

**THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL  
ESHelman SCHOOL OF PHARMACY**

**CURRICULUM VITAE**

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**EDUCATION:**

<b>Degree</b>	<b>Institution &amp; Location</b>	<b>Dates</b>	<b>Major</b>
	Stanford Genetics and Genomics Program	2019-present	Genetics and Genomics
	ASCO Clinical Genetics Program	10/2018-1/2019	Clinical Genetics
PhD	University of North Carolina Gillings School of Public Health, Chapel Hill NC	5/2011-5/2015	Health Policy and Management
	East Carolina University	2009-2010	NC High School Science Teaching Licensure
BS	Davidson College, Davidson, NC	8/2003-5/2007	Biology, Spanish

**PROFESSIONAL EXPERIENCE:**

**ACADEMIC EMPLOYMENT:**

<b>Institution or Firm</b>	<b>Position/Rank</b>	<b>Dates</b>
University of North Carolina, Eshelman School of Pharmacy	Director of Implementation Science in Precision Health and Society	2018-present
University of North Carolina, Eshelman School of Pharmacy	Assistant Professor	2018-present
University of North Carolina, Gillings School of Global Public Health	Adjunct Professor	2018-present
University of North Carolina, Lineberger Cancer Center	Cancer Control Education Program Pre-doctoral Fellow	2013-2015
University of North Carolina	Research/Teaching Assistant	8/2011-6/2015

**OTHER EMPLOYMENT:**

<b>Institution or Firm</b>	<b>Position/Rank</b>	<b>Dates</b>
National Cancer Institute	Cancer Prevention Fellow	2015-2018
Upward Bound	Biology and Earth/Environmental High School Teacher	2008
Southern High School	High School Science Teacher	2007-2009

**OTHER RESEARCH AFFILIATIONS:**

<b>Institution or Firm</b>	<b>Position/Rank</b>	<b>Dates</b>
National Cancer Institute	Special Volunteer	2018-2019

**HONORS & AWARDS:**

<b>Date</b>	<b>Honor</b>
2019	Silver Award, Collaborative Group of Americas on Inherited Gastrointestinal Cancer
2019	Academic Excellence Award, UNC Eshelman School of Pharmacy
2018	New Presenter Award, American Public Health Association, Genomics Forum
2017	Earl Stadtman Investigator Candidate
2017	Sallie Rosen Kaplan Postdoctoral Fellowship for Women Scientists
2017	NIH Fellows Award for Research Excellence
2017	NCI Cancer Prevention Fellowship Program Merit Award
2015	Jean G. Yates Outstanding Doctoral Student Award
2015	Delta Omega Honorary Society of Public Health
2011	GlaxoSmithKline Catalyst Award
2011	GlaxoSmithKline Catalyst Award
2011	Screening and Compound Profiling Monthly Highlight
2010	GlaxoSmithKline Bronze Award
2007	Bonner Community Service Award

**BIBLIOGRAPHY AND PRODUCTS OF SCHOLARSHIP (as applicable):****Refereed Papers/Articles**

1: Allen CG, Fohner AE, Landry L, Paul JL, Smith SG, Turbitt E, **Roberts MC [senior author]**. Perspectives from Early Career Investigators Who Are "Staying in the Game" of Precision Public Health Research. Am J Public Health. 2019 Sep;109(9):1186-1187. doi: 10.2105/AJPH.2019.305199. PubMed PMID: 31390241.

2: Allen CG, Fohner AE, Landry L, Paul J, Smith SG, Turbitt E, **Roberts MC [senior author]**. Early career investigators and precision public health. Lancet. 2019 Aug 3;394(10196):382-383. doi: 10.1016/S0140-6736(19)30498-2. PubMed PMID: 31379330.

