

CURRICULUM VITAE

Mya L. Roberson

Education

PhD in Epidemiology 2016 - 2021

Department of Epidemiology

University of North Carolina at Chapel Hill, Gillings School of Global Public Health

Dissertation Title: *Evaluating Geographic Variation in Breast Cancer Surgical Outcomes Among Black Women in the US South*

Master of Science in Public Health in Epidemiology 2016 - 2018

Department of Epidemiology

University of North Carolina at Chapel Hill, Gillings School of Global Public Health

Master's Thesis Title: *Premenopausal Gynecologic Surgery and Survival among Black and White Women with Breast Cancer*

Bachelor of Arts in Public Health, with Honors 2012 - 2016

Brown University

Thesis Title: *Understanding the Role of Patient-Provider Communication in Breast Cancer Screening for Black Women in Birmingham, Alabama*

Professional Experience

Assistant Professor of Health Policy 2021 -

Department of Health Policy, Vanderbilt University School of Medicine

Research Assistant, 2020 – 2021

Department of Surgery, University of North Carolina at Chapel Hill School of Medicine

Bibliography

* Indicates student mentee

Academic Journals

1. **Roberson ML**, Adamson AS, Shinkai K, JAMA Dermatology Editorial Board. JAMA Dermatology's Commitment to Diversity, Equity, and Inclusion. *JAMA Dermatology*.
2. **Roberson ML**, Padi-Adjirackor NA*, Hooker G, Pal T. Evaluating Costs Associated with Genetic Counseling Among Commercially Insured Patients with Cancer between 2013 and 2019. *JAMA Health Forum*.
3. Best AL, **Roberson ML**, Plascak JJ, Peterson CE, Rogers CR, Hastert TA, Molina Y. (2022). Structural Racism and Cancer: Calls to Action for Cancer Researchers to Address Racial/Ethnic Cancer Inequity in the United States. *Cancer Epidemiology, Biomarkers, and Prevention*.
4. **Roberson ML**, Nichols HB, Wheeler SB, Reeder-Hayes KE, Olshan, AF, Robinson WR. (2022). Trends in surgical treatment of early-stage breast cancer reveal decreasing mastectomy use between 2003-2016 by age, race, and rurality. *Breast Cancer Research and Treatment*.
5. Iles K, **Roberson ML**, Spanheimer P, Gallagher K, Ollila DW, Strassle PD, Downs-Canner S. (2022). The Impact of Age and Nodal Status on Variations in Oncotype DX Testing and Adjuvant Treatment. *NPJ Breast Cancer*.

