

**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 80 peer-reviewed (with 40+ as first or second author) research articles in the areas of health disparities, 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

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#### **D. PROFESSIONAL AND RESEARCH EXPERIENCE**

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- 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

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#### **E. PUBLIC HEALTH & COMMUNITY SERVICE EXPERIENCE**

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

**2019 – Present**      **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

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**F. AWARDS AND HONORS**

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

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**G. UNIVERSITY COMMITTEES/SERVICE**

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<b>2022</b>	<b>Grant Reviewer, Paceline – Georgia Cancer Center</b> Paceline Ride, LLC 1010 Broad Street Augusta, Georgia 30901
<b>2021 – Present</b>	<b>Committee Member</b> Admissions for Clinical and Translational Science (CTS) Master's Degree program Department of Population Health Sciences Augusta University Augusta, Georgia
<b>2020</b>	<b>Reviewer</b> Georgia Cancer Center Pilot Project Grant Review Committee
<b>2020 – 2021</b>	<b>Committee Chair</b> Seminar and Journal Club Department of Population Health Sciences, Augusta University
<b>2019 – 2020</b>	<b>Committee Member</b>

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

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- 2023**      Journal of Clinical Oncology  
               • Manuscript Reviewer
- 2023**      JAMA Network Open  
               • Manuscript Reviewer
- 2023**      American Public Health Association (APHA) 2023 Annual Conference  
               • Abstract Reviewer
- 2022**      American Association for Cancer Research (AACR), The Science of Cancer Health  
 Disparities in Racial/Ethnic Minorities and the Medically Underserved  
               • 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)  
               • 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)  
               • *Abstract Reviewer*
- 2021 – Present**      International Journal of Environmental Research and Public Health  
                               • *Manuscript Reviewer*
- 2021 – Present**      Vaccines

- *Manuscript Reviewer*
- 2020 – Present** Breast Cancer Research and Treatment
  - *Manuscript Reviewer*
- 2020 – Present** Journal of Aging and Social Policy
  - *Manuscript Reviewer*
- 2019 – Present** Journal of the American College of Emergency Medicine Open
  - *Editorial Board Member*
- 2019 – Present** Cancer Epidemiology
  - *Manuscript Reviewer*
- 2018 – Present** Cancer, Causes, & Control
  - *Manuscript Reviewer*
- 2018 – Present** Journal of Critical Care
  - *Manuscript Reviewer*
- 2018 – Present** Plos One
  - *Manuscript Reviewer*
- 2017 – Present** Critical Care
  - *Manuscript Reviewer*
- 2017 – Present** Future Oncology
  - *Manuscript Reviewer*
- 2016 – Present** Preventing Chronic Disease
  - *Manuscript Reviewer*
- 2015 – Present** PeerJ
  - *Manuscript Reviewer*
- 2015 – Present** Injury
  - *Manuscript Reviewer*

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**J. TRAINEES: MENTEES & ADVISEES**


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Period	Trainee Name	Training Period	Primary Project	Institution
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2019 – 2021	Swapnil Khose, PhDc (candidate)	2018 – 2023	COVID-19 Disparities research publications here: <a href="#">PMID: 33398262</a> <a href="#">PMID: 32500438</a>	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 ( <a href="#">PMID: 34752737</a> )	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 ( <a href="#">PMID: 33778312</a> )	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? ( <a href="#">PMID: 33093278</a> )	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 ( <a href="#">PMID: 34452004</a> )	Medical College of Georgia, Augusta University
Period	Trainee Name	Training Period	Primary Project	Institution
2020 – 2021	Katie Lively, BS (Medical Student)	2019-2023	<a href="#">PMID: 34452004</a> (see above)	Medical College of Georgia, Augusta University



