"> • <i>Editorial Board Member</i>
2019 – Present	Cancer Epidemiology <ul style="list-style-type: none"> • <i>Manuscript Reviewer</i>
2018 – Present	Cancer, Causes, & Control <ul style="list-style-type: none"> • <i>Manuscript Reviewer</i>

2018 – Present	Journal of Critical Care <ul style="list-style-type: none"> <i>Manuscript Reviewer</i>
2018 – Present	Plos One <ul style="list-style-type: none"> <i>Manuscript Reviewer</i>
2017 – Present	Critical Care <ul style="list-style-type: none"> <i>Manuscript Reviewer</i>
2017 – Present	Future Oncology <ul style="list-style-type: none"> <i>Manuscript Reviewer</i>
2016 – Present	Preventing Chronic Disease <ul style="list-style-type: none"> <i>Manuscript Reviewer</i>
2015 – Present	PeerJ <ul style="list-style-type: none"> <i>Manuscript Reviewer</i>
2015 – Present	Injury <ul style="list-style-type: none"> <i>Manuscript Reviewer</i>

J. TRAINEES: MENTEES & ADVISEES

Period	Trainee Name	Training Period	Primary Project	Institution
2019 – 2021	Swapnil Khose, PhDc (candidate)	2018 – 2023	COVID-19 Disparities research publications here: PMID: 33398262 PMID: 32500438	Department of Epidemiology, Human Genetics & Environmental Sciences, School of Public Health, The University of Texas Health Science Center at Houston, Houston, TX, USA
2020 – 2021	Rilee Racine, BS (Medical Student)	2019 – 2023	Profound Racial Disparities in COVID-19 Associated Hospitalizations in Rural Southwest Georgia (PMID: 34752737)	Medical College of Georgia, Augusta University
2020 – 2021	Grace Porter, BS (Medical Student)	2019 – 2023	Racial Disparities in the Epidemiology of COVID-19 in Georgia: Trends Since State- Wide Reopening (PMID: 33778312)	Medical College of Georgia, Augusta University

2020 – 2021	Hallie Smith, BA (Medical Student)	2020 – 2024	Is Cardiopulmonary Resuscitation Futile in Coronavirus Disease 2019 Patients Experiencing In-Hospital Cardiac Arrest? (PMID: 33093278)	Medical College of Georgia, Augusta University
2020 – 2021	Antron Spooner, BA (Medical Student)	2019 – 2023	Correlates of COVID-19 Vaccine Hesitancy among a Community Sample of African Americans Living in the Southern United States (PMID: 34452004)	Medical College of Georgia, Augusta University

Period	Trainee Name	Training Period	Primary Project	Institution
2020 – 2021	Katie Lively, BS (Medical Student)	2019-2023	PMID: 34452004 (see above)	Medical College of Georgia, Augusta University
2020 – 2021	Robert Petcu, BS (Medical Student)	2019-2023	PMID: 34452004 (see above)	Medical College of Georgia, Augusta University
2020 – 2023	Akwasi Aduboffour, BS (Medical Student)	2019-2023	The moderating of dietary patterns on physical health and risk of cancer mortality in the REGARDS cohort	Medical College of Georgia, Augusta University
2020 – 2022	Rishab Chawla, BS (Medical Student)	2019-2023	Examining Educational Attainment and Allostatic Load in Non-Hispanic Black Women	Medical College of Georgia, Augusta University
2020 – 2022	Mehul Mehra, BS (Medical Student)	2019-2023	Phased Reopening and Age-Adjusted Novel Coronavirus Incidence and Mortality Rates in North Carolina by Race/Ethnicity, 2020—2021	Medical College of Georgia, Augusta University
2020 – 2024	Cynthia Li, BS (Medical Student)	2019-2023	Phased Reopening and Age-Adjusted Novel Coronavirus Incidence and Mortality Rates in North Carolina by Race/Ethnicity, 2020—2021	Medical College of Georgia, Augusta University

2020 – 2023	Camelia Malkami, BS (Medical Student)	2020-2024	Social Demographic Differences in Breastfeeding Adherence (NHANES) among Women in the US PMID: 34452004 (see above)	Medical College of Georgia, Augusta University
2020 – 2023	Ryan Johnson, MPH (Medical Student)	2019-2023	PMID: 34452004 (see above)	Medical College of Georgia, Augusta University
2020 – 2023	Christian Laurent, BS, BA (Medical Student)	2020-2024	PMID: 34452004 (see above)	Medical College of Georgia, Augusta University
2022 – Present	Elinita Pollard, BS (Master's Student in General Experimental Psychology)	2021 – 2023	Thesis: Relationship between access to care, socioeconomic inequity, and infant mortality rates	Department of Psychological Sciences, Augusta University
2022 – Present	Sadhana Durbha, BS (Medical Student)	2022 – 2026	Associations between child maltreatment and COVID-19: A Georgia statewide analysis	Medical College of Georgia, Augusta University
2023 – Present	Alisha Patel (Medical Student)	2022 – 2026	Examining the mediating role of social and health factors among sexual minorities on cancer death risk	Medical College of Georgia, Augusta University
2023 – Present	Aditya Bhave (Medical Student)	2022 – 2026	The Association of Social Determinants of Health and Allostatic Load with CVD mortality risk	Medical College of Georgia, Augusta University
2023 – Present	Ritu Reddy (Medical Student)	2023 – 2027	The Association of Social Determinants of Health and Allostatic Load with CVD mortality risk	Medical College of Georgia, Augusta University
2023 – 2024	Raymond Smith (Undergraduate Student)	2019 – 2024	Mediation effects of Leukocyte Telomere Length and Allostatic load on Racial disparities observed in Cancer Mortality	Augusta University Undergraduate Program
2023 – Present	Judah V. Doty	2021 – 2023	Everyday Discrimination and Allostatic Load among Black Women	University of Michigan, Masters in Higher Education
2023 – Present	Caitlyn Grunert	2023 – 2027	Intersection of rural/race-ethnicity on early-onset colorectal	College of Public Health, University of Kentucky, PhD Student

2023 – Present	Carleigh Litteral	2023 – 2027	cancer outcomes in Kentucky Everyday Discrimination, Allostatic Load and Alcohol Use	University of Kentucky, PhD in Experimental Psychology
2023 – Present	Breyanna Walker	2023 – 2025	Area Deprivation Index and Risk of Breast Cancer Outcomes; Area Deprivation Index and Severe Maternal Morbidity	Markey Cancer Center STRONG Post-Baccalaureate Fellow
2023 – Present	Gabrielle Beharry	2023 – 2027	Examining the Relationship between Race and Skin Complexion on the Perception of Melanoma Risk	University of Kentucky, College of Medicine, Medical Student
2023 – Present	Chisom Iloegbunam	2023 – 2027	Examining the relationship of perceived discrimination comparing US-born versus non-US born Black people	University of Kentucky, College of Medicine, Medical Student
2023 – Present	April Lu	2023 – 2025	The mediating effects of community-level factors on the association between race-rurality and breast cancer outcomes (mortality, late-stage disease)	Brown University, Master of Public Health Student
2024 – Present	Jessica Amezcua	2023 – 2025	US nativity and length of time living in the US on the relationship between allostatic load and cancer death among Hispanic Populations	Markey Cancer Center STRONG Post-Baccalaureate Fellow
2024 – Present	Valeria Miranda	2023 – 2027	Examining the Relationship between Race and Skin Complexion on the Perception of Melanoma Risk	University of Kentucky, College of Medicine, Medical Student
2024 – Present	Mindy Baker	2023 – 2027	The mediating role of education/income (SDoH) on racial differences in allostatic load	University of Kentucky, College of Medicine, Medical Student
Period	Mentee Name	Training Period	Primary Project	Institution

2019 – Present	Malcolm Bevel, PhD, MPH (Currently Assistant Professor at Augusta University)	2019-2021	Temporal changes in allostatic load patterns by age, race/ethnicity, and gender among the US adult population; 1988-2018 (PMID: 33640399)	Duke University
2021 – Present	Darryl Nettles, DPA, MPA, MTh, BS (Postdoctoral Fellow)	2021 – Present	Data science projects associated with AHA SFRN population science core	Augusta University

K. PUBLICATIONS

a. JOURNAL ARTICLES

* - Denotes corresponding or senior authorship.

** - Denotes mentee.

1. **Moore JX**, McGwin G Jr, Griffin RL. The epidemiology of firework-related injuries in the United States: 2000-2010. *Injury*. 2014 Nov;45(11):1704-9. Doi: 10.1016/j.injury.2014.06.024. Epub 2014 Jul 8. PubMed PMID: 25047335
2. **Moore JX**, Lambert B, Jenkins GP, McGwin G Jr. Epidemiology of High-Heel Shoe Injuries in U.S. Women: 2002 to 2012. *J Foot Ankle Surg*. 2015 Jul-Aug;54(4):615-9. Doi: 10.1053/j.jfas.2015.04.008. Epub 2015 May 12. PubMed PMID: 25977152.
3. **Moore JX**, Donnelly JP, Griffin R, Safford MM, Howard G, Baddley J, Wang HE. Black-white racial disparities in sepsis: a prospective analysis of the Reasons for Geographic And Racial Differences in Stroke (REGARDS) cohort. *Crit Care*. 2015 Jul 10;19:279. Doi: 10.1186/s13054-015-0992-8. PubMed PMID: 26159891; PubMed Central PMCID: PMC4498511.
4. Akinyemiju T, **Moore JX**, Altekruze SF. Breast cancer survival in African-American women by hormone receptor subtypes. *Breast Cancer Res Treat*. 2015 Aug;153(1):211-8. Doi: 10.1007/s10549-015-3528-7. Epub 2015 Aug 7. PubMed PMID: 26250393.
5. Cooke CC, Deupree JP, **Moore JX**, & Hites L. (2015) Improved Glycemic Control: A Health Literacy Initiative for the Military. *Int J Nurs Clin Pract* 2: 141. Doi: <http://dx.doi.org/10.15344/2394-4978/2015/141>
6. Akinyemiju T, Waterbor JW, Pisu M, **Moore JX**, Altekruze SF. Availability of Healthcare Resources and Colorectal Cancer Outcomes Among Non-Hispanic White and Non-Hispanic Black Adults. *J Community Health*. 2016 Apr;41(2):296-304. Doi: 10.1007/s10900-015-0096-z. PubMed PMID: 26446012.
7. Akinyemiju T, Jha M, **Moore JX**, Pisu M. Disparities in the prevalence of comorbidities among US adults by state Medicaid expansion status. *Prev Med*. 2016 Jul;88:196-202. Doi: 10.1016/j.ypmed.2016.04.009. Epub 2016 Apr 16. PubMed PMID: 27095325; PubMed Central PMCID: PMC4902718.
8. **Moore JX**, Donnelly JP, Griffin R, Howard G, Safford MM, Wang HE. Defining Sepsis Mortality Clusters in the United States. *Crit Care Med*. 2016 Jul;44(7):1380-7. Doi: 10.1097/CCM.0000000000001665. PubMed PMID: 27105174; PubMed Central PMCID: PMC4911271.