- 3: **Roberts MC**, Khoury MJ, Mensah GA. Perspective: The Clinical Use of Polygenic Risk Scores: Race, Ethnicity, and Health Disparities. *Ethn Dis*. 2019 Jul 18;29(3):513-516. doi: 10.18865/ed.29.3.513. eCollection 2019 Summer. PubMed PMID: 31367172; PubMed Central PMCID: PMC6645721.
- 4: Mensah GA, Jaquish C, Srinivas P, Papanicolaou GJ, Wei GS, Redmond N, **Roberts MC**, Nelson C, Aviles-Santa L, Puggal M, Green Parker MC, Minear MA, Barfield W, Fenton KN, Boyce CA, Engelgau MM, Khoury MJ. Emerging Concepts in Precision Medicine and Cardiovascular Diseases in Racial and Ethnic Minority Populations. *Circ Res*. 2019 Jun 21;125(1):7-13. doi: 10.1161/CIRCRESAHA.119.314970. Epub 2019 Jun 20. PubMed PMID: 31219738; PubMed Central PMCID: PMC6590684.
- 5: **Roberts MC**, Kurian AW, Petkov VI. Uptake of the 21-Gene Assay Among Women With Node-Positive, Hormone Receptor-Positive Breast Cancer. *J Natl Compr Canc Netw*. 2019 Jun 1;17(6):662-668. doi: 10.6004/jnccn.2018.7266. PubMed PMID: 31200352.
- 6: Allen CG, McBride CM, Haardörfer R, **Roberts MC [senior author]**. Associations between Objective Television Exposure and Cancer Perceptions in a National Sample of Adults. *Cancer Control*. 2019 Jan-Dec;26(1):1073274819846603. doi: 10.1177/1073274819846603. PubMed PMID: 31131620; PubMed Central PMCID: PMC6537258.
- 7: **Roberts MC**, Clyne M, Kennedy AE, Chambers DA, Khoury MJ. The current state of Funded NIH grants in implementation science in genomic medicine: a portfolio Analysis. *Genet Med*. 2019 May;21(5):1218-1223. doi: 10.1038/gim.2017.180. Epub 2017 Oct 26. PubMed PMID: 31048814.
- 8: **Roberts MC**, Mensah GA, Khoury MJ. Leveraging Implementation Science to Address Health Disparities in Genomic Medicine: Examples from the Field. *Ethn Dis*. 2019 Feb 21;29(Suppl 1):187-192. doi: 10.18865/ed.29.S1.187. eCollection 2019. PubMed PMID: 30906168; PubMed Central PMCID: PMC6428174.
- 9: **Roberts MC**, Turbitt E, Klein WMP. Psychosocial, attitudinal, and demographic correlates of cancer-related germline genetic testing in the 2017 Health Information National Trends Survey. *J Community Genet*. 2019 Oct;10(4):453-459. doi: 10.1007/s12687-018-00405-4. Epub 2019 Feb 20. PubMed PMID: 30835082; PubMed Central PMCID: PMC6754484.
- 10: Turbitt E, **Roberts MC**, Taber JM, Waters EA, McNeel TS, Biasecker BB, Klein WMP. Genetic counseling, genetic testing, and risk perceptions for breast and colorectal cancer: Results from the 2015 National Health Interview Survey. *Prev*

Med. 2019 Jun;123:12-19. doi: 10.1016/j.ypped.2019.02.027. Epub 2019 Feb 25.  
PubMed PMID: 30817954.

11: **Roberts MC**, Krakow M, Wheldon CW, Silver MI. Differences in Family Health History Knowledge among Bisexual and Lesbian Women. *LGBT Health*. 2019 Apr;6(3):134-137. doi: 10.1089/lgbt.2018.0217. Epub 2019 Feb 21. PubMed PMID: 30789301; PubMed Central PMCID: PMC6477583.

12: Turbitt E, **Roberts MC**, Hollister BM, Lewis KL, Biesecker LG, Klein WMP. Ethnic identity and engagement with genome sequencing research. *Genet Med*. 2019 Aug;21(8):1735-1743. doi: 10.1038/s41436-018-0410-0. Epub 2018 Dec 20. PubMed PMID: 30568309; PubMed Central PMCID: PMC6586548.

13: Allen CG, Andersen B, Khoury MJ, **Roberts MC [senior author]**. Current Social Media Conversations about Genetics and Genomics in Health: A Twitter-Based Analysis. *Public Health Genomics*. 2018;21(1-2):93-99. doi: 10.1159/000494381. Epub 2018 Nov 22. PubMed PMID: 30466105; PubMed Central PMCID: PMC6504926.

14: Silver MI, Klein W, Samimi G, Minasian L, Loud J, **Roberts MC [senior author]**. Concordance with BRCA1/2 testing guidelines among women in The Health of Women (HOW) Study(®). *Breast Cancer Res Treat*. 2019 Feb;173(3):719-726. doi: 10.1007/s10549-018-5035-0. Epub 2018 Nov 9. PubMed PMID: 30413980.

