

# Mya L. Roberson

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## 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*

Dissertation Committee: Whitney R. Robinson (chair), Hazel B. Nichols, Andrew F. Olshan, Stephanie B. Wheeler, Katherine E. Reeder-Hayes

### **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*

Readers: Whitney R. Robinson (chair), Hazel B. Nichols

### **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*

Readers: Melissa A. Clark, Ira B. Wilson

## 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

### *Graduate Student Fellow,* 2018 - 2019

Center for Faculty Excellence, University of North Carolina at Chapel Hill

## FUNDING

### **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, Amount: \$42,250

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

Role: Scholar, Amount: \$120,000

## PEER REVIEWED PUBLICATIONS

1. **Roberson ML**, McGee-Avila JK. (2021). Justice-Involved women and cervical cancer disparities: Issues of surveillance, education and policy. *Journal of Correctional Healthcare*. <https://doi.org/10.1089/jchc.19.09.0073>
2. 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*. doi: 10.1097/MPG.00000000000003251
3. Herb J, Staley BS, **Roberson ML**, Strassle PD, Kim LT. (2021). Use and disparities in parathyroideectomy for symptomatic primary hyperparathyroidism in the Medicare population. *Surgery*. <https://doi.org/10.1016/j.surg.2021.05.026>
4. 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*. doi:10.1016/j.jaad.2021.04.082
5. **Roberson ML**, Strassle PD, Fashehun L, Erim DO, Deune GE, Ogunleye AA. (2021) Financial Burden of Lymphedema Hospitalizations in the United States. *JAMA Oncology*. <https://doi.org/10.1001/jamaoncol.2020.7891>
6. **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*. <https://doi.org/10.1016/j.jpedsurg.2020.10.001>.
7. Lopez M, **Roberson ML**, Strassle PD, Ogunleye AA. (2020). Epidemiology of Lymphedema-related Hospital Admissions in the United States: 2010-2017. *Surgical Oncology*. <https://doi.org/10.1016/j.suronc.2020.09.005>
8. DiGuiseppi, 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. <https://doi.org/10.1016/j.addbeh.2019.106227>
9. **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*. <https://doi.org/10.1007/s10552-019-01255-2>
10. 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*, 12(10). <https://doi.org/10.5888/pcd12.140583>

## BOOK CHAPTERS

1. Butler B, Israel Cross R, **Roberson ML**. (In Press with SUNY Press). *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.

## REFEREED ORAL PRESENTATIONS

1. 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.

2. 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.
3. **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.
4. **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.
5. **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**, 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.
2. 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.
3. 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.
4. 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.
5. **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.
6. **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
7. **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.

## TEACHING EXPERIENCE

### University of North Carolina Chapel Hill

|   |                              |
|---|------------------------------|
| Understanding Public Health Issues, <i>Teaching Assistant</i>   | Fall 2019                    |
| Cancer Prevention and Control, <i>Teaching Assistant</i>        | Spring 2018, 2019, Fall 2019 |
| Quantitative Methods in Epidemiology, <i>Teaching Assistant</i> | 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.

## ESSAYS AND COMMENTARIES

1. **Roberson, ML.** On supporting early-career Black scholars. *Nature Human Behaviour*. July 27, 2020. <https://doi.org/10.1038/s41562-020-0926-6>
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/>

## INVITED TALKS

1. “Rapid Fire Session: Confronting Structural Racism - Outcomes/Population Focus” AcademyHealth National Health Policy Conference. Virtual. February 2021.
2. “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.
3. “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.
4. “Use of the Public Health Critical Race Framework in Health Services Research.” University of North Carolina at Chapel Hill Sheps Center for Health Services Research. October 2020.
5. “Social Media Use and Personal Branding for Cancer Researchers.” American Society for Preventive Oncology Webinar. Virtual. August 2020.
6. “When COVID-19 and Racism Collide.” Ignite in Place. Virtual. June 2020.
7. “Combining Passion and Purpose: Pathways in Cancer Research,” University of Florida ReTOOL summer seminar. Virtual. June 2018.
8. “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.

## PROFESSIONAL AFFILIATIONS

|  |                |
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| Society for Epidemiologic Research       | 2018 - Present |
| American Society for Preventive Oncology | 2018 - Present |
| AcademyHealth                            | 2017 - Present |
| American Association for Cancer Research | 2014 - Present |

## PROFESSIONAL SERVICE

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| <b>AcademyHealth</b> , 2021, 2022 <i>Health Datapalooza National Health Policy Conference Planning Committee</i> | 2020 – Present |
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| <b>American Society for Preventive Oncology</b> , <i>Health Disparities Special Interest Group Leadership Council</i> | 2019 - Present |
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### Ad Hoc Reviewer

**Journals:** Cancer Causes and Control, Breast Cancer Research and Treatment, JAMA Open Network, Journal of the Patient Experience

## UNIVERSITY SERVICE

|   |               |
|---|---------------|
| Brown University Corporation, <i>Trustee Emerita</i>              | 2019- Present |
| Brown University School of Public Health, <i>Advisory Council</i> | 2019- Present |
| UNC Gillings SPH, <i>Inclusive Excellence Council</i>             | 2019- 2020    |
| Brown University Corporation, <i>New Alumni Trustee</i>           | 2016- 2019    |

## AWARDS AND HONORS

|      |   |
|------|---|
| 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   |
| 2019 | Health Policy Research Scholars Case Competition Most Comprehensive Policy Solutions  |
| 2019 | American Society for Preventive Oncology New Investigators Workshop Participant   |
| 2018 | University of North Carolina Gillings School of Global Public Health Epidemiology Department H. Michael and Barbara Arrighi Endowed Scholarship                   |
| 2018 | University of North Carolina-Chapel Hill Lineberger Cancer Center Cancer Outcomes Research Program Travel Award   |
| 2018 | AcademyHealth Diversity Network Scholar   |
| 2018 | AcademyHealth Health Disparities Student Essay Contest Winner   |
| 2018 | Passed Master's Comprehensive Exam with Honors  |
| 2017 | American Association for Cancer Research Scholar-in-Training Travel Award   |
| 2016 | University of North Carolina Gillings School of Global Public Health Alumni Association Spirit of Giving Scholarship  |
| 2016 | University of North Carolina Gillings School of Global Public Health Miriam L. Cole Scholarship   |
| 2016 | University of North Carolina Gillings School of Global Public Health Class of 1958 and the Sandra Winn Green Scholarship  |

2015 Ruth and William Silen, M.D, 2<sup>nd</sup> place poster prize in Public Health, Epidemiology or Biostatistics Harvard Medical School

2015 American Association for Cancer Research Thomas J. Bardos Science Education Award

## MEDIA APPEARANCES OR RESEARCH MENTIONS

2020 Shiny Epi People Podcast, Episode 111: Mya Roberson, MSPH on applying epi methods to health services research and digging Guy Fieri [10/10](#)

2020 Deeper Levels Podcast, Episode 16: Epidemiology, Big Data, and Health Equity in Cancer Research [6/21](#)

2020 The Verge, Black Scientists Call out Racism in Their Institutions [6/11](#)

2019 The Chronicle of Higher Education, Are Black Scientists Being Punished for What They Want to Study [10/17](#)

2019 Pew Trusts Stateline, Black Women More Likely to Die of Breast Cancer – Especially in the South [5/15](#)

2017 The Chronicle of Higher Education, ‘I Am Black. And I Am Fed Up.’ [12/07](#)

2016 ConvergenceRI, On the front lines of public health research [4/18](#)