9. Akinyemiju T, **Moore JX**, Ojesina AI, Waterbor JW, Altekruse SF. Racial disparities in individual breast cancer outcomes by hormone-receptor subtype, area-level socio-economic status and healthcare resources. *Breast Cancer Res Treat.* 2016 Jun;157(3):575-86. Doi: 10.1007/s10549-016-3840-x. Epub 2016 Jun 2. PubMed PMID: 27255533; PubMed Central PMCID: PMC4912843.
10. Akinyemiju T, **Moore JX**. Data on burden of comorbidities in the united states and 12edicaid expansion status. *Data Brief.* 2016 May 20;8:120-2. Doi: 10.1016/j.dib.2016.05.019. eCollection 2016 Sep. PubMed PMID: 27294179; PubMed Central PMCID: PMC4889874.
11. Nolen HA, **Moore JX**, Rodgers JB, Wang HE, Walter LA. Patient Preference for Physician Gender in the Emergency Department. *Yale J Biol Med.* 2016 Jun 27;89(2):131-42. eCollection 2016 Jun. PubMed PMID: 27354840; PubMed Central PMCID: PMC4918861.
12. Akinyemiju T, **Moore JX**, Pisu M, Lakoski SG, Shikany J, Goodman M, Judd SE. A prospective study of dietary patterns and cancer mortality among Blacks and Whites in the REGARDS cohort. *Int J Cancer.* 2016 Nov 15;139(10):2221-31. Doi: 10.1002/ijc.30287. Epub 2016 Aug 9. PubMed PMID: 27459634; PubMed Central PMCID: PMC5041524.
13. **Moore JX**, Zakai NA, Mahalingam M, Griffin RL, Irvin MR, Safford MM, Baddley JW, Wang HE. Hemostasis biomarkers and risk of sepsis: the REGARDS cohort. *J Thromb Haemost.* 2016 Nov;14(11):2169-2176. Doi: 10.1111/jth.13446. Epub 2016 Sep 23. PubMed PMID: 27512924; PubMed Central PMCID: PMC5503746.
14. Deupree JP, Okeani N, **Moore JX**, Nagadyya L, & Gukamo A. (2017) Retail Clinic NP Knowledge, Barriers, and Practice Recommendations: HPV Vaccine. *Journal for Nurse Practitioners*
15. Boi SK, **Moore JX**, Royston KJ, Demark-Wahnefried W. Letter to the Editor: Vagal Blocking (vBloc) Therapy: a New Era of Clinical Therapy for Extreme Obesity : Re: Apovian et al. Two-Year Outcomes of Vagal Nerve Blocking (vBloc) for the Treatment of Obesity in the ReCharge Trial. *Obesity Surgery.* 2016. *Obes Surg.* 2017 Feb;27(2):483-484. Doi: 10.1007/s11695-016-2484-6. PubMed PMID: 27933506; PubMed Central PMCID: PMC5239744.
16. **Moore JX**, Chaudhary N, Akinyemiju T. Metabolic Syndrome Prevalence by Race/Ethnicity and Sex in the United States, National Health and Nutrition Examination Survey, 1988-2012. *Prev Chronic Dis.* 2017 Mar 16;14:E24. Doi: 10.5888/pcd14.160287. PubMed PMID: 28301314; PubMed Central PMCID: PMC5364735.
17. Wang HE, **Moore JX**, Donnelly JP, Levitan EB, Safford MM. Risk of Acute Coronary Heart Disease After Sepsis Hospitalization in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) Cohort. *Clin Infect Dis.* 2017 Jul 1;65(1):29-36. Doi: 10.1093/cid/cix248. PubMed PMID: 28369197; PubMed Central PMCID: PMC5849104.
18. **Moore JX**, Akinyemiju T, Wang HE. Pollution and regional variations of lung cancer mortality in the United States. *Cancer Epidemiol.* 2017 Aug;49:118-127. Doi: 10.1016/j.canep.2017.05.013. Epub 2017 Jun 9. PubMed PMID: 28601785; PubMed Central PMCID: PMC5553699.
19. Mahalingam M, **Moore JX**, Donnelly JP, Safford MM, Wang HE. Frailty Syndrome and Risk of Sepsis in the Reasons for Geographic And Racial Differences in Stroke (REGARDS) Cohort. *J Intensive Care Med.* 2017 Jan 1:885066617715251. Doi: 10.1177/0885066617715251. [Epub ahead of print] PubMed PMID: 28675981; PubMed Central PMCID: PMC5570657. [Epub ahead of print]

20. Chaudhary NS, Donnelly JP, **Moore JX**, Baddley JW, Safford MM, Wang HE. Association of baseline steroid use with long-term rates of infection and sepsis in the REGARDS cohort. *Crit Care*. 2017 Jul 13;21(1):185. Doi: 10.1186/s13054-017-1767-1. PubMed PMID: 28701217; PubMed Central PMCID: PMC5508766.
21. Duong HV, Herrera LN, **Moore JX**, Donnelly J, Jacobson KE, Carlson JN, Mann NC, Wang HE. National Characteristics of Emergency Medical Services Responses for Older Adults in the United States. *Prehosp Emerg Care*. 2018 Jan-Feb;22(1):7-14. Doi: 10.1080/10903127.2017.1347223. Epub 2017 Sep 1. PubMed PMID: 28862480; PubMed Central PMCID: PMC5760278.
22. **Xavier Moore J**, Donnelly JP, Griffin R, Safford MM, Howard G, Baddley J, Wang HE. Community characteristics and regional variations in sepsis. *Int J Epidemiol*. 2017 Oct 1;46(5):1607-1617. Doi: 10.1093/ije/dyx099. PubMed PMID: 29121335.
23. Akinyemiju T, **Moore JX**, Pisu M, Judd SE, Goodman M, Shikany JM, Howard VJ, Safford M, Gilchrist SC. A Prospective Study of Obesity, Metabolic Health, and Cancer Mortality. *Obesity (Silver Spring)*. 2018 Jan;26(1):193-201. Doi: 10.1002/oby.22067. Epub 2017 Nov 27. PubMed PMID: 29178569; PubMed Central PMCID: PMC5739969.
24. Akinyemiju T, **Moore JX**, Pisu M. Mediating effects of cancer risk factors on the association between race and cancer incidence: analysis of the NIH-AARP Diet and Health Study. *Ann Epidemiol*. 2018 Jan;28(1):33-40.e2. doi: 10.1016/j.annepidem.2017.11.003. Epub 2017 Nov 23. PubMed PMID: 29217211; PubMed Central PMCID: PMC5807138.
25. Akinyemiju T, **Moore JX**, Judd S, Lakoski S, Goodman M, Safford MM, Pisu M. Metabolic dysregulation and cancer mortality in a national cohort of blacks and whites. *BMC Cancer*. 2017 Dec 15;17(1):856. Doi: 10.1186/s12885-017-3807-2. PubMed PMID: 29246121; PubMed Central PMCID: PMC573109
26. Hsu J, Donnelly JP, **Moore JX**, Meneses K, Williams G, Wang HE. National characteristics of Emergency Department visits by patients with cancer in the United States. *Am J Emerg Med*. 2018 Mar 13. Pii: S0735-6757(18)30215-8. Doi: 10.1016/j.ajem.2018.03.025. [Epub ahead of print] PubMed PMID: 29573899. [Epub ahead of print]
27. Akinyemiju T, **Moore JX**, Judd SE, Pisu M, Goodman M, Howard VJ, Long L, Safford M, Gilchrist SC, Cushman M. Pre-diagnostic biomarkers of metabolic dysregulation and cancer mortality. *Oncotarget*. 2018 Feb 23;9(22):16099-16109. Doi: 10.18632/oncotarget.24559. eCollection 2018 Mar 23. PubMed PMID: 29662629; PubMed Central PMCID: PMC5882320.
28. Hsu J, Donnelly JP, Chaudhary NS, **Moore JX**, Safford MM, Kim J, Wang HE. Aspirin use and long-term rates of sepsis: A population- based cohort study. *PloS One*. 2018 Apr 18;13(4):e0194829. Doi: 10.1371/journal.pone.0194829. eCollection 2018. PubMed PMID: 29668690; PubMed Central PMCID: PMC5905958.
29. Sarmiento EJ, **Moore JX**, McClure LA, Griffin R, Al-Hamdan MZ, Wang HE. Fine Particulate Matter Pollution and Risk of Community- Acquired Sepsis. *Int J Environ Res Public Health*. 2018 Apr 21;15(4). Pii: E818. Doi: 10.3390/ijerph15040818. PubMed PMID: 29690517; PubMed Central PMCID: PMC5923860.
30. **Moore JX**, Akinyemiju T, Bartolucci A, Wang HE, Waterbor J, Griffin R. A prospective study of cancer survivors and risk of sepsis within the REGARDS cohort. *Cancer Epidemiol*. 2018 May 11;55:30-38. Doi: 10.1016/j.canep.2018.05.001. [Epub ahead of print] PubMed PMID: 29763753. [Epub ahead of print]
31. **Moore JX**, Akinyemiju T, Bartolucci A, Wang HE, Waterbor J, Griffin R. Mediating Effects of Frailty Indicators on the Risk of Sepsis After Cancer. *J Intensive Care Med*. 2018 Jan 1:885066618779941. Doi:

- 10.1177/0885066618779941. [Epub ahead of print] PubMed PMID: 29862879; PubMed Central PMCID: PMC6026551. [Epub ahead of print]
32. **Moore JX**, Royston KJ, Langston ME, Griffin R, Hidalgo B, Wang HE, Colditz G, Akinyemiju T. Mapping hot spots of breast cancer mortality in the United States: place matters for Blacks and Hispanics. *Cancer Causes Control*. 2018 Jun 19. Doi: 10.1007/s10552-018-1051-y. [Epub ahead of print] PubMed PMID: 29922896. [Epub ahead of print]
 33. Vickers A, Donnelly JP, **Moore JX**, Barnum S, & Wang HE. Epidemiology of Lumber Punctures in Hospitalized Patients in the United States. *PLoS One*. 2018 Dec 13;13(12):e0208622. Doi: 10.1371/journal.pone.0208622. eCollection 2018. PubMed PMID: 30543645.
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K. POSTER/ABSTRACT PRESENTATIONS

* - Denotes corresponding senior author.