15: de Moor JS, Alfano CM, Kent EE, Norton WE, Coughlan D, **Roberts MC**, Grimes M, Bradley CJ. Recommendations for Research and Practice to Improve Work Outcomes Among Cancer Survivors. *J Natl Cancer Inst*. 2018 Oct 1;110(10):1041-1047. doi: 10.1093/jnci/djy154. PubMed PMID: 30252079; PubMed Central PMCID: PMC6454422.

16: Wheldon CW, **Roberts MC**, Boehmer U. Differences in Coping with Breast Cancer Between Lesbian and Heterosexual Women: A Life Course Perspective. *J Womens Health (Larchmt)*. 2019 Aug;28(8):1023-1030. doi: 10.1089/jwh.2018.6940. Epub 2018 Aug 21. PubMed PMID: 30130140; PubMed Central PMCID: PMC6909767.

17: **Roberts MC**. Implementation Challenges for Risk-Stratified Screening in the Era of Precision Medicine. *JAMA Oncol*. 2018 Nov 1;4(11):1484-1485. doi: 10.1001/jamaoncol.2018.1940. PubMed PMID: 29978191.

18: **Roberts MC**, Dotson WD, DeVore CS, Bednar EM, Bowen DJ, Ganiats TG, Green RF, Hurst GM, Philp AR, Ricker CN, Sturm AC, Trepanier AM, Williams JL, Zierhut HA, Wilemon KA, Hampel H. Delivery Of Cascade Screening For Hereditary Conditions: A

Scoping Review Of The Literature. *Health Aff (Millwood)*. 2018 May;37(5):801-808. doi: 10.1377/hlthaff.2017.1630. Review. PubMed PMID: 29733730.

19: **Roberts MC**, Ferrer RA, Rendle KA, Kobrin SC, Taplin SH, Hesse BW, Klein WMP. Lay Beliefs About the Accuracy and Value of Cancer Screening. *Am J Prev Med*. 2018 May;54(5):699-703. doi: 10.1016/j.amepre.2018.02.002. Epub 2018 Mar 16. PubMed PMID: 29551327; PubMed Central PMCID: PMC5911403.

20: Turbitt E, **Roberts MC**, Ferrer RA, Taber JM, Lewis KL, Biesecker LG, Biesecker BB, Klein WM. Intentions to share exome sequencing results with family members: exploring spousal beliefs and attitudes. *Eur J Hum Genet*. 2018 May;26(5):735-739. doi: 10.1038/s41431-018-0118-2. Epub 2018 Feb 23. PubMed PMID: 29476166; PubMed Central PMCID: PMC5945607.

21: **Roberts MC**, Murphy T, Moss JL, Wheldon CW, Psek W. A Qualitative Comparative Analysis of Combined State Health Policies Related to Human Papillomavirus Vaccine Uptake in the United States. *Am J Public Health*. 2018 Apr;108(4):493-499. doi: 10.2105/AJPH.2017.304263. Epub 2018 Feb 22. PubMed PMID: 29470122; PubMed Central PMCID: PMC5844399.

22: Allen CG, Andersen B, Chambers DA, Groshek J, **Roberts MC [senior author]**. Twitter use at the 2016 Conference on the Science of Dissemination and Implementation in Health: analyzing #DIScience16. *Implement Sci*. 2018 Feb 20;13(1):34. doi: 10.1186/s13012-018-0723-z. PubMed PMID: 29458394; PubMed Central PMCID: PMC5819210.

23: Reeder-Hayes KE, Wheeler SB, Baggett CD, Zhou X, Meng K, **Roberts MC**, Carey LA, Meyer AM. Influence of provider factors and race on uptake of breast cancer gene expression profiling. *Cancer*. 2018 Apr 15;124(8):1743-1751. doi: 10.1002/cncr.31222. Epub 2018 Jan 16. PubMed PMID: 29338090.

24: **Roberts MC**, Clyne M, Kennedy AE, Chambers DA, Khoury MJ. The current state of funded NIH grants in implementation science in genomic medicine: a portfolio analysis. *Genet Med*. 2017 Oct 26. doi: 10.1038/gim.2017.180. [Epub ahead of print] PubMed PMID: 29182607; PubMed Central PMCID: PMC5920776.

25: Reeder-Hayes KE, **Roberts MC**, Henderson GE, Dees EC. Informed Consent and Decision Making Among Participants in Novel-Design Phase I Oncology Trials. *J Oncol Pract*. 2017 Oct;13(10):e863-e873. doi: 10.1200/JOP.2017.021303. Epub 2017 Aug 24. PubMed PMID: 28837373; PubMed Central PMCID: PMC5640413.