6. **Roberson ML.** (2022). Let's get critical: Bringing Critical Race Theory into Cancer Research. *Nature Reviews Cancer*.
7. **Roberson ML,** Nichols HB, Wheeler SB, Reeder-Hayes KE, Olshan, AF, Baggett CD, Robinson WR. (2021). Validity of breast cancer surgery treatment information in a state-based cancer registry. *Cancer Causes & Control* 2021, 1–9.
8. **Roberson ML,** McGee-Avila JK. (2021). Justice-Involved women and cervical cancer disparities: Issues of surveillance, education and policy. *Journal of Correctional Healthcare*.
9. Iles KA, Thornton M, Park J, **Roberson M,** Spanheimer PM, Ollila DW, Gallagher K. (2021). Bridging Endocrine Therapy for HR+/HER2- Resectable Breast Cancer: Is it Safe?. *The American Surgeon*.
10. Akinkuotu AC, **Roberson M,** Strassle PD, Phillips MR, McLean SE, Hayes-Jordan A. (2021). Factors associated with inguinal hernia repair in premature infants during neonatal admission. *Journal of Pediatric Surgery*.
11. Egberg MD, Galanko JA, Benegas M, **Roberson ML,** Strassle PD, Phillips MR, Kappelman MD. (2021). Obesity Increases The Risk Of Hospital Readmission Following Intestinal Surgery For Children With Crohn's Disease. *Journal of Pediatric Gastroenterology & Nutrition*.
12. Herb J, Staley BS, **Roberson ML,** Strassle PD, Kim LT. (2021). Use and disparities in parathyroidectomy for symptomatic primary hyperparathyroidism in the Medicare population. *Surgery*.
13. Duplisea MJ, **Roberson ML,** Chrisco L, Strassle PD, Williams FN, Ziemer CM. (2021). Performance of ABCD-10 and SCORTEN Mortality Prediction Models in a Cohort of Patients with Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis. *Journal American Academy of Dermatology*.
14. **Roberson ML,** Strassle PD, Fashehun L, Erim DO, Deune GE, Ogunleye AA. (2021) Financial Burden of Lymphedema Hospitalizations in the United States. *JAMA Oncology*.
15. **Roberson ML,** Egberg MD, Strassle PD, Phillips MR. (2020). Measuring Malnutrition and Its Impact on Pediatric Surgery Outcomes: A NSQIP-P Analysis. *Journal of Pediatric Surgery*.
16. Lopez M, **Roberson ML,** Strassle PD, Ogunleye AA. (2020). Epidemiology of Lymphedema-related Hospital Admissions in the United States: 2010-2017. *Surgical Oncology*.
17. DiGuseppi, GT, Davis, JP, Meisel, MK, Clark, MA, **Roberson, ML,** Ott, MQ, & Barnett, NP. (2020). The influence of peer and parental norms on first-generation college students' binge drinking trajectories. *Addictive Behaviors*, 103.
18. **Roberson, ML.** (2020). On supporting early-career Black scholars. *Nature Human Behaviour*.
19. **Roberson, ML,** Nichols, HB, Olshan, AF, Troester, MA, & Robinson, WR (2020). Premenopausal gynecologic surgery and survival among black and white women with breast cancer. *Cancer Causes and Control*.
20. Gorham, G, Dulin-Keita, A, Risica, PM, Mello, J, Papandonatos, G, Nunn, A, Gorham, S, **Roberson, M,** Gans, KM. (2015). Effectiveness of fresh to you, a discount fresh fruit and vegetable market in low-income neighborhoods, on children's fruit and vegetable consumption, Rhode Island, 2010-2011. *Preventing Chronic Disease*.

Book Chapters

1. Butler B, Israel Cross R, **Roberson ML**. (2022). *The past, present and future of Black women in health policy*. In: Black Women and Public Health: Strategies to Name, Locate, and Change Systems of Power. Ed. SY Evans. SUNY Press.

Refereed Oral Presentations

1. **Roberson ML**, Stern R, Ni B, Gettler E, Friedman D, Richmond J, Sanderson M, Coker A, Shrubsole M, Lipworth L. Relationship between Income Loss and Delayed or Cancelled Cancer Screenings during the COVID-19 Pandemic in the Southern Community Cohort Study (SCCS). AcademyHealth Annual Research Meeting. Washington DC. June 2022.
2. Wolfgang M*, Beskow L, Hooker G, **Roberson ML**, Anderson K. Stigma manifestations impact patient and clinical outcomes in cardiogenetic care: “Sometimes it’s depressing. Sometimes I feel like giving up.” Annual Clinical Genetics Meeting. Nashville TN. March 2022.
3. Jadi, J, **Roberson ML**, Strassle PD, Long J. Treatment and Survival Outcomes for T4a and T4b Esophageal Adenocarcinoma using NCDB. Academic Surgical Congress. February 2021.
4. Herb JN, Staley BS, **Roberson ML**, Strassle PD, Kim LT. Use and Disparities in Parathyroidectomy for Symptomatic Primary Hyperparathyroidism in Older Adults. Academic Surgical Congress. February 2021.
5. **Roberson, ML**, Strassle, PD, Ogunleye, AA. Hospitalizations Due to Lymphedema in the United States: A One Billion Dollar Burden on Healthcare System Each Year. American College of Surgeons Clinical Congress Virtual. October 2020.
6. **Roberson ML**, Phillips MR, Egberg MD, Strassle PD. Malnutrition Classification Impacts Prevalence and Association with Surgical Site Infection in Pediatric Patients. American College of Surgeons Clinical Congress October 2020.
7. **Roberson, ML**, Robinson WR. *Characterizing delays in receiving medical care among cancer survivors: comparing Region 1-South to other NCI GMAP regions*. National Cancer Institute Geographical Management of Cancer Health Disparities Region 1-South Annual Symposium. Chapel Hill, NC. March 2018.