** - Denotes mentee.

1. Akinyemiju T, **Moore JX**, Judd SE, Lakoski S, Goodman M, Safford M, & Pisu M. Metabolic Dysregulation and Cancer Mortality in a National Cohort of African-Americans and Whites. *American Association for Cancer Research Annual Meeting 2016, New Orleans, Louisiana – Monday April 18, 2016*

2. Akinyemiju T, **Moore JX**, Pisu M, Lakoski SG, Shikany J, Goodman M, & Judd SE. Dietary patterns and cancer mortality among Blacks and Whites in the REGARDS cohort. *American Association for Cancer Research Annual Meeting 2016, New Orleans, Louisiana* – Wednesday April 20, 2016
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4. **Moore JX**, Akinyemiju T, & Wang HE. Pollution and Regional Variations of Lung Cancer Mortality in the United States. *UAB Comprehensive Cancer Center 18th Annual Research Retreat* – Monday October 17th, 2016
5. **Moore JX**, Akinyemiju T, & Wang HE. Pollution and Regional Variations of Lung Cancer Mortality in the United States. *UAB Health Disparities Research Symposium 2017* – Wednesday May 3rd, 2017
6. **Moore JX**, Akinyemiju T, & Wang HE. Pollution and Regional Variations of Lung Cancer Mortality in the United States. *CDC National Cancer Conference* – Monday August 14 - 16, 2017
7. **Moore JX**, Akinyemiju T, Griffin RL, Waterbor J, Bartolucci A, & Wang HE. A Prospective Study of Cancer Survivors and Risk of Sepsis Within the REGARDS Cohort. *ASPO Annual Conference New York, NY* – March 12th, 2018
8. **Moore JX**, Royston K, Langston M, Griffin R, Hidalgo B, Wang H, Colditz G, & Akinyemiju T. Mapping Hot Spots of Breast Cancer Mortality in the United States: Place Matters for Blacks and Hispanics. *13th Annual UAB Health Disparities Research Symposium 2018* – March 19th, 2018 – **1st Place Award**
9. **Moore JX**, Carter SJ, Williams V, Lewis M, Khan S, Gilbert K, Howard G. Physical Health Composite and Risk of Cancer Mortality in the REasons for Geographic and Racial Differences in Stroke Study. *American Public Health Association (APHA) 2018 Annual Conference* – November 12, 2018
10. Lewis-Thames MW, Langston, M.E., Fuzzell, L., Khan, S., **Moore, J.X.**, & Han, Y. Rural-Urban differences e-cigarette ever use, the perception of harm, and e-cigarette information seeking behaviors among U.S. adults in a nationally representative study. Presented at: 12th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved; 2019 Sep 20-23; San Francisco, CA.
11. **Moore JX**, Carter SJ, Williams V, Lewis M, Khan S, Gilbert K, Howard G. Physical Health Composite and Risk of Cancer Mortality in the REasons for Geographic and Racial Differences in Stroke Study. *American Public Health Association (APHA) 2018 Annual Conference* – November 12, 2018
12. **Moore JX**, Carter SJ, Williams V, Lewis M, Khan S, Gilbert K, Howard G. Physical Health Composite and Risk of Cancer Mortality in the REasons for Geographic and Racial Differences in Stroke Study. *American Society for Preventive Oncology* – Tucson, Arizona March 20, 2020.
13. Vernon, MM., Jones S., **Moore, JX***, Coughlin, S., Heboyen, V. Clarke, S., Idun, B., Tingen, MS. (2022) “Cancer health awareness through screening and education (CHANGE): Understanding community experience accessing cancer care.” *American Association for Cancer Research Annual Meeting*, April 8-13, 2022, New Orleans, LA.
14. Vernon, MM., Jones, S., **Moore, JX**, Coughlin S., Heboyen, V., Clarke, S., Idun, B., Tingen, MS. Cancer Health Awareness through Screening and Education (CHANGE): A Community Approach to Healthy Equity. American Society of Preventive Oncology Annual Meeting, March 13-15, 2022, Tucson, AZ. <https://www.abstractsonline.com/pp8/#!/10517/presentation/11744>

15. **Moore JX**, Tingen MS, Coughlin SS, O'Meara C, Odhiambo L, Vernon M, Jones S, Petcu R, Johnson R, Islam KM, Nettles D, Albashir G, & Cortes J. Understanding Geographic and Racial Disparities in Mortality from Four Major Cancers in the State of Georgia: A Spatial Epidemiologic Analysis, 1999 – 2019. American Society of Preventive Oncology Annual Meeting, March 13-15, 2022, Tucson, AZ.
16. **Moore JX**, Tingen MS, Coughlin SS, O'Meara C, Odhiambo L, Vernon M, Jones S, Petcu R, Johnson R, Islam KM, Nettles D, Albashir G, & Cortes J. Understanding Geographic and Racial Disparities in Mortality from Four Major Cancers in the State of Georgia: A Spatial Epidemiologic Analysis, 1999 – 2019. *American Association for Cancer Research*, April 8 – 13, 2022, New Orleans, LA. <https://www.abstractsonline.com/pp8/#!/10517/presentation/18982>
17. Aduboffour A**, Carter SJ, Howard G, Khan S, Lewis-Thames MW, & **Moore JX***. The Moderating Role of Dietary Patterns on Physical Health and Risk of Cancer Mortality in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) Cohort. *American Association for Cancer Research*, April 8 – 13, 2022, New Orleans, LA. <https://www.abstractsonline.com/pp8/#!/10517/presentation/13325>
18. Korous KM, Ogbonnaya U, De Vera MA, Brooks E, **Moore JX**, & Rogers CR. (2023, April). Perceived economic pressure and colorectal cancer-related perceptions among U.S. males (aged 45-75 years). Poster to be presented at the 44th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Phoenix, AZ.
19. Williamson LD, Cafferty LA, Anderson LN, Jones S, **Moore JX**, Benson R, Whisenant EB, Clinton C, Lawson N, & Ledford CJW. (2023, May 25-29). How attributes of place threaten community trust in the American South. [Paper to be presented]. International Communication Association 73rd annual meeting, Toronto, Canada.
20. Brandt C, Vo JB, **Moore JX**, Veiga LHS, Gierach G, Berrington de Gonzalez, & Ramin C. County-Level Socioeconomic Status and Rural Disparities in Second Primary Cancer Risk Among Breast Cancer Survivors in the United States. Oral Presentation. American Society of Preventive Oncology Annual Meeting, March 14, 2023, San Diego, CA.
21. Bevel M, Sheth A, Tsai M, Parham A, Andrzejak SE, Jones SR, & **Moore JX**. Examining Racial Disparities in the Association between Food Deserts, Food Swamps, and Early-Onset Colorectal Cancer Mortality. Poster Presentation. American Society of Preventive Oncology Annual Meeting, March 14, 2023, San Diego, CA.
22. Deng Z, Hajihosseini M, **Moore JX**, Khan S, Graff R, Bondy ML, Chung BI, & Langston M. Lifetime body weight trajectories and risk of kidney cancer: a large US prospective cohort study. Poster Presentation. American Society of Preventive Oncology Annual Meeting, March 14, 2023, San Diego, CA.
23. Khan S, Patel P, Fuzzell L, Han Y, Langston ME, Lewis-Thames MW, & **Moore JX**. Beliefs and Perceptions on Genetic Testing and Precision Medicine based on Cancer Survivorship. Poster Presentation. American Society of Preventive Oncology Annual Meeting, March 14, 2023, San Diego, CA.
24. Tsai MH, **Moore JX**, Grunert C, Cabral DN. A population-based study of low colorectal cancer survival in the five regions of Georgia. Submitted to the 2023 Society of Epidemiologic Society Annual Meeting, Jun 13-16, Portland, OR. Poster presentation.
25. Ambade PN, **Moore JX**, & MacKinnon N. The link between perceived racism and health services utilization among older adults: A health equity analysis of commonwealth fund's 2021 international health policy survey. American Public Health Association (APHA) 2023. Roundtable format. Session: Medical Care, Disease Screening, Management, and Treatment. Wednesday, November 15, 2023, Atlanta, Georgia.