- 26: **Roberts MC**, Wood EM, Gaieski JB, Bradbury AR. Possible barriers for genetic counselors returning actionable genetic research results across state lines. *Genet Med*. 2017 Nov;19(11):1202-1204. doi: 10.1038/gim.2017.34. Epub 2017 Apr 20. PubMed PMID: 28425980.
- 27: **Roberts MC**, Dusetzina SB. The effect of a celebrity health disclosure on demand for health care: trends in BRCA testing and subsequent health services use. *J Community Genet*. 2017 Apr;8(2):141-146. doi: 10.1007/s12687-017-0295-7. Epub 2017 Mar 15. PubMed PMID: 28299592; PubMed Central PMCID: PMC5386917.
- 28: **Roberts MC**, Miller DP, Shak S, Petkov VI. Breast cancer-specific survival in patients with lymph node-positive hormone receptor-positive invasive breast cancer and Oncotype DX Recurrence Score results in the SEER database. *Breast Cancer Res Treat*. 2017 Jun;163(2):303-310. doi: 10.1007/s10549-017-4162-3. Epub 2017 Feb 27. PubMed PMID: 28243896.
- 29: **Roberts MC**, Taber JM, Klein WM. Engagement with Genetic Information and Uptake of Genetic Testing: the Role of Trust and Personal Cancer History. *J Cancer Educ*. 2018 Aug;33(4):893-900. doi: 10.1007/s13187-016-1160-9. PubMed PMID: 28105554.
- 30: **Roberts MC**, Kennedy AE, Chambers DA, Khoury MJ. The current state of implementation science in genomic medicine: opportunities for improvement. *Genet Med*. 2017 Aug;19(8):858-863. doi: 10.1038/gim.2016.210. Epub 2017 Jan 12. Review. PubMed PMID: 28079898; PubMed Central PMCID: PMC6312663.
- 31: **Roberts MC**, Bryson A, Weinberger M, Dusetzina SB, Dinan MA, Reeder-Hayes K, Wheeler SB. ONCOLOGISTS' BARRIERS AND FACILITATORS FOR ONCOTYPE DX USE: QUALITATIVE STUDY. *Int J Technol Assess Health Care*. 2016 Jan;32(5):355-361. doi:10.1017/S026646231600060X. Epub 2016 Dec 13. PubMed PMID: 27958190; PubMed Central PMCID: PMC6526532.
- 32: Marcus PM, Pashayan N, Church TR, Doria-Rose VP, Gould MK, Hubbard RA, Marrone M, Miglioretti DL, Pharoah PD, Pinsky PF, Rendle KA, Robbins HA, **Roberts MC**, Rolland B, Schiffman M, Tiro JA, Zauber AG, Winn DM, Khoury MJ. Population-Based Precision Cancer Screening: A Symposium on Evidence, Epidemiology, and Next Steps. *Cancer Epidemiol Biomarkers Prev*. 2016 Nov;25(11):1449-1455. Epub 2016 Aug 9. PubMed PMID: 27507769; PubMed Central PMCID: PMC5165650.