Refereed Poster Presentations

1. **Roberson ML**, Woods J, Glenn L, Maues J, James D, Reid S, Elmore SNC. Re-imagining Metastatic Breast Cancer Care Delivery: A Patient Partnered Qualitative Investigation. American Society for Clinical Oncology Quality of Care Symposium. Chicago, IL. September 2022.
2. **Roberson ML**, Reid SA, Pal T. Reasons for Pursuing Genetic Testing Among Young Black Women with Breast Cancer. American Association for Cancer Research Science of Cancer Health Disparities Meeting. Philadelphia, PA. September 2022.
3. **Roberson ML**, Nichols HB, Wheeler SB, Reeder-Hayes KE, Olshan, AF, Robinson WR. Emergency Department Utilization across the Care Continuum Among Women with Breast Cancer in North Carolina: A Cancer Registry-Linked, Multi-Payer Claims Analysis. AcademyHealth Annual Research Meeting. Washington DC. June 2022.

4. Padi-Adjirackor NA, **Roberson ML**, Hooker G, Pal T. Evaluating Costs Associated with Genetic Counseling Among Commercially Insured Patients with Cancer between 2013 and 2019. AcademyHealth Annual Research Meeting. Washington DC. June 2022.
5. **Roberson ML**, Iles K, Downs-Canner S, Strassle PD. Oncotype Testing is Not Consistently Being Performed Across Age and Nodal Status. International Conference on Surgical Cancer Care. March 2021.
6. Iles K, **Roberson ML**, Strassle PD, Muss H, Downs-Canner S. Understanding the Utility of Oncotype. Accepted for Poster Presentation at International Conference on Surgical Cancer Care. March 2021.
7. Egberg MD, Galanko JA, Benegas M, **Roberson ML**, Strassle PD, Phillips MD, Kappelman MD. Obesity Increases The Risk Of Hospital Readmission Following Intestinal Surgery For Children With Crohn’s Disease. North American Society for Pediatric Gastroenterology, Hepatology & Nutrition Annual Meeting. Virtual. Nov 2020.
8. Akinkuotu AC, **Roberson ML**, Strassle PD, Phillips MR, McLean SE, Nakayama DK, Hayes-Jordan A. “Factors Associated with Inguinal Hernia Repair in Premature Infants During Neonatal Admission.” American College of Surgeons 2020 Clinical Congress, Virtual. October 2020.
9. **Roberson, ML**, Reeder-Hayes KE., Roberts, MC., Wheeler, SB. *Comparative Effectiveness Analysis of Oncotype Dx Utilization on Acute Chemotherapy Adverse Events in the North Carolina Medicaid Population*. AcademyHealth Annual Research Meeting. Washington, DC. June 2019.
10. **Roberson, ML**, Robinson WR. *Characterizing Reasons for Delaying Medical Care in Adult Cancer Survivors by Geographic Region Using the 2014 Behavioral Risk Factor Surveillance System*. AcademyHealth Annual Research Meeting. Seattle, WA. June 2018
11. **Roberson, ML**, Robinson WR., Nichols, HB, Olshan, A., Troester, M. *Premenopausal Gynecologic Surgery and Breast Cancer Mortality in the Carolina Breast Cancer Study*. American Association for Cancer Research Science of Cancer Health Disparities. Atlanta, Georgia. September 2017.