26. Tsai MH, Cabral DN, **Moore JX**, Cortes J. Temporal Trends in Colorectal Cancer Mortality in the Five Regions of Georgia, 1975-2018: A Joinpoint Regression Analyses. Submitted to the 16th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Orlando, FL, Sep 29-Oct 1, 2023, Poster presentation.
27. Parham A, Bevel M, Sheth A, Tsai MH, Andrzejak SE, Jones SR, **Moore JX**. Examining Racial Disparities in the Association between Food Swamps, Liquor Store Density, and Colorectal Cancer Mortality among Georgia Cancer Patients. Submitted to the 16th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Orlando, FL, Sep 29-Oct 1, 2023, Poster presentation.
28. Li C**, Andrzejak S, Rogers CR, Gilbert KL, Watts KJ, Bevel MS, Moody MD, Langston ME, Doty JV, Toriola AT, Conwell D, & ***Moore JX**. Examining the Role of Education and Allostatic Load on Cancer Mortality Risk among Black Men. 48th American Society of Preventive Oncology (ASPO) annual meeting, Chicago, IL, Mar 15-17, 2024, Accepted, Poster presentation.
29. Tsai, M.H., Vo, J.B., **Moore, J.X.**, Ramin, C., Guha, A., Dong, Y. Mediating effects of mental and physical health on the association between the presence of chronic diseases and colorectal cancer screening among breast cancer survivors. 48th American Society of Preventive Oncology (ASPO) annual meeting, Chicago, IL, Mar 15-17, 2024, Accepted, Poster presentation.
30. Jones S.R., Maxton O., Huang H., Ng E., Sloan A., **Moore J.X.**, Bevel M.S., Ledford C.J.W. “We have to be strong, even when we are weak”: A qualitative inquiry of sociocultural influences of stress among Black women at risk for aggressive breast cancer. American Society of Preventive Oncology (ASPO) 2024 Annual Conference. March 17-19, 2024, Chicago, IL. Poster Presentation.
31. Lopez-Pentecost M,** Li C, **Moore JX**, & Vernon M. “The Association between Educational Attainment and Chronic Stress with Risk of Cancer Mortality among Hispanic Women.” American Society of Preventive Oncology (ASPO) 2024 Annual Conference. March 17-19, 2024, Chicago, IL. Poster Presentation.
32. **Li C, Howard SP, Rogers C, Andrzejak S, Gilbert KL, Watts KJ, Bevel MS, Moody MD, Langston ME, Doty JV, Toriola AT, Conwell D, **Moore JX**. (2024, October). Education, allostatic load, and the risk of cancer related death among black men in the United States. Poster to be presented at the 2024 Annual American Public Health Association Meeting and Expo, Minneapolis, MN.
33. Arthur A, **Moore JX**, Oser C, Schoenberg N, Stachurski R, Sesenu F, Groznik M, Thompson J, James A, Dunfee M, Kern P. (2024, October 27-30). Students participating as ambassadors for research in Kentucky (SPARK): A health equity undergraduate research training program [Conference presentation]. APHA 2024 Annual Meeting & Expo, Minneapolis, MN, United States.
<https://apha.confex.com/apha/2024/meetingapp.cgi/Home/0>
34. **Moore JX**, **Pollard E, **Howard S, Johnson R, Williams L, Adegboyega A, Chen J, Cortes J, James A. Small Area-Estimation for Up-to-Date Mammography Screening in the United States: Geographic and Racial Disparities in Mammography Screening, 2015 – 2022. Submitted to the 17th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Los Angeles, CA, Sep 21-24, 2024, Poster presentation.
35. **Patel A, **Moore JX**, Spears M, Casanova T, Shelton B, Weiss H, Langston M, Watts K, Boyd D, Adsul P, Duncan M. Mediating Role of Social and Health Factors on the Relationship between Sexual Minority Individuals Living with High Allostatic Load and Risk of Cancer Mortality. Accepted to the 17th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Los Angeles, CA, Sept 21-24 2024, Poster presentation.

36. **Amezcuca J, Lopez-Pentecost M, Islam JY, Vernon MM, O'Connor KL & ***Moore JX**. Effect Modification of United States Residency and Length of Time in US on the Relationship between Allostatic Load and Cancer Mortality Risk in Hispanic/Latinx Americans: Insights from NHANES (1999-2019), Los Angeles, CA, Sep 21-Sep 24, 2024, Poster Presentation.
37. **Grunert C, Tsai MH, Rogers CR, Howard S, Hogg-Graham R, Martin C, Conwell D, Toriola, AT, Bhakta A, ***Moore JX**. Impact of Rurality on Early-Onset Colorectal Cancer Outcomes: Age, Geographic Disparities, and the Need for Improved Access and Awareness in the United States. Accepted to the 17th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Los Angeles, CA, Sep 21-Sep 24, 2024, Poster presentation.
38. **Walker B, Pollard E, Howard SP, Jones VM, O'Connor K, Durbin E, Hull P, Jones S, Adegboyega A, Wang X, Owen WAB, Szabunio MM, Williams LB, ***Moore JX**. Investigating the Role of Race/Ethnicity on the Association between Neighborhood Deprivation and Breast Cancer Outcomes among Kentucky Breast Cancer Patients years 2010-2022. Accepted to the 17th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Los Angeles, CA, Sept 21-24 2024, Poster presentation.
39. **Litteral CA, Martel MM, Mattingly D, & ***Moore JX**. (2025, March 16-19). *Family history density of substance use: Influence on participant substance use onset and duration* [Poster presentation]. American Academy of Health Behavior Annual Meeting, San Diego, CA.
40. **Pollard E, Tsai MH, Holt HK, Vu M, & **Moore JX**. (April 2025). Assessing the role of parental human papillomavirus vaccine uptake on the association between child sex-specific disparities and vaccine uptake. Poster presentation at the 49th American Society for Preventative Oncology meeting, Philadelphia, PA; Sunday April 6, 2025
41. **Amezcuca J, Miranda V, Lopez-Pentecost M, Islam JY, Vernon M, O'Connor K, & **Moore JX**. (April 2025). Impact of nativity, US residency, and citizenship status on the association between allostatic load and cancer mortality risk in Hispanic/Latinx Americans: Findings from NHANES (1999 – 2019). Poster presentation at the 49th American Society for Preventative Oncology meeting, Philadelphia, PA; Sunday April 6, 2025
42. **Grunert CR, Tsai MH, Rogers C, Howard S, Hogg-Graham R, Martin C, Conwell D, Toriola A, Bhakta A, & **Moore JX**. (April 2025). Impact of rurality and early-onset colorectal cancer in the US: Geographic disparities and awareness. Poster presentation at the 49th American Society for Preventative Oncology meeting, Philadelphia, PA; Sunday April 6, 2025
43. **Walker BE, Pollard E, Howard SP, Jones JM, O'Connor K, Durbin E, Hull P, Jones S, Adegboyega A, Wang X, Owen W, Szabunio MM, Williams LB, & **Moore JX**. (April 2025). Investigating the role of race/ethnicity on the association between neighborhood deprivation and breast cancer outcomes among Kentucky Breast Cancer Patients years 2010 – 2022. Poster presentation at the 49th American Society for Preventative Oncology meeting, Philadelphia, PA; Sunday April 6, 2025.
44. **Lu XA, Zheng T, & **Moore JX**. (April 2025). Mediating effects of social determinants of health and community factors on the association between race and breast cancer mortality. Poster presentation at the 49th American Society for Preventative Oncology meeting, Philadelphia, PA; Sunday April 6, 2025.
45. **Patel AN, **Moore JX**, Spears M, Casanova TN, Shelton BJ, Weiss HL, Langston ME, Watts KJ, Boyd DT, Adsul P, Duncan MS. (April 2025). Mediating role of health-related contextual factors on the relationship between sexual minority individuals living with high allostatic load and risk of cancer mortality.

Poster presentation at the 49th American Society for Preventative Oncology meeting, Philadelphia, PA; Sunday April 6, 2025.

46. **Moore JX**, Pollard E, **Howard S, Johnson R, Williams L, Adegboyega A, Chen J, Cortes J, James A. Small area-estimation for up-to-date mammography screening in the United States: Geographic and racial disparities in mammography screening, 2015 – 2022. Poster presentation at the 49th American Society for Preventative Oncology meeting, Philadelphia, PA; Monday April 7, 2025
47. Watts KJ, Thrasher SS, Conner LR, Griffin D, Howard SP, **Moore JX**, & Maccio EM. (2026, January). The double-edged sword: LGBTQ+ belongingness, discrimination, and substance use in Kentucky. Oral poster submitted to present at the Society for Social Work and Research 30th Annual Conference. Washington, D.C., United States.

L. INVITED LECTURES / PRESENTATIONS

1. **Moore JX**, Akinyemiju T, & Wang HE. Pollution and Regional Variations of Lung Cancer Mortality in the United States. UAB GIS Brown Bag Series – *Monday January 30, 2017*
2. **Moore JX**. Applied Epidemiology Course, Lecture: NIH NRSA F Award Mechanism. Washington University in St. Louis School of Medicine, Department of Public Health Sciences. – *Tuesday March 20, 2018*
3. **Moore JX**. “Race, Place, Cumulative Stress, and Breast Cancer Disparities”. University of Michigan, School of Public Health, Department of Epidemiology – *Tuesday December 4, 2018*
4. **Moore JX**. “Exploring Geographic and Racial Differences in Breast Cancer Mortality: Place Matters for Blacks and Hispanics”. University of Utah, Department of Family and Preventive Medicine – *Tuesday, February 12, 2019*
5. **Moore JX**. “Exploring Geographic and Racial Differences in Breast Cancer Mortality: Place Matters for Blacks and Hispanics”. Augusta University Medical College of Georgia, Department of Population Health Sciences – *March 15, 2019*
6. **Moore JX**. Applied Epidemiology Course, Guest Lecture: NIH NRSA F Award Mechanism. Washington University in St. Louis School of Medicine, Department of Public Health Sciences. – *Tuesday March 26, 2019*
7. **Moore JX**, Aslibekyan S, & Akinyemiju T. Allostatic Load Patterns by Age, Race/Ethnicity, Gender and Time Period in a Nationally Representative Sample of US Adults; 1988-2010. *Presented at the American Public Health Association 2019 Annual Meeting & Expo; 2019 Nov 5; Philadelphia, PA*
8. **Moore JX**. Guest Lecture: Intermediate Epidemiology. BIOSTAT 7370. 5 attending students. Augusta, GA; August 28, 2019.
9. **Moore JX**. Cancer Epidemiology, Lecture: Geographic and Racial Differences in Cancer Mortality. University of Delaware University, College of Health Sciences, Epidemiology; *2019 Nov 5; Newark, DE*
10. **Moore JX**. Guest Lecture: Academy of Richmond County High School on “Epidemiology and Public Health” ~100 attending students. Augusta, GA; January 22, 2020.
11. **Moore JX**. Guest Lecture: Disease Surveillance and Measures of Morbidity. KNHS 4311, Epidemiology. 10 attending students. Augusta, GA; February 6, 2020.