2020 – 2021	Robert Petcu, BS (Medical Student)	2019-2023	<a href="#">PMID: 34452004</a> (see above)	Medical College of Georgia, Augusta University
2020 – Present	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 – Present	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 – Present	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 – Present	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 – Present	Camelia Malkami, BS (Medical Student)	2020-2024	Social Demographic Differences in Breastfeeding Adherence (NHANES) among Women in the US	Medical College of Georgia, Augusta University
2020 – Present	Ryan Johnson, MPH (Medical Student)	2019-2023	<a href="#">PMID: 34452004</a> (see above)	Medical College of Georgia, Augusta University
2020 – Present	Christian Laurent, BS, BA (Medical Student)	2020-2024	<a href="#">PMID: 34452004</a> (see above)	Medical College of Georgia, Augusta University
2022 – Present	Elinita Pollard, BS (Master's Student in General	2021 – 2023	Thesis: Relationship between access to care, socioeconomic	Department of Psychological Sciences, Augusta University

2022 – Present	Experimental Psychology) Sadhana Durbha, BS (Medical Student)	2022 – 2026	inequity, and infant mortality rates 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 Bhawe (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 – Present	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
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

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### 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, Altekruze 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 12 edicaid 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;92(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.
34. Mitchell KA, **Moore JX**, Rosenson RS, Irvin R, Guirgis FW, Shapiro N, Safford M, Wang HE. PCSK9 loss-of-function variants and risk of infection and sepsis in the Reasons for Geographic and Racial Differences in Stroke (REGARDS)

- cohort. PloSOne. 2019;14(2):e0210808. Doi:10.1371/journal.pone.0210808. eCollection 2019. PubMed PMID: 30726226; PubMed Central PMCID: PMC6364964.
35. Akinyemiju T, **Moore JX**, Dibaba D, Pisu M, Goodman M, Howard VJ, Safford M, Gilchrist SC, Cushman M, Long L, Judd SE. Association of baseline inflammatory biomarkers with cancer mortality in the REGARDS cohort. *Oncotarget*. 2019 Aug 6;10(47):4857-4867. Doi: 10.18632/oncotarget.27108. eCollection 2019 Aug 6. PubMed PMID: 31448052; PubMed Central PMCID: PMC6690671.
36. Langston ME, Fuzzell L, Lewis-Thames MW, Khan S, **Moore JX**. Disparities in Health Information-Seeking Behaviors and Fatalistic Views of Cancer by Sexual Orientation Identity: A Nationally Representative Study of Adults in the United States. *LGBT Health*. 2019 May/Jun;6(4):192-201. Doi: 10.1089/lgbt.2018.0112. Epub 2019 May 20. PubMed PMID: 31107153; PubMed Central PMCID: PMC6551968.
37. Han Y, **Moore JX**, Langston M, Fuzzell L, Khan S, Lewis MW, Colditz GA, Liu Y. Do breast quadrants explain racial disparities in breast cancer outcomes?. *Cancer Causes Control*. 2019 Aug 27;. Doi: 10.1007/s10552-019-01222-x. [Epub ahead of print] PubMed PMID: 31456108.
38. **Moore JX**, Akinyemiju T, Bartolucci A, Wang HE, Waterbor J, Griffin R. A Prospective Study of Community Mediators on the Risk of Sepsis After Cancer. *J Intensive Care Med*. 2019 Nov 4;:885066619881122. Doi: 10.1177/0885066619881122. [Epub ahead of print] PubMed PMID: 31684782; PubMed Central PMCID: PMC7196500.
39. Chaudhary NS, **Moore JX**, Zakai NA, Judd SE, Naik RP, Limou S, Cushman M, Lange LA, Wang HE, Winkler CA, Irvin MR, Kopp JB, Gutiérrez OM. APOL1 Nephropathy Risk Alleles and Risk of Sepsis in Blacks. *Clin J Am Soc Nephrol*. 2019 Dec 6;14(12):1733-1740. Doi: 10.2215/CJN.04490419. Epub 2019 Nov 8. PubMed PMID: 31704668; PubMed Central PMCID: PMC6895473.
40. Lewis-Thames MW, Langston ME, Fuzzell L, Khan S, **Moore JX**, 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. *Prev Med*. 2020 Jan;130:105898. Doi: 10.1016/j.ypmed.2019.105898. Epub 2019 Nov 21. PubMed PMID: 31760117; PubMed Central PMCID: PMC6945810.
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87. Stabellini N, Dmukauskas M, Bittencourt MS, Cullen J, Barda AJ, **Moore JX**, Dent S, Abdel-Qadir H, Kawatkar AA, Pandey A, Shanahan J, Barnholtz-Sloan JS, Waite KA, Montero AJ, & Guha A. (2023). Social Determinants of Health and Racial Disparities in Cardiac Events in Breast Cancer. J Natl Compr Canc Netw, 21(7), 705-714 e717. <https://doi.org/10.6004/jnccn.2023.7023>
88. Deng Z, Hajihosseini M, **Moore JX**, Khan S, Graff RE, Bondy ML, Chung B. (2023, Aug 25). Lifetime body weight trajectories and risk of renal cell cancer: a large US prospective cohort study. Cancer Epidemiol Biomarkers Prev. 2023 Aug 25:EPI-23-0668. <https://doi.org/10.1158/1055-9965.EPI-23-0668>. Epub ahead of print. PMID: 37624040