- 33: Wheeler SB, **Roberts MC**, Bloom D, Reeder-Hayes KE, Espada M, Peppercorn J, Golin CE, Earp JA. Oncology providers' perspectives on endocrine therapy prescribing and management. *Patient Prefer Adherence*. 2016 Sep 30;10:2007-2019. eCollection 2016. PubMed PMID: 27757021; PubMed Central PMCID: PMC5053382.
- 34: **Roberts MC**, Bryson A, Weinberger M, Dusetzina SB, Dinan MA, Reeder-Hayes KE, Wheeler SB. Patient-Centered Communication for Discussing Oncotype DX Testing. *Cancer Invest*. 2016 May 27;34(5):205-12. doi: 10.3109/07357907.2016.1172637. Epub 2016 Apr 28. PubMed PMID: 27124287; PubMed Central PMCID: PMC4984670.
- 35: **Roberts MC**, Weinberger M, Dusetzina SB, Dinan MA, Reeder-Hayes KE, Carey LA, Troester MA, Wheeler SB. Racial Variation in the Uptake of Oncotype DX Testing for Early-Stage Breast Cancer. *J Clin Oncol*. 2016 Jan 10;34(2):130-8. doi: 10.1200/JCO.2015.63.2489. Epub 2015 Nov 23. PubMed PMID: 26598755; PubMed Central PMCID: PMC4872005.
- 36: **Roberts MC**, Weinberger M, Dusetzina SB, Dinan MA, Reeder-Hayes KE, Troester MA, Carey LA, Wheeler SB. Racial variation in adjuvant chemotherapy initiation among breast cancer patients receiving oncotype DX testing. *Breast Cancer Res Treat*. 2015 Aug;153(1):191-200. doi: 10.1007/s10549-015-3518-9. Epub 2015 Jul 28. PubMed PMID: 26216535; PubMed Central PMCID: PMC4562432.
- 37: Jolles MP, Haynes-Maslow L, **Roberts MC**, Dusetzina SB. Mental health service use for adult patients with co-occurring depression and physical chronic health care needs, 2007-2010. *Med Care*. 2015 Aug;53(8):708-12. doi: 10.1097/MLR.0000000000000389. PubMed PMID: 26147863; PubMed Central PMCID: PMC4932892.
- 38: **Roberts MC**, Dusetzina SB. Use and Costs for Tumor Gene Expression Profiling Panels in the Management of Breast Cancer From 2006 to 2012: Implications for Genomic Test Adoption Among Private Payers. *J Oncol Pract*. 2015 Jul;11(4):273-7. doi: 10.1200/JOP.2015.003624. Epub 2015 Jun 23. PubMed PMID: 26105668.
- 39: **Roberts MC**, Wheeler SB, Reeder-Hayes K. Racial/Ethnic and socioeconomic disparities in endocrine therapy adherence in breast cancer: a systematic review. *Am J Public Health*. 2015 Jul;105 Suppl 3:e4-e15. doi: 10.2105/AJPH.2014.302490. Epub 2015 Apr 23. Review. PubMed PMID: 25905855; PubMed Central PMCID: PMC4455526.

40: Dressler LG, Jones SS, Markey JM, Byerly KW, **Roberts MC**. Genomics education for the public: perspectives of genomic researchers and ELSI advisors. *Genet Test Mol Biomarkers*. 2014 Mar;18(3):131-40. doi: 10.1089/gtmb.2013.0366. Epub 2014 Feb 4. PubMed PMID: 24495163; PubMed Central PMCID: PMC3948600.

### **In Press**

1. **Roberts MC**, Allen CG, Andersen BL. The FDA Authorization of Direct-to-Consumer Genetic Testing for Three BRCA1/2 Mutations: A Twitter Analysis of the Public's Response. *JAMIA Open*. (e-published 2019).

### **Under Review**

1. Nooraie RY, Kwan BM, Cohn E, AuYoung M, **Roberts MC**, Adsul P, Shelton RC. Advancing Health Equity through CTSA program: Opportunities for interaction between Health Equity, Dissemination & Implementation and Translational Science. *Journal of Clinical and Translational Science*.
2. Srinivasan S, Won NY, Dotson WD, Wright ST, **Roberts MC [senior author]**. Barriers and facilitators for cascade testing in genetic conditions: A systematic review. *American Journal of Preventive Medicine*.
3. Srinivasan S, Hampel H, Leeman J, Patel A, Rahm AK, Reuland DS, **Roberts MC [senior author]** Stakeholder perspectives on overcoming barriers to cascade testing in Lynch syndrome: A qualitative study. *Genetics in Medicine*.
4. Spees LS, **Roberts MC**, Freedman AN, Butler EN, Klein WMP, Prahbu Das I, de Moor JS. Involving Patients and Their Families in Deciding to Use Next Generation Sequencing: Results from a Nationally Representative Survey of U.S. Oncologists. *Patient Education and Counseling*
5. Allen C, **Roberts MC**, Guan Y. Exploring Predictors of Genetic Counseling and Testing for Hereditary Breast and Ovarian Cancer: Findings from the 2015 U.S. National Health Interview Survey *Journal of Personalized Medicine*

### **Invited Editorials [also listed above]**

1. Allen CG, Fohner AE, Landry L, Paul J, Smith SG, Turbitt E, **Roberts MC [Senior Author]**. (Under Review). Perspectives from Early Career Investigators Who are “Staying in the Game” of Precision Public Health Research. *The Lancet*.
2. **Roberts, MC**. Editorial: Implementation Challenges for risk-stratified screening in the era of precision medicine. *JAMA Oncology*. Published online July 05, 2018. doi:10.1001/jamaoncol.2018.1940