12. **Moore JX.** Department of Population Health Sciences Colloquium: Understanding geographic patterns in early-onset colorectal cancer mortality & elucidating determinants of early-onset colorectal cancer survival. February 14, 2020.
13. **Moore JX.** Guest Lecture: Intermediate Epidemiology. BIOSSTAT 7370. Augusta, GA; August 14, 2020.
14. **Moore JX.** Panel on COVID-19 and Structural Health Inequities. Students for a National Health Program, Medical College of Georgia, Augusta University, Augusta, Georgia. August 31, 2020.
15. **Moore JX.** Black in Cancer Panel Discussion “Cancer Disparities in the Black Community (Past and Present)”. Black in Cancer National Organization. *October 15, 2020* Link: <https://youtu.be/s-z12zT6p4M>
16. **Moore JX.** Guest Lecture: “Population and Public Health: Understanding the Social Determinants of Health” 25 Nursing 3500.1 & Nursing 4501.1 Students from the ReCAP program. Department of Biobehavioral Nursing, College of Nursing, Augusta University, Augusta, Georgia. *October 30, 2020.*
17. **Moore JX.** Panel sponsored by the 100 Black Men of Augusta, The Department of Population Health Sciences, and the Institute for Public and Preventive Health on “COVID-19 Vaccine Myths, Facts, & Issues Surrounding Hesitancy” *February 12, 2021* Link: <https://augustauniversity.box.com/s/ehwqtrxie8xm2r98sobeiko99q795me3>
18. **Moore JX.** Panel sponsored by Augusta University Multicultural Student Engagement on “COVID-19 Vaccine Discussion, Perspectives from BIPOC students on the COVID-19 Vaccine” *February 23, 2021*
19. **Moore JX.** “Correlates of COVID-19 Vaccine Hesitancy Among a Community Sample of Black/African Americans in the Southern United States”, IPPH Faculty brown bag seminar. March 19, 2021 Link: <https://web.microsoftstream.com/video/5c379eb4-83c9-416d-8196-a76fb372c33c>
20. **Moore JX.** Early Career Investigator Session 1 - Perspectives on Leveraging Existing Cohort Datasets for Secondary Data Analyses: From Initiation to Publication. American Society of Preventive Oncology *March 29, 2021*
21. **Moore JX.** “Geographic and Racial Disparities in Mammography Screening and Barriers to Receiving Care.” Cancer Prevention and Control, Virginia Commonwealth University *May 17, 2021*
22. **Moore JX.** Panel Sponsored by Augusta University, Peach State Health Plan, and Good Shepherd Baptist Church on “Bridging the Gap on COVID-19 Discussion Panel – Vaccine Hesitancy Town Hall” Good Shepherd Baptist Church, 1714 Olive Road, Augusta, GA *Wednesday October 20, 2021*
23. **Moore JX,** Jones S, Milton J, Bevel M, & Hobbs J. Hosted Virtual Town Hall Panel Discussion. Panel sponsored by the 100 Black Men of Augusta. *Living with COVID: Where do we go from here?* Augusta, Georgia February 24, 2022
24. **Moore JX** & Womack V. Rural Health – Understanding the Intersectionality between Race and Rurality on Health in the US Black Belt. *Institute of Public and Preventive Health (IPPH) Seminar Series on Rural Health* March 9, 2022
25. **Moore JX.** Junior Investigator Panel (Moderator) - Establishing a dynamic mentorship team to maximize your career trajectory and professional development. American Society of Preventive Oncology March 13, 2022
26. **Moore JX.** Social Epidemiology. *MEDI 6300 Introduction to Clinical Research Methods Showcase* Augusta University, Augusta, Georgia March 16, 2022

27. **Moore JX**, Jones S, & Lawrence R. Virtual Town Hall Panel Discussion. Panel sponsored by the 100 Black Men of Augusta. *Understanding Racial Disparities in Cancer* Augusta, Georgia May 16, 2022
28. **Moore JX** (Session chair) – Hot Topics and Recent Discoveries 2: Presentations from the Top-Rated Abstracts. American Association for Cancer Research Conference on The Science of Cancer Health Disparities, September 18, 2022.
29. **Moore JX** (Moderator) – Paceline panel discussion on cancer research and cancer disparities, Saturday October 15th, 2022
30. **Moore JX** (Guest Speaker) – Black Men’s Health conference, Augusta’s “Men’s Meat and Potato Luncheon”, Saturday October 15th, 2022
31. **Moore JX** (Oral Presenter), Andrzejak SE, Lewis-Thames MW, Langston ME, Han Y, Khan S, Nettles D, Fuzzell L, & Tingen MS. The Moderating Effect of Obesity on the Relationship between Allostatic Load and Cancer Mortality. American Public Health Association (APHA), Boston, Massachusetts, November 6, 2022.
32. **Moore JX** (Guest Lecture). “*Population Health and Public Health: Understanding the Social Determinants of Health*”. Introduction to Population Health, Pre-licensure nursing students to primary and ambulatory care environments (the RECAP program) at Augusta University. Augusta, Georgia. November 11, 2022
33. **Moore JX** (Keynote Speaker). “*Highlighting our Trainees*” CUIMC HICCC/MSSM TCI Joint Symposium: *Presentation on Systemic Discrimination Matters: Exploring the Risks of Cancer Mortality from Chronic Physiologic Stress Among Racial and Sexual Minorities*. New York, New York, February 27, 2023
34. **Moore JX** (Moderator), Rutkowski E, Spearman-McCarthy V, Kolhe R, & Isom R. *The Long-term effects of COVID-19: 3 years post COVID*. The 100 Black Men of Augusta, Morehouse School of Medicine, and the National COVID-19 Resiliency Network. March 9, 2023
35. **Moore JX** (Panelist). *Augusta – BLKHLTH Conversations Lung Cancer*. Augusta Museum of History, 560 Reynolds Street, Augusta, Georgia. April 22, 2023
36. **Moore JX** (Presenter). “The Study of Race(ism), Place, and Cancer Health”. Leadership eNgagement Empowerment and Resilience (LANTERN), Department of Internal Medicine, University of Kentucky, Lexington, Kentucky. Thursday, September 28, 2023.
37. **Moore JX** (Panelist & Presenter). “Place Matters for Black Women: The Landscape of Breast Cancer Disparities Across Space and Time in the United States and Georgia”. Emory University Rollins School of Public Health, Atlanta, Georgia, Saturday, October 21, 2023.
38. **Moore JX** (Panelist). *Community-Engaged Team Science Panel in our Early Career Investigator CCTS workshop series*. Center for Clinical and Translational Science, University of Kentucky, Lexington, Kentucky. October 30, 2023.
39. **Moore JX** & Roger M (Co-Presenters). Community Outreach and Engagement. Markey Cancer Center Retreat, Keeneland, 4201 Versailles Road, Lexington, Kentucky 40510
40. **Moore JX** (Guest Lecture). “Systemic Discrimination Matters”. Race, Racism and Health Inequities Among Blacks in the U.S. University of Kentucky Course BSC 755. February 26, 2024.

41. **Moore JX** (Guest Lecture). “IRB Overview: SPARK Program”. SPARK program, University of Kentucky. March 8, 2024.
42. **Moore JX**. (Guest Lecture). “How Health Equity Effects Cancer Health Outcomes”. DREAM Scholar program, University of Kentucky. March 13, 2024.
43. **Moore JX**. (Panelist) “Early Career Sessions: Cultivating Success: Mentorship and Resourceful Approaches to Academic Career Development.” American Society of Preventive Oncology 48th Annual Meeting. Chicago, Illinois. March 17, 2024.
44. **Moore JX**. (Presenter) “The Study of Race(ism), Place, and Cancer Health. Markey Cancer Center, Community Advisory Board, University of Kentucky, Lexington, Kentucky, March 21, 2024.
45. **Moore JX** (Guest Lecture). “Systemic Discrimination Matters”. Race, Racism and Health Inequities Among Blacks in the U.S. University of Kentucky Course BSC 755. April 1, 2024.
46. **Moore JX** (Presenter) “Small Area-Estimation (SAE) for Low Mammography Screening: Geographical and Racial Disparities in Mammography Screening, 2015 – 2022.” Leading the UNited In True Equity (UNITE) Research Priority Area, Research Showcase, University of Kentucky, Lexington, Kentucky. April 18, 2024
47. **Moore JX** (Presenter) “Community Based Participatory Research in Underserved Communities”. Statewide Epidemiological Outcomes Workgroup, Frankfort, Kentucky. June 25, 2024.

M. GRANTS AND FELLOWSHIPS

a. CURRENT SUPPORT

MOORE, J.X.

ACTIVE

PI: Moore, JX (Contact); Tsai, MH Source: National Cancer Institute Title: Pathways to Prevention: Exploring Social Determinants of Health in Early Onset Colorectal Cancer Grant Number: 1R21CA301113-01	2025 – 2027 Total Direct Costs: \$408,595	Effort: 15%
<p>Early-onset colorectal cancer (EOCRC) has been rising in incidence and mortality in the United States, with significant disparities observed among Black/African American individuals and those in rural communities, highlighting a critical research gap in understanding the impact of social determinants of health (SDoH) on these outcomes. The goal of this study is to understand the specific individual-level and area-level SDoH factors that contribute to CRC diagnosis, delays in first course of treatment for CRC, and CRC-specific survival disparities, and whether these associations are modified by age at diagnosis. Ultimately, these findings will inform targeted public health interventions and policies to improve health outcomes and reduce mortality associated with EOCRC in underserved populations/communities.</p> <p>NIH Reporter Link: https://reporter.nih.gov/project-details/11114847</p>		

MOORE, J.X.