#### K. POSTER/ABSTRACT PRESENTATIONS

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\* - Denotes corresponding senior author.

\*\* - Denotes mentee.

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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
3. **Moore JX**, Akinyemiju T, Pisu M, Lakoski SG, Shikany J, Goodman M, & Judd SE. Dietary patterns and cancer mortality among Blacks and Whites in the REGARDS cohort. *UAB Health Disparities Research Symposium 2016* – Thursday April 21, 2016 – **2<sup>nd</sup> Place Award**
4. **Moore JX**, Akinyemiju T, & Wang HE. Pollution and Regional Variations of Lung Cancer Mortality in the United States. *UAB Comprehensive Cancer Center 18<sup>th</sup> Annual Research Retreat* – Monday October 17<sup>th</sup>, 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 3<sup>rd</sup>, 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 12<sup>th</sup>, 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 19<sup>th</sup>, 2018 - 1<sup>st</sup> 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., Heboyan, 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., Heboyan, 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.

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#### L. INVITED LECTURES / PRESENTATIONS

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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. BIostat 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 15<sup>th</sup>, 2022
30. **Moore JX** (Guest Speaker) – Black Men’s Health conference, Augusta’s “Men’s Meat and Potato Luncheon”, Saturday October 15<sup>th</sup>, 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** & Roger M (Co-Presenters). Community Outreach and Engagement. Markey Cancer Center Retreat, Keeneland, 4201 Versailles Road, Lexington, Kentucky 40510

## M. GRANTS AND FELLOWSHIPS

### a. CURRENT SUPPORT

#### MOORE, J.X.

ACTIVE

<b>PI:</b> Moore, JX <b>Source:</b> National Institute on Minority Health and Health Disparities <b>Title:</b> Geographic and Racial Disparities in Mammography Screening and Barriers to Receiving Care <b>Grant Number:</b> 1K01MD015304-01	2020 - 2025 Annual Direct Costs: \$112,495 Total Direct Costs: \$598,455	Effort: 75% or 9 CM
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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.

NIH Reporter Link:

[https://projectreporter.nih.gov/project\\_info\\_description.cfm?aid=10040239&icde=53384518](https://projectreporter.nih.gov/project_info_description.cfm?aid=10040239&icde=53384518)

#### MOORE, J.X.

ACTIVE

<b>PI:</b> Moore, JX <b>Source:</b> National Institutes of Health (NIH), Loan Repayment Program (LRP), National Institute on Minority Health and Health Disparities <b>Title:</b>	2021 - 2023 Total Award: \$73,548.42	
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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.