### **Refereed oral presentations:**



1. Kelley, D.E., **Roberts, M.C.**, Seaman, E.L., Ellis, E.E., Klein, W.P. (2020, April). *Visual Depictions of Cancer Risk: A Systematic Review*. 41<sup>st</sup> Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA.
2. **Roberts MC**, Srinivasan S, Hampel H, Patel A, Rahm AK, Reuland DS, Leeman J. 12<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. Arlington, VA, December 4, 2019.
3. **Roberts MC**, Srinivasan S, Hampel H, Patel A, Rahm AK, Reuland DS, Leeman J. 23<sup>rd</sup> Annual Meeting of the Collaborative Group of the Americas on Inherited Gastrointestinal Cancer. Salt Lake City, UT, November 5, 2019. [Silver award]
4. **Roberts MC**, Turbitt E, Klein W. Psychosocial, attitudinal and demographic correlates of cancer-related genetic testing in the 2017 Health Information National Trends Survey, Current Issue in Public Health Genomic, American Public Health Association, San Diego, CA, November 12, 2018.
5. **Roberts MC**, Krakow M, Silver M. Family Health History Knowledge among Participants in the Dr. Susan Love Research Foundation's The Health of Women (HOW) Study<sup>TM</sup>: Paper Session 15: Family Context and Health, Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA, April 12, 2018.
6. **Roberts MC**, Taber J, Klein WM. Engagement with genetic testing and information: Paper Session 31, Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA, March 31, 2017.
7. **Roberts MC**, Kennedy A, Chambers D, Khoury M. The current state of implementation science in genomic medicine: opportunities for improvement. *Implementation Science in Precision Medicine: From Genomic Testing to Population Health Session, Annual Conference on the Science of Dissemination and Implementation, Washington D.C., December 14, 2016*.
8. **Roberts MC**, Wheeler SB, Reeder-Hayes K., Dusetzina SB, Dinan M, Troester M, Carey L, Weinberger M. Racial variation in the use of Oncotype DX testing for women with early stage breast cancer. Symposium on Cancer Health Disparities, National Cancer Institute, Bethesda, MD, October 2016.
9. Miller D, **Roberts MC**, Petkov V, Shak S, Howlader N, Cronin K, Penberthy L. Breast cancer-specific survival in >4,600 patients with lymph node-positive (LN+) hormone receptor-positive (HR+) invasive breast cancer (BC) and 21-gene Recurrence Score<sup>®</sup> (RS) results in the SEER registries. European Society for Medical Oncology Annual Meeting, Oral Presentation, Copenhagen, Denmark, October 2016.

10. Perez-Jolles M, Haynes-Maslow L, **Roberts MC**, Dusetzina S. *Mental health service use by race and ethnicity for adult patients with and without co-occurring chronic health care needs, 2007-2010*. AcademyHealth Annual Research Meeting, San Diego, CA, June 2014.

### **Published Presentation Abstracts**

#### **Poster**

1. Roberts MC, **Srinivasan S**, Klein W, Samimi G, Minasian L, Loud J, Silver MI. *Association of Provider Type and Receipt of Preventive Health Services Among Women Who Received Genetic Testing for Breast Cancer Risk Assessment in The Health of Women (HOW) Study®*. American Society for Preventive Oncology. March 2020
2. Kelley, D.E., Seaman, E.L., **Roberts, M.C.**, Han, P.J., Katki, H.A., Klein, W.P. *Optimizing Visual Depictions of Risk in the Context of Lung Cancer Screening: A Mixed Methods Approach*. 41<sup>st</sup> Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA. April 2020
3. **Roberts MC**, Spees LP, Freedman AN, Klein WMP, Prabhu Das I, Butler E, de Moor J. "US Oncologists' Reasons for not Using Next Generation Sequencing" has been accepted as a poster presentation at the 41st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA. April 2020.
4. **Allen, C.G.**, Haardörfer, R., Roberts, M., McBride, C.M. (2019, March). The Role of Cancer Media Exposure on Perceived Cancer Risk, Worry, and Control: A Multilevel Assessment, Society of Behavioral Medicine, Washington, DC.
5. **Allen, C.G.**, Roberts, M.C., Andersen, B., (2019, March). Too Direct?: A Content Analysis of Direct to Consumer Social Media Tweets, Society of Behavioral Medicine, Washington, DC. *Selected as Featured Abstract of interest to the public.*
6. Bowen D, **Roberts MC**, Rahm A. Application of an implementation model to cascade testing in families. AcademyHealth Annual Conference on the Science of Dissemination and Implementation in Health. Washington DC, December 2018.
7. **Allen, C.G.**, Guan, Y., Roberts, M.C. (2018, November). The Role of Familial Cancer Risk on Predictors of Genetic Testing and Counseling for Hereditary Breast and Ovarian Cancer, National Society of Genetic Counselors Annual Meeting, Atlanta, GA.
8. Roberts, M.C., **Allen, C.G.**, Andersen, B. (2018, September). Too Direct?: A Content Analysis of Social Media Conversations about 23&Me in the Era of Direct-to-Consumer Testing, 2018 National Conference on Health Communication, Marketing, and Media, Atlanta, GA.