ACTIVE

PI: Moore, JX Source: National Institute on Minority Health and Health Disparities Title: Geographic and Racial Disparities in Mammography Screening and Barriers to Receiving Care Grant Number: 1K01MD015304-01	2020 - 2025 Annual Direct Costs: \$112,495 Total Direct Costs: \$598,455	Effort: 75% or 9 CM
<p>Racial/ethnic minorities are disproportionately affected by breast cancer outcomes as Black and Hispanic women are 20% more likely than White women to be diagnosed with advanced stage breast cancer; and have up to 70% and 14% increased risk of death, respectively. This K01 project aims to identify areas of low mammography screening, and to elucidate the racial/ethnic specific barriers on the uptake of adequate mammography screening for Black and Hispanic women within the defined high-risk areas. The long-term goal of this research trajectory is to contribute to the reduction of racial and geographic disparities in breast cancer outcomes.</p> <p>NIH Reporter Link: https://projectreporter.nih.gov/project_info_description.cfm?aid=10040239&icde=53384518</p>		

MOORE, J.X.

ACTIVE

PI: Moore, JX Source: National Institutes of Health (NIH), Loan Repayment Program (LRP), National Institute on Minority Health and Health Disparities Title:	2021 - 2023 Total Award: \$73,548.42	
<p>The NIH Loan Repayment Programs (LRPs) are a set of programs established by Congress and designed to recruit and retain highly qualified health professionals into biomedical or biobehavioral research careers. The LRPs counteract that financial pressure by repaying up to \$50,000 annually of a researcher's qualified educational debt in return for a commitment to engage in NIH mission-relevant research.</p>		

OVERLAP: There is no budgetary overlap

MOORE, J.X.

ACTIVE

PI: Mattingly, Delvon Source: National Cancer Institute Title: CCSG Pilot: Sociological Barriers and Facilitators to Lung Cancer Screening Among Black Adults Who Use Various Combustible Tobacco Products: Assessing the Equity Impact of the USPSTF Lung Cancer Screening Recommendations	04/2024 - 03/2025 Total Award: \$63,250	Effort: In-kind
This project seeks to better understand barriers and facilitators to lung cancer screening among older Black adults with a history of combustible tobacco product use and assess whether current USPSTF lung cancer screening recommendations are equitably advising these adults to seek screening. This study aims to measure tobacco product use behaviors and lung cancer screening knowledge, attitudes, and beliefs among a sample of Black adults living in Lexington, Kentucky using a mixed-methods research design.		
OVERLAP: There is no budgetary overlap		

MOORE, J.X.

ACTIVE

PI: Schoenberg, Nancy Source: National Institute on Minority Health and Health Disparities Title: UK ASCEND (Achieving Success in Community-Engaged research to elimiNate Disparities)	05/2024 - 04/2029 Total Award: \$3,350,000	Effort: 4% or 0.48 CM
Driven to overcome the nation's worst health disparities experienced by Kentucky's rural, Black, Hispanic, and socioeconomically disadvantaged populations, the University of Kentucky (UK) proudly proposes UK ASCEND (Achieving Success in Community-Engaged research to elimiNate Disparities).UK ASCEND will cultivate health equity and community-engaged research talent and success among diverse early-stage investigators by providing the new and comprehensive ASCEND Scholars Program. Housed in the Center for Health Equity Transformation, the ASCEND Scholars Program consists of the: (1) ASCEND Training Program and (2) ASCEND Pilot Program with extensive bi-directional community engagement and embedded within rich and collaborative institutional strengths, including UK's Research Priority Areas and Center for Clinical and Translational Science.		
OVERLAP: There is no budgetary overlap		

b. COMPLETED SUPPORT

MOORE, J.X.

COMPLETED

PI: Ledford, C Source: Patient-Centered Outcomes Research Institute Title: Cultivating community co-researchers to build capacity for PCOR for COVID-19	2021 - 2023 Annual Direct Costs: \$152,485.00 Total Direct Costs: \$152,485.00	Effort: 2% or 0.24 CM
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Preliminary findings in a qualitative study of vaccine uptake and hesitancy in the Augusta, Georgia, community reveal a significant barrier new to COVID-19 vaccine uptake: unfamiliarity with and uncertainty about the vaccine development and research process. Participants who were unable to overcome these barriers had personal access to trusted members of the science and medicine community (including healthcare providers). Engaging community members as co-researchers throughout the research process can educate community members about the research process through active participation, while building sustaining relationships between the community and researchers. The Co-Researcher Activation Network (CRANE) will directly address emerging research questions about COVID-19 vaccination and develop stakeholder partnerships and engaged research focused on the underserved populations of Augusta, Georgia.

Role: Scientist Partner

OVERLAP: There is no scientific or budgetary overlap

MOORE, J.X.

COMPLETED

PI: Tingen, M Source: Bristol Meyers Squibb Foundation Title: Impacting Cancer Health Disparities and Facilitating Cancer Health Equity in Breast, Multiple Myeloma, and Prostate Cancers in Underserved and Minority Populations: The cancer- Community Awareness Access Research & Education II (c-CARE II) Initiative	2020 - 2023 Annual Direct Costs: \$981,439.00 Total Direct Costs: \$2,944,317.00	Effort: 10% or 1.2 CM
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The c-CARE II initiative is a research study designed to improve cancer outcomes in minority and underserved populations in a sustainable and collaborative community-based manner, and will achieve this by: (1) using trusted community-based trainers as a sustainable model to deliver evidence-based cancer awareness through health literacy and education, with an emphasis on prevention, screening, and early detection behaviors; (2) providing access and navigation to high-quality cancer screening and early detection services; (3) assisting with navigation to proper care as needed, e.g. upon detection of a suspicious lesion or nodule or a diagnosis of cancer; (4) sharing information about relevant medical and non-medical community-based resources; and (5) measuring pre- and post-intervention knowledge, attitudes and beliefs as well as changes in cancer health behaviors.

Role: Co-Investigator

MOORE, J.X.

COMPLETED

PI: Vernon, M Source: American Cancer Society & Pfizer Title: Cancer Health Awareness through screeNinG and Education (CHANGE)	2020 - 2022 Annual Direct Costs: \$154,534.00 Total Direct Costs: \$312,493.00	Effort: 2% or 0.24 CM
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The Cancer Health Awareness through screeNinG and Education (CHANGE) initiative is designed to improve cancer care and reduce racial disparities and inequities in a sustainable and collaborative community-based manner by: 1) delivering a model of evidence-based cancer awareness through health literacy and education, with an emphasis on prevention of modifiable risk factors, screening as indicated, and early detection behaviors; 2) providing access and seamless navigation to high-quality cancer screening and early detection services to eligible participants; measuring pre- and post-intervention knowledge, attitudes and beliefs as well as changes in cancer health behaviors, and rates of screenings completed; 3) providing health care professionals, hematology-oncology fellows, residents, and medical students with culturally-competent cancer training developed in collaboration and partnership with the community; and 4) by conducting cost-effectiveness analyses of these strategies. In answer to the goal of this RFP, CHANGE will empower AAs who experience significant negative social determinants to access care, increase their health knowledge and self-efficacy, and receive the high-quality cancer care and prevention they deserve while providing health care professionals at the Georgia Cancer Center, honest and introspective training on cultural competency, recognition of implicit bias, and tools to address these issues in practice.

Role: Co-Investigator

OVERLAP: There is no scientific or budgetary overlap

MOORE, J.X.
COMPLETED

PI: Moore, JX Source: Internal K-like Program, Clinical and Translational Science Award, Augusta University Title: Geographic and Racial Disparities in Mammography Screening	2020 Annual Costs: \$80,850 Total Costs: \$80,850	Effort: 50% or 6 CM
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Purpose: The purposes of this study are to: (1) determine areas of low mammography screening specifically for Black and Hispanic women, (Quantify a newly defined “Breast Cancer Area Disparity (BCAD) index” among Black and Hispanic women; (2) and examine whether BCAD index are associated with cancer patient characteristics using data from SEER.

MOORE, J.X.
COMPLETED

PI: Graham Colditz/ Aimee James Source: National Cancer Institute Title: Cancer Prevention and Control Training Program Grant No: T32-190194	2017 – 2019 Funding: \$50,000 annually	Role: Postdoctoral Scholar
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Purpose: To provide scholars from a broad range of disciplines the opportunity to develop skills in cancer prevention and control research and experience with trans-disciplinary approaches.

MOORE, J.X.
COMPLETED

PI: Karen Meneses/ Wendy Demark Source: National Cancer Institute Title: Cancer Prevention and Control Training Program Grant No: R25-CA047888	2016 - 2017 Funding: \$22,000 annually	Role: Trainee
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Purpose: To train interdisciplinary cancer prevention and control researchers. Trainees undertake a specialized curriculum that is tailored to their disciplinary and research interests, and conduct research related to cancer prevention and control.

c. NOT FUNDED

MOORE, J.X.
NOT FUNDED

PI: LEDFORD, C.J. Source: National Center on Minority Health and Health Disparities/NIH/DHHS Title: Working to Restore Trust in Health Information (WoRTHI) Among Black/African Americans in the American South	07/01/2022 – 06/30/2028 Total Direct Costs: \$3,247,852.47	Effort: 5% or 0.6 CM
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The “Working to Restore Trust in Health Information Among Black/African Americans in the American South” (WORTH) study will use a sequential exploratory design to advance understanding of multilevel and multidomain influences on the processing of misinformation among Black/African Americans, a population that experiences significant health disparities. The study investigates the role of individual factors within the healthcare system (health literacy, patient activation), interpersonal experiences of the healthcare system (illness invalidation, shared trust), community norms in the sociocultural environment (medical mistrust), and community experiences within the sociocultural environment (experiences of structural discrimination) on information and misinformation processing.

OVERLAP: There is no scientific or budgetary overlap

MOORE, J.X.