Invited Talks

1. “Diversity in Cancer Patient Advocacy Roundtable.” National Coalition for Cancer Survivorship. Virtual. September 2022.
2. “Critical Race Theory and Cancer Outcomes Research.” Memorial Sloan Kettering Cancer Center Health Outcomes Research Group Grand Rounds. Virtual. September 2022.
3. “Centering Equity in genetic and genomic testing in oncology.” Meharry-Vanderbilt-Tennessee State Cancer Partnership Symposium. Nashville, TN. May 2022
4. “Bringing your Full Self into Work.” National Institutes of Health OxCam Career Development Seminar Series. Virtual. May 2022.
5. “Theory and Applications of Health Equity in Epidemiology.” Boston University Slone Epidemiology Center Seminar Series. Virtual. April 2022.
6. “Health disparities research in epidemiology: present and future directions.” Society for Epidemiologic Research SERDigital. Virtual. March 2022.
7. “Who are We Missing?: Centering Equity in Cancer Care Delivery Research” National Cancer Institute Division of Cancer Epidemiology and Genetics Health Disparities Interest Group. Virtual. December 2021.

8. “Centering the Margins: Bridging Health Equity and Cancer Care Delivery Research” University of Iowa Holden Comprehensive Cancer Center Grand Rounds. Virtual. October 2021.
9. “Bringing Critical Race Theory into Public Health: An Example in Cancer Care Delivery Research” University of Iowa College of Public Health Jumpstarting Tomorrow SEED grant program. Virtual. October 2021.
10. “Equity Considerations in Surgical Treatment of Breast Cancer and Management of Cancer Treatment Side Effects” University of North Carolina at Chapel Hill School of Medicine. Palliative Care and Comprehensive Cancer Support Programs. Virtual. February 2021.
11. “Lessons Learned and Notes from the Field.” Robert Wood Johnson Foundation Fall Virtual Convening Panel. Panelists: Mya Roberson, Kelly McGrady, Kandace Vallejo, and Rebecca Stone. Moderated by Yasmin Yonis. November 2020.
12. “Social Media Use and Personal Branding for Cancer Researchers.” American Society for Preventive Oncology Webinar. Virtual. August 2020.
13. “When COVID-19 and Racism Collide.” Ignite in Place. Virtual. June 2020.
14. “Combining Passion and Purpose: Pathways in Cancer Research,” University of Florida ReTOOL summer seminar. Virtual. June 2018.
15. “The Value of Gender Diversity in STEM Fields,” 125 Years of Women at Brown Panel. Panelists: Mya Roberson, Tejal Desai, Deidre Hanford and Andrea Razzaghi, moderated by Sangeeta Bhatia.

Funding

Current

22-20-73-ROBE (PI: Roberson) 09/01/2022 - 08/31/2024
 American Association for Cancer Research in Partnership with Victoria’s Secret and Pelotonia
Centering equity in HBOC genetic testing: a mixed methods study
 Role: Principal Investigator

3U01CA254832-03S1 (MPI: Pal & Cragun) 09/01/2022 - 08/31/2024
 National Cancer Institute
Improving Care After Inherited Cancer Testing (IMPACT) Study
 Role: Diversity Supplement Recipient

Completed

R36HS027299 Agency for Healthcare Research and Quality 2020 - 2021
 Title: Evaluating Geographic Variation in Breast Cancer Surgical Outcomes Among Black Women in the US South
 Role: Principal Investigator

Robert Wood Johnson Foundation Health Policy Research Scholars Program 2017 - 2021
 Role: Scholar

Teaching Experience

Vanderbilt University School of Medicine

Courses

Foundations in Health Equity I, *Instructor* Spring 2022

Guest Lectures

1. "Cancer Health Disparities." Vanderbilt University School of Medicine. Clinical Cancer Medicine Course. September 2022.
2. "Equity Considerations for Genetic and Genomic Testing in Oncology." Vanderbilt University School of Medicine. Precision Medicine Seminar. April 2022.
3. "Health equity considerations in claims data analyses." Vanderbilt University School of Medicine. Administrative Data Research. March 2022.
4. "Moving from Race-Based to Race-Conscious Medicine: An Overview" Vanderbilt University School of Medicine. March 2022.
5. "Applications of Critical Race Theory in Genetic Counseling." Vanderbilt University School of Medicine. Theories of Human Experience. February 2022.
6. "Intersectionality, oppression, and health outcomes." Vanderbilt University School of Medicine. Health Equity in Public Health. February 2022.
7. "Theory and Applications of Health Equity in Health Policy." Vanderbilt University School of Medicine. Introduction to Health Policy. October 2021.