9. **Roberts MC**, Murphy T, Moss JL, Wheldon CW, Psek W. State health policies and uptake of human papillomavirus (HPV) vaccine: A fuzzy-set qualitative comparative analysis. AcademyHealth Annual Research meeting. Seattle WA, June 2018.
10. **Roberts MC**, Ferrer RA, Rendle KA, Kobrin SC, Taplin SH, Hesse BW, Klein WM. Lay Beliefs about the Accuracy and Value of Cancer Screening: Findings from the National Cancer Institute's Health Information National Trends Survey. American Society of Preventive Oncology Annual Meeting. New York NY, March 2018.
11. **Roberts MC**, Loud JT, Klein WM, Silver MI. Provider practice and compliance with NCCN clinical guidelines for *BRCA1/2* testing: Findings from the Dr. Susan Love Research Foundation's The Health of Women Study®. AACR San Antonio Breast Cancer Symposium, San Antonio Texas, December 2017.
12. Allen CG, Andersen B, Chambers D, Groshek J, **Roberts MC**. Twitter Use at the 2016 Conference on the Science of Dissemination and Implementation in Health: Analyzing #DIScience16. AcademyHealth Conference on the Science of Dissemination and Implementation in Health, Arlington, VA, December 2017.
13. Wheldon CW, **Roberts MC**, Boehmer U. Mental adjustment and coping with breast cancer by sexual orientation and age at diagnosis: The resilience of younger sexual minority women. Annual Meeting of the American Public Health Association. Atlanta, GA, November 2017.
14. Shak S, **Roberts MC**, Miller DP, McCullough D, Kurian AW, Petkov VI. Breast cancer specific survival in young women <40 years with node-negative luminal breast cancer treated based on tumor gene expression. European Society for Medical Oncology 2017 Congress, Madrid Spain, September 2017.
15. Wheldon CW, **Roberts MC**, Boehmer U. Differences in sexual functioning outcomes between lesbian, bisexual, and heterosexual female breast cancer survivors. American Association for Cancer Research Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Atlanta GA, September 2017.
16. **Roberts MC**, Kurian AW, Petkov VI. Factors associated with the receipt of 21-gene assay among women with lymph node positive breast cancer. ASCO Annual Meeting, Chicago, IL, June 2017.

17. Petkov CI, Miller DP, **Roberts MC**, Kurian AW, Shak S. Young Women with Node Negative Luminal Breast Cancer (BC) Have Excellent 5 Year BC Specific Survival (BCSS) with Favorable Biology as Defined by the 21-Gene Recurrence Score (RS) <18. ASCO Annual Meeting, June 2017.
18. **Roberts MC**, Dusetzina SB. Trends in BRCA Test Uptake, Cost, and Subsequent Health Services Use. American Society of Preventive Oncology Annual Conference, Seattle, WA, March 2017.
19. **Roberts MC**, Wheeler SB, Dusetzina S, Dinan M, Reeder-Hayes K, Troester M, Carey L, Weinberger M. Racial variation in the use of Oncotype DX testing for women with early stage breast cancer. Symposium on Cancer Health Disparities, National Cancer Institute, Bethesda, MD, October 2016.
20. **Roberts MC**, Petkov V, Miller D, Shak S, Howlader N, Cronin K, Penberthy L. Breast cancer specific survival in patients with node positive hormone receptor, positive invasive breast cancer and Oncotype DX Recurrence Score results in the SEER database. ASCO Annual Meeting, Chicago, IL, June 2016.
21. **Roberts MC**, Dusetzina SB. The effect of celebrity health disclosures on demand for health care: trends in BRCA testing in 2013 and subsequent health services use. ASCO Annual Meeting, June 2016.
22. Reeder-Hayes KE, **Roberts MC**, Dees C. Decision making and informed consent among participants in novel phase 1 trial designs. ASCO Annual Meeting, June 2016.
23. Machta R, Weinberger M, **Roberts MC**, Pignone M, Toles M, Shea C, Holmes M. Frontline perspectives on the implementation and delivery of hospital strategies to reduce readmissions. Science of Dissemination and Implementation, Washington D.C., December 2015.
24. **Roberts MC**, Bryson A, Weinberger M, Reeder-Hayes K, Dinan M., Dusetzina SB, Wheeler SB. Providers' beliefs about barriers and facilitators for using Oncotype DX in the care of breast cancer patients: a qualitative study. AcademyHealth Annual Research Meeting, Minneapolis, MN, June 2015.
25. Wheeler S, **Roberts MC**, Bloom D, Reeder-Hayes KE, Peppercorn JM, Golin C, Earp JA. Oncology providers' perspectives on endocrine therapy prescribing and management. ASCO Annual Meeting, Chicago, IL, May 2015.