NOT FUNDED

PI: CHEN, J. Source: National Center on Minority Health and Health Disparities/NIH/DHHS Title: Analytics to extract genomic features relevant to response to cancer treatment regimens and contributing to the prediction of cancer risk or overall survival	07/01/2023 – 06/30/2028 Total Direct Costs: \$1,736,897.00	Effort: 5% or 0.6 CM
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The objective of this project is to identify critical genomic features contributing to the prediction of cancer risk, cancer patients’ response to treatment regimens, and overall survival. Our proposed methods will instigate a paradigm shift for using complex data from various cancer studies. The aims are to: (1) study how gene expression is jointly affected by both the copy number and methylation levels for gene sets or pathways relevant to cancer progression, (2) Identify key genomic features that contribute to the prediction of cancer patients’ survival using a novel predictive model, and (3) Discover genomic features contributing to cancer recurrent risk or response to cancer treatment regimens by developing innovative methods of deep learning and variable elimination.

OVERLAP: There is no scientific or budgetary overlap

MOORE, J.X.

NOT FUNDED

PI: Evers, M. Source: P30 Supplement NCI Title: Multi-Channel Communication Campaign to Increase Diverse Participation in Cancer Research	09/01/2023 – 08/31/2024 Total Direct Costs: \$200,000	Effort: 5% or 0.6 CM
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The University of Kentucky (UK) Markey Cancer Center (MCC) is the only NCI-designated comprehensive cancer center in the Commonwealth of Kentucky, which has the highest all-site cancer incidence and mortality in the country, driven largely by socioeconomic, geographic, and racial/ethnic inequities. The establishment of culturally tailored and community-engaged partnerships in cancer prevention and control efforts has been effective in reducing the prevalence of cancer-related risk factors and promoting screening behaviors among diverse populations. Culturally-targeted interventions need to be developed to promote clinical trial participation using plain language principles for communicating to underrepresented community audiences in a way that is both engaging and accessible, even for people with low literacy or numeracy. The overall goal of the proposed project is to increase participation of Black and Hispanic populations in cancer research through a culturally-tailored, multi-channel communication campaign that improves health literacy, awareness, knowledge and trust by integrating community input and collaborating with community partners. While the intervention will not be limited to specific cancer sites, we will prioritize attention on cancers that have elevated incidence or mortality among Black and Hispanic populations (e.g., breast, prostate, lung, colorectal, uterine, pancreatic, cervical, liver, myeloma, stomach). The specific aims of the project are to: AIM 1: Prepare a culturally tailored multi-channel communication campaign aimed at increasing cancer research participation among Black and Hispanic adults aged 30 years and older. AIM 2: Implement and evaluate the community-level component of the communication campaign via social media. AIM 3: Implement and evaluate the interpersonal-level component of the communication campaign via in-person presentations and small media.

Role: Project Co-Leader with Pamela C. Hull, PhD

OVERLAP: There is no scientific or budgetary overlap

MOORE, J.X.

NOT FUNDED

PI: MOORE, J.X.**Source:** American Cancer Society**Title:** GArdening to Reduce breast cancer risk and allostatic load In Neighborhoods (GARDiN)

01/01/2024 – 12/31/2027

Annual Direct Costs: \$792,000.00

Total Direct Costs: \$792,000.00

Effort:

20% or

2.4 CM

Breast cancer is responsible for 118 deaths a day for women living in the United States (US). Women can reduce their chances of developing breast cancer by changes to their physical activity, lifestyle, and diet. Black and Hispanic women are more likely to die of breast cancer compared to White women, regardless of where they live. We found that people who live in a food swamp, or an area with no grocery stores and more fast-food options, are more likely to die from obesity-related cancer (for example, breast cancer). Living in poor neighborhoods with no resources and other issues may lead to chronic stress, and that chronic stress has been found increase chances of dying from cancer. Research has shown that people are more willing to eat healthy foods when given an opportunity. We believe that living in a food swamp may create chronic stress, and then lead to a higher chance of developing and dying from breast cancer. The goals of this study are to determine: (1) the relationship between living in food swamps and chances of having chronic stress, (2) the relationship of living in food swamps and chances of developing and dying from breast cancer, and (3) understand if a home garden is a good treatment for chronic stress which may reduce chances of developing breast cancer. In our first goal, we will investigate living in a food swamp with chances of having chronic stress using data from a public survey. In our second goal, we will use patient records data to explore if living in a food swamp is related to being more likely to develop and die from breast cancer. In our last goal, we will give two groups of women personal gardens and cancer education resources, and then assess changes in chronic stress. The long-term goal of this research is to reduce breast cancer inequalities through personal home gardening. In accomplishing these goals, we will further the understanding of multiple reasons for developing breast cancer among US adult women. We will disseminate a sustainable treatment and test the usefulness and acceptance among women of color. We hope that the findings from this study will lead to a sustainable intervention that will empower women of color through the growth and nurturing of their own personal gardens.

OVERLAP: There is no scientific or budgetary overlap**MOORE, J.X.**

NOT FUNDED

PI: MOORE, J.X.**Source:** Paceline Awards (Georgia Cancer Center)**Title:** Systemic Discrimination, Cumulative Stress, and Cancer Disparities among Sexual and Gender Minorities

09/01/2024 – 8/30/2025

Annual Direct Costs: \$50,000.00

Total Direct Costs: \$50,000.00

Effort: 0

CM

Sexual and gender minority (SGM) populations, including LGBT individuals, face heightened cancer risks attributed to factors such as elevated rates of tobacco and substance use, increased risk of HPV infection (especially among MSM), and unique health disparities encompassing reduced healthcare access, discrimination, stigma, and lack of culturally competent care. Minority stress stemming from societal factors like stigma, prejudice, and systemic discrimination can lead to elevated levels of psychological disorders and chronic stress, contributing to immune system dysregulation, inflammation, and increased cancer risk in SGM individuals. Notably, SGM adults with high allostatic load (AL), or chronic physiologic stress, have a three-fold increased risk of cancer death compared to low AL straight/heterosexual adults. Among individuals with high AL, SGM individuals face over a two-fold increased risk of cancer death compared to straight/heterosexual adults. Our preliminary findings emphasize the pressing need for further research and targeted interventions to address the impact of chronic stress on cancer disparities among sexual minorities. The association between sexual and gender minorities (SGM) and the risk of cancer death, especially in relation to chronic physiologic stress and discrimination, has been understudied. This research study, titled "Systemic Discrimination, Cumulative Stress, and Cancer Disparities among Sexual and Gender Minorities," aims to address this research gap. Aim 1 will assess the prevalence of systemic and perceived discrimination among a nationally representative sample of 1000 SGM participants in the United States. This cross-sectional survey study will utilize a validated survey instrument to measure perceived discrimination and geocode measures of systemic discrimination among a large online database of SGM people via Prolific, a novel online research questionnaire platform. Poisson regression analysis will be conducted to estimate the prevalence and rate ratios of discrimination for SGM populations. Aim 2 will examine the prevalence of psychosocial factors and behavioral cancer risk factors among SGM individuals and determine if these risk factors differ based on measures of perceived discrimination and stress. We will employ validated measures of subjective mental health wellbeing, belongingness, minority stress, and social support among the 1000 SGM survey participants. This research aims to address the lack of studies specifically investigating psychosocial and behavioral cancer risk factors among SGM populations. Aim 3 will investigate the mediating effects of psychosocial and behavioral cancer risk factors on the increased risk of cancer mortality among sexual minorities with high allostatic load. Retrospective data from the National Health and Nutrition Examination Survey (NHANES) from 2001 to 2019 will be used for this analysis. This multi-site collaborative effort between research scholars from Augusta University, University of Kentucky, Ohio State University, and Stanford University will lead to seminal insights into the impact of discrimination and stress on cancer disparities among SGM populations. These findings will have significant implications for cancer prevention and control, addressing the marked disparities in cancer death rates.

OVERLAP: There is no scientific or budgetary overlap

MOORE, J.X.

NOT FUNDED

PI: LEDFORD, C.J.

Source: National Institutes of Health/ DHHS

Title: Community-Led Action for Social and Structural Improvements in Augusta (CLASSI Augusta)

09/01/2023 – 08/31/2032

Total Direct Costs: \$3,870,568.07

Effort:

5% or 0.6 CM

The proposed ten-year intervention study will develop, implement, assess, and disseminate a co-created community-led, health equity structural intervention that addresses the health and wellbeing of minority youth, with a specific focus on mental health and its sequelae.

OVERLAP: There is no scientific or budgetary overlap

MOORE, J.X.

NOT FUNDED

PI: WADSWORTH, D.

Source: Developing and Testing Multilevel Physical Activity Interventions to Improve Health and Well-Being (NOT-OD-21-08)

Title: Multilevel active play intervention in a low-income sample of preschool-age children

06/01/2024 – 05/31/2026

Total Direct Costs: \$13,413

Effort:

5% or 0.6 CM

This project provides a unique contribution by increasing PA in multiple segments of active play throughout a preschoolers' day in multiple environments. This adaptable, low-burden and sustainable format aims to increase healthy habit formation through increased automaticity for caregivers that will benefit children's health. This project will provide important information on whether, and in what ways, multilevel interventions targeting active play change preschooler PA in an attainable and sustainable way in the preschool and home environments; thereby providing an innovative design allowing for scalable implementation and sustainable PA habits in environments that are at high risk for poor health.