University of North Carolina Chapel Hill

Understanding Public Health Issues, *Teaching Assistant* Fall 2019

Cancer Prevention and Control, *Teaching Assistant* Spring 2018, 2019, Fall 2019

Quantitative Methods in Epidemiology, *Teaching Assistant* Spring 2019

Guest Lectures

1. "Cancer Prevention and Control in Rural America." University of North Carolina at Chapel Hill. Cancer Prevention and Control. Virtual. October 2020.
2. "Use of the Public Health Critical Race Framework in Health Services Research." University of North Carolina at Chapel Hill. Cecil G. Sheps Center for Health Services Research Seminar. Virtual. October 2020.
3. "Health Equity in Cancer Prevention and Control." University of North Carolina at Chapel Hill. Cancer Prevention and Control. Virtual. August 2020.
4. "Looking Toward the Future of Black American Health." University of Michigan. Black American Health: A Focus on Children, Families, and Communities course. Virtual. April 2019.
5. "Breast Cancer- Successes and Gaps in the Inclusiveness of Precision Medicine." Brown University. Precision Medicine or Privileged Medicine sophomore seminar. Virtual. Oct. 2018.

Professional Affiliations

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| American Society for Preventive Oncology | 2018 - |
| Disparities Interest Group Leadership Council | 2019 - 2022 |
| AcademyHealth | 2017 - |
| Disparities Interest Group Vice-Chair | 2021 - 2022 |
| Disparities Interest Group Chair | 2022 - |
| American Association for Cancer Research | 2014 - |

Professional Service

Conference Participation

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| AcademyHealth Annual Research Meeting Conference theme leader | 2023 |
| AcademyHealth Health Datapalooza National Health Policy Conference Planning Committee | 2021, 2022 |
| AcademyHealth Health Datapalooza National Health Policy Conference theme leader | 2021 |
| AcademyHealth Health Datapalooza National Health Policy Conference session chair | 2021 |
| ASCO Quality Symposium Panel Moderator | 2021 |
| AcademyHealth Annual Research Meeting Panel Moderator | 2022 |

Journal Positions:

Editorial: Associate Editor of Diversity, Equity, and Inclusion, JAMA Dermatology

Distinguished Reviewer: JAMA Network Open

Ad Hoc Reviewer: Cancer Causes and Control, Breast Cancer Research and Treatment, Journal of the Patient Experience, Journal of Racial and Ethnic Health Disparities

University Service

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| Vanderbilt University Medical Center, <i>Patient Equity Council</i> | 2022 |
| Vanderbilt University Medical Center, <i>Health Equity Research Committee</i> | 2021 - |
| Brown University Corporation, <i>Trustee</i> | 2022 - |
| Brown University School of Public Health, <i>Advisory Council</i> | 2019 - 2022 |
| Brown University Corporation, <i>Trustee Emerita</i> | 2019 - 2022 |
| UNC Gillings SPH, <i>Inclusive Excellence Council</i> | 2019 - 2020 |
| Brown University Corporation, <i>New Alumni Trustee</i> | 2016 - 2019 |