26. **Roberts MC**, Wheeler SB, Reeder-Hayes K, Dinan M., Dusetzina SB, Olshan A, Troester M, Carey L, Weinberger M. Racial variation in the uptake of a 21-tumor gene assay in the North Carolina Breast Cancer Study cohort. AACR Science of Health Disparities Meeting, San Antonio, TX, November 2014.
27. **Roberts MC**, Dusetzina, S. Trends in the utilization and costs for genetic testing among women with breast cancer. AcademyHealth, Annual Research Meeting, San Diego, CA, June 2014.
28. Wheeler S, Reeder-Hayes K, **Roberts MC**, Bloom D, Peppercorn J, Earp JA, Golin C, Weinberger M. Understanding barriers and facilitators to endocrine therapy use: a qualitative study of racially diverse breast cancer patients and providers. AcademyHealth, Annual Research Meeting, San Diego, CA, June 2014.

### **Invited presentations:**

#### **Oral**

- 2019 Speaker, *Understanding Breast Cancer Disparities in African American Women*, Women of Color Interest Group, GlaxoSmithKline, Lunch & Learn Series. online webinar.
- 2019 Speaker, *Implementation Science in Polygenic Risk Scores Research in Cancer*, Complex Disease Working Group. NIH ClinGen, online webinar.
- 2018 Workshop Panelist and Speaker, *Cascade Screening for Hereditary Conditions: Barriers, Policy Considerations, and Future Needs*, Reducing the Population Burden of Familial Hypercholesterolemia (FH): A Prototype for Translation Research and Implementation Science in Genomics and Precision Medicine, NHLBI, NIH, Bethesda MD.
- 2018 Invited Guest Lecturer, *Health Disparities in Implementation of Genomic Medicine: Challenges and Opportunities*, Public Health Genomics Seminar Series, CDC, Atlanta GA.
- 2017 Invited Guest Lecturer, *Applying Implementation Science to Precision Medicine: An Example in Breast Cancer Treatment*, Division of Pharmacotherapy and Experimental Therapeutics Cross-Divisional Seminar, UNC Eshelman School of Pharmacy, Chapel Hill, NC.
- 2017 Invited Guest Lecturer, *Applications of Implementation Science Methods in Precision Medicine Research*. Health Research Seminar Series, RAND, Washington, D.C.

- 2015 Invited Guest Lecturer, *Careers in Public Health* [undergraduate level], Health Studies Certificate Program, Dickinson College, Carlisle, PA
- 2015 *Invited Guest Lecturer, Racial Disparities among Breast Cancer Patients in the Era of Precision Medicine* [undergraduate level], *Biology Department Seminar, Dickinson College, Carlisle, PA*
- 2015 *Invited Visiting Professor, The Promise of Precision Medicine: Implications for cancer care quality and outcomes* [undergraduate level], *Alpha Epsilon Delta (Pre-Health Society Seminar), University of North Carolina, Chapel Hill, NC*
- 2014 Teaching Assistant, HPM 762: *Quality of Care* [graduate level], Health Policy and Management, University of North Carolina, Gillings School of Global Public Health, Chapel Hill, NC [Course Instructor: Morris Weinberger, PhD]
- 2014 Guest Lecturer, *Health Disparities in Health Care Quality* [graduate level], Health Policy and Management, University of North Carolina, Gillings School of Global Public Health, Chapel Hill, NC
- 2013 Invited Panelist, *Health Occupation Student Association (HOSA) Graduate Panel* [undergraduate level], University of North Carolina, Chapel