OVERLAP: There is no scientific or budgetary overlap

N. TEACHING EXPERIENCES

2024, Spring	Associate Professor BSC 390: Health Equity Research Foundations Credit hours: 3 University of Kentucky, College of Medicine
2024, Spring	Associate Professor MD 811: Introduction to Clinical Medicine 1 Credit hours: 4 University of Kentucky, College of Medicine
2024, Fall	Associate Professor MD 811: Introduction to Clinical Medicine 1 Credit hours: 4 University of Kentucky, College of Medicine
2024, Spring	Associate Professor BSC 300: Health Equity Research Foundations Credit hours: 3 University of Kentucky, College of Medicine
2021, Summer	Assistant Professor Biomedical Statistics – STAT 7070 Augusta University, Medical College of Georgia
2020, Summer	Assistant Professor Biomedical Statistics – STAT 7070 Augusta University, Medical College of Georgia
2018, Spring	Teaching Assistant Applied Epidemiology – M19 600 Master of Population Health Science (MPHS) program Washington University in Saint Louis School of Medicine
2017, Spring	Teaching Assistant Quantitative Methods in Epidemiology – EPI 625 Department of Epidemiology, School of Public Health University of Alabama at Birmingham

2016, Fall	Teaching Assistant Data Analysis and Presentation: Epidemiologic Studies – EPI 627 Department of Epidemiology, School of Public Health University of Alabama at Birmingham
2016, Summer	Teaching Assistant Data Analysis and Presentation: Epidemiologic Studies – EPI 627 Department of Epidemiology, School of Public Health University of Alabama at Birmingham
2010, Fall	Teaching Assistant Introduction to Writing – HACU 103 Hampshire College Amherst, Massachusetts
2010, Summer	Teaching Assistant Camp Science Investigators Hampshire College Amherst, Massachusetts

O. PROFESSIONAL AFFILIATIONS

2019 – Present	Member, American Society for Preventive Oncology (ASPO)
2019 – Present	Member, 100 Black Men of Augusta
2018 – Present	Member, American Public Health Association (APHA)
2016 – Present	Member, American Association for Cancer Research (AACR)
2015 – Present	Member, Society for Epidemiologic Research (SER)
2014	Member, Golden Key National Honor Society

P. MEDIA COVERAGE, PODCASTS, SOCIAL MEDIA ENGAGEMENTS

2024	UK summer workshop to offer Fayette County students a taste of statistical programming Link: Biostat PRODIGY
2024	Biostatistical Workshop Pulls In Curious Teens Link: https://www.fcps.net/post-details/~board/fayette-county-public-schools-news/post/biostatistical-workshop-pulls-in-curious-teens
2024	UK ASCEND to propel community-engaged health equity research Link: https://www.research.uky.edu/news/uk-ascend-propel-community-engaged-health-equity-research
2023	“Georgia Cancer Center studies health disparity in breast cancer” Link: https://www.wrdw.com/video/2023/03/10/georgia-cancer-center-studies-health-disparity-breast-cancer/
2022	“JENNIE: Chronic, lifelong stress can increase risk of dying from cancer”

- Link: <https://www.wjbf.com/featured/jennie/jennie-chronic-lifelong-stress-can-increase-risk-of-dying-from-cancer/>
- 2022 **“Wear and tear from lifelong stress can increase cancer mortality”**
Link: <https://jagwire.augusta.edu/wear-and-tear-from-lifelong-stress-can-increase-cancer-mortality/>
- 2022 **Paceline Podcast Host**
Episode 2: “Racial Disparities and Multiple Cancer Outcomes in Food Deserts and Food Swamps with Dr. Bevel”
Link: <https://www.youtube.com/live/rwwNX-HbM64?feature=share>
- 2022 **Paceline Podcast Host**
Episode 1: “Re-Shaping Our Response to Leukemia | VP James Holmes & Dr. Tianxiang Hu | The Paceline Podcast”
Link: <https://youtu.be/o5oG6WEJ1os>
- 2022 **“Loss of hospital services in south Fulton could have broad impact”**
Link: <https://www.ajc.com/news/coronavirus/loss-of-hospital-services-in-south-fulton-could-have-broad-impact/EJ4UKX4YCVCBRBZK6SB3R64KXY/>
- 2022 **“Rural Georgia counties pinpointed as hotspots for death from four common cancers”**
Link: <https://jagwire.augusta.edu/rural-georgia-counties-pinned-as-hotspots-for-death-from-four-common-cancers/>
- 2022 **“Moore recognized with AACR Minorities in Cancer Research award”**
Link: <https://jagwire.augusta.edu/moore-recognized-with-aacr-minorities-in-cancer-research-award/>
- 2022 **“I-TEAM: Deadly cancer hotspots uncovered across the CSRA”**
Link: <https://www.wrdw.com/2022/04/11/i-team-deadly-cancer-hotspots-uncovered-across-csra/>
- 2022 **“Interview with Epidemiologist Dr. Justin Xavier Moore” – The Skelton Report Podcast**
Link: <https://podcasts.apple.com/us/podcast/interview-with-epidemiologist-dr-justin-xavier-moore/id1558783913?i=1000555466739>
- 2021 **“Myths, lack of community concern drive COVID-19 vaccine resistance”**
Link: <https://www.augustachronicle.com/story/news/2021/10/21/covid-19-vaccine-hesitancy-driven-myths-lack-concern/8458489002/>
- 2021 **“Young age, housing insecurity primary factors in vaccine hesitancy among African Americans”**
Link: <https://jagwire.augusta.edu/young-age-housing-insecurity-primary-factors-in-vaccine-hesitancy-among-african-americans/>
- 2021 **“MCG researching who is vaccine hesitant”**
Link: <https://www.wjbf.com/news/mcg-researching-who-is-vaccine-hesitant/>
- 2021 **“Chadwick Boseman’s tragedy is America’s tragedy: In colorectal cancer hot spots, young men are dying at higher rates”**
Link: <https://www.statnews.com/2021/06/22/colorectal-cancer-hot-spots-young-men-dying-higher-rates/>
- 2021 **“Hampshire College Alum Dr. Justin Xavier Moore Awarded Five-Year NIH Grant”**
Link: <https://www.hampshire.edu/news/2021/03/02/hampshire-college-alum-dr-justin-xavier-moore-awarded-five-year-nih-grant>

- 2021 ***"New group at MCG hopes to diversify the medical field"***
Link: <https://www.wrdw.com/2021/03/08/new-group-at-mcg-hopes-to-diversify-the-medical-field/>
- 2021 ***"Racial Disparities In Health Care: The Toll Of COVID-19 On Communities Of Color"***
Link: <https://jagwire.augusta.edu/racial-disparities-in-health-care-the-toll-of-covid-19-on-communities-of-color/>
- 2021 ***"Racial Disparities In Health Care: A Matter Of Life And Death"***
Link: <https://jagwire.augusta.edu/racial-disparities-in-health-care-a-matter-of-life-and-death/>
- 2021 ***"Augusta University Health tackles vaccine hesitancy in the Black community"***
Link: <https://jagwire.augusta.edu/augusta-university-health-tackles-vaccine-hesitancy-in-the-black-community/>
- 2021 ***"At 105, Augusta educator and activist leads COVID-19 vaccine push"***
Link: <https://www.augustachronicle.com/story/news/2021/01/13/105-year-old-helps-promote-covid-19-vaccine-augusta-community/6621111002/>
- 2020 ***"Black Men's Organization Hosts COVID-19 Relief Events"***
Link: <https://www.usnews.com/news/best-states/georgia/articles/2020-12-06/black-mens-organization-hosts-covid-19-relief-events>
- 2020 ***"100 Black Men of Augusta to hold COVID-19 relief, testing events"***
Link: <https://www.augustachronicle.com/story/news/2020/12/03/100-black-men-of-augusta-to-hold-covid-19-relief-testing-events/43253099/>
- 2020 ***"'100 Black Men of Augusta' to bring free COVID-19 testing to local barbershops and churches"***
Link: <https://www.wjbf.com/top-stories/100-black-of-augusta-to-bring-free-covid-19-testing-to-local-barbershops-and-churches/>
- 2020 ***"Identifying hotspots of low mammography screening in Black, Hispanic women"***
Link: <https://jagwire.augusta.edu/identifying-hotspots-of-low-mammography-screening-in-black-hispanic-women/>
- 2020 ***"JENNIE: Breast Cancer Hot Spots"***
Link: <https://www.wjbf.com/featured/jennie/jennie-breast-cancer-hot-spots/>
- 2020 ***"Where you live could impact your colon cancer risk"***
Link: <https://www.wjbf.com/featured/the-means-report/where-you-live-could-impact-your-colon-cancer-risk/>
- 2020 ***"Black death rate from COVID-19 in Georgia far higher across all ages"***
Link: <https://www.augustachronicle.com/news/20200918/black-death-rate-from-covid-19-in-georgia-far-higher-across-all-ages>
- 2020 ***"States' reopening adds heavy weight to rise in COVID-19 cases"***
Link: <https://www.wrdw.com/content/news/State-reopening-adds-heavy-weight-to-the-rise-of-COVID-19-cases--571326241.html>
- 2020 ***"Analysis: Georgia faring much worse than South Carolina in pandemic rates."***
Link: <https://www.augustachronicle.com/news/20200613/analysis-georgia-faring-much-worse-than-south-carolina-in-pandemic-rates>

- 2020 ***“AU Study: Rural black counties in Georgia suffer highest COVID-10 death rates”***
Link: <https://www.blufftontoday.com/news/20200601/au-study-rural-black-counties-in-georgia-suffer-highest-covid-19-death-rates>
- 2020 ***“AU Study: Rural black counties in Georgia suffer highest COVID-10 death rates”***
Link: <https://www.augustachronicle.com/news/20200601/au-study-rural-black-counties-in-georgia-suffer-highest-covid-19-death-rates>
- 2018 ***“When it comes to breast cancer deaths, place and race...”***
Link: <http://news.stlpublicradio.org/post/when-it-comes-breast-cancer-deaths-place-and-race-matter#stream/0>
- 2018 ***“Cancer Hot Spots Identified in Southeast Missouri”***
Link: <http://news.wsii.org/post/cancer-hot-spots-identified-southeast-missouri#stream/0>
- 2018 ***“Alumni Spotlight – Justin Moore, PHD, MPH”***
Link: <https://www.youtube.com/watch?v=VSdiD2tT-E>
- 2018 ***“Study finds breast-cancer hot spot in Southeast Missouri”***
Link: <https://www.semissourian.com/story/2539223.html>
- 2015 ***“UAB study shows that injury rates from wearing high-heeled shoes ...”***
Link: <https://www.uab.edu/news/research/item/6071-uab-study-shows-that-injury-rates-from-wearing-high-heeled-shoes-have-doubled>