Other Non-Refereed Works

Podcasts

1. OncologyTube: Bringing Critical Race Theory into Cancer Research.
<https://www.oncologytube.com/video/40785/podcast-my-a-roberson-phd-my-a-roberson-vuhealthpol-racialdesparities-bringing-critical-race-theory-into-cancer-research?channelName=cancernewsupdate>
2. From the Front Row Podcast: Exploring racial disparities in cancer care and treatment with Dr. Mya Roberson (10/18/2021) <https://www.public-health.uiowa.edu/news-items/from-the-front-row-exploring-racial-disparities-in-cancer-care-and-treatment-with-dr-my-a-roberson/>
3. Shiny Epi People Podcast: Updates from Matt Fox and Mya Roberson (09/11/2021).
<https://shinyepipeople.buzzsprout.com/1269377/9165567-updates-from-matt-fox-and-my-a-roberson>
4. Shiny Epi People Podcast, Episode 111: Mya Roberson, MSPH on applying epi methods to health services research and digging Guy Fieri (10/10/2020)
<https://shinyepipeople.buzzsprout.com/1269377/5644300-my-a-roberson-msph-on-applying-epi-methods-to-health-services-research-and-digging-guy-fieri>
5. Deeper Levels Podcast, Episode 16: Epidemiology, Big Data, and Health Equity in Cancer Research (06/21/2020). <https://deeperlevels.natalieba.net/16>

Essays and Blog Posts

1. **Roberson M.** Social media as a key to connection. Healio News: Women in Oncology. June 7th, 2022. <https://www.healio.com/news/hematology-oncology/20220607/blog-social-media-as-a-key-to-connection>
2. **Roberson, M.** Finding Myself in Research. *The New York Times*. May 23 2018. <https://www.nytimes.com/2018/05/23/opinion/graduate-student-cancer-research.html>
3. **Roberson M.** AcademyHealth Student Health Disparities Contest Essay. *Wright on Health Blog*. Feb. 9 2018. <https://wrightonhealth.wordpress.com/2018/02/09/mya-robersons-award-winning-essay/>

Media Interviews

1. Advocacy study one of the posters for #SABCS22. (09/28/2022). <https://www.sabcs.org/2021-SABCS-sup-sup/Blogs/ArticleID/233/Advocacy-study-one-of-the-posters-for-SABCS22>
2. Genetic counseling relatively low cost, 'should be offered to more at-risk patients'. (08/26/2022). <https://www.healio.com/news/hematology-oncology/20220825/genetic-counseling-relatively-low-cost-should-be-offered-to-more-atrisk-patients>
3. *Critical race theory in cancer research: Ask yourself 'who is missing.'* (02/25/2022). <https://www.healio.com/news/hematology-oncology/20220225/critical-race-theory-in-cancer-research-ask-yourself-who-is-missing>
4. *You Can Get Free N95 Masks Next Week* (01/21/2022). <https://www.verywellhealth.com/free-n95-masks-5216541>
5. *Open enrollment tips for health insurance: What you need to know.* (12/03/2021). <https://www.usatoday.com/story/money/2021/12/03/open-enrollment-how-to-get-health-insurance/8661869002/?gnt-cfr=1>
6. *Black Women More Likely to Die of Breast Cancer — Especially in the South | The Pew Charitable Trusts.* (05/15/2019) Retrieved February 6, 2022, from <https://www.pewtrusts.org/da/research-and-analysis/blogs/stateline/2019/05/15/black-women-more-likely-to-die-of-breast-cancer-especially-in-the-south?amp=1>
7. *On the front lines of public health research - ConvergenceRI.* (04/18/2016) from <http://convergenceri.com/stories/On-the-front-lines-of-public-health-research,2305>

AWARDS AND HONORS

- 2021 Delta Omega Public Health Honors Society
- 2020 AcademyHealth Disparities Interest Group Science Communication Contest Winner
- 2020 University of North Carolina Gillings School of Global Public Health Robert Craft Millikan Cancer Epidemiology Award for excellence in breast cancer epidemiology
- 2019 Aspen Ideas Scholar
- 2018 University of North Carolina Gillings School of Global Public Health Epidemiology Department H. Michael and Barbara Arrighi Endowed Scholarship
- 2018 AcademyHealth Diversity Network Scholar
- 2017 American Association for Cancer Research Scholar-in-Training Travel Award
- 2015 Ruth and William Silen, M.D, 2nd place poster prize in Public Health, Epidemiology or Biostatistics Harvard Medical School
- 2015 American Association for Cancer Research Thomas J. Bardos Science Education Award