**OVERLAP:** There is no budgetary overlap

### b. COMPLETED SUPPORT

**MOORE, J.X.****COMPLETED**

<b>PI:</b> Ledford, C <b>Source:</b> Patient-Centered Outcomes Research Institute <b>Title:</b> 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
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. <b>Role: Scientist Partner</b>		
<b>OVERLAP:</b> There is no scientific or budgetary overlap		

**MOORE, J.X.****COMPLETED**

<b>PI:</b> Tingen, M <b>Source:</b> Bristol Meyers Squibb Foundation <b>Title:</b> 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
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. <b>Role: Co-Investigator</b>		

**MOORE, J.X.****COMPLETED**

<b>PI:</b> Vernon, M <b>Source:</b> American Cancer Society & Pfizer <b>Title:</b> 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
<p>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.</p> <p><b>Role: Co-Investigator</b></p>		
<b>OVERLAP:</b> There is no scientific or budgetary overlap		

**MOORE, J.X.****COMPLETED**

<b>PI:</b> Moore, JX <b>Source:</b> Internal K-like Program, Clinical and Translational Science Award, Augusta University <b>Title:</b> Geographic and Racial Disparities in Mammography Screening	2020 Annual Costs: \$80,850 Total Costs: \$80,850	Effort: 50% or 6 CM
<p>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.</p>		

**MOORE, J.X.****COMPLETED**

<b>PI:</b> Graham Colditz/ Aimee James <b>Source:</b> National Cancer Institute <b>Title:</b> Cancer Prevention and Control Training Program <b>Grant No:</b> 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**

<b>PI:</b> Karen Meneses/ Wendy Demark <b>Source:</b> National Cancer Institute <b>Title:</b> Cancer Prevention and Control Training Program <b>Grant No:</b> 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. PENDING SUPPORT****MOORE, J.X.****UNDER REVIEW**

<b>PI:</b> MOORE, J.X. <b>Source:</b> American Cancer Society <b>Title:</b> 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
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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.

UNDER REVIEW

<b>PI:</b> MOORE, J.X. <b>Source:</b> Paceline Awards (Georgia Cancer Center) <b>Title:</b> 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
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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

#### **d. PENDING SUPPORT AS CO-INVESTIGATOR**

**MOORE, J.X.**

UNDER REVIEW

<b>PI:</b> LEDFORD, C.J. <b>Source:</b> National Institutes of Health/ DHHS <b>Title:</b> 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.		
<b>OVERLAP:</b> There is no scientific or budgetary overlap		

**MOORE, J.X.**

UNDER REVIEW

<b>PI:</b> WADSWORTH, D. <b>Source:</b> Developing and Testing Multilevel Physical Activity Interventions to Improve Health and Well-Being (NOT-OD-21-08) <b>Title:</b> 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 or not, 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.		
<b>OVERLAP:</b> There is no scientific or budgetary overlap		

**MOORE, J.X.**

UNDER REVIEW

<b>PI:</b> Evers, M. <b>Source:</b> P30 Supplement NCI <b>Title:</b> 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

**e. 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

The “WoRTHI” 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**

<b>PI:</b> CHEN, J. <b>Source:</b> National Center on Minority Health and Health Disparities/NIH/DHHS <b>Title:</b> 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
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.		
<b>OVERLAP:</b> There is no scientific or budgetary overlap		

**N. TEACHING EXPERIENCES**

<b>2021, Summer</b>	<b>Assistant Professor</b> Biomedical Statistics – STAT 7070 Augusta University, Medical College of Georgia
<b>2020, Summer</b>	<b>Assistant Professor</b> Biomedical Statistics – STAT 7070 Augusta University, Medical College of Georgia
<b>2018, Spring</b>	<b>Teaching Assistant</b> Applied Epidemiology – M19 600 Master of Population Health Science (MPHS) program Washington University in Saint Louis School of Medicine
<b>2017, Spring</b>	<b>Teaching Assistant</b> Quantitative Methods in Epidemiology – EPI 625 Department of Epidemiology, School of Public Health University of Alabama at Birmingham
<b>2016, Fall</b>	<b>Teaching Assistant</b> 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**

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- 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**

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- 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/o5oG6WFJ1os>
- 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/EJ4UKX4YCVCBZK6SB3R64KXY/>
- 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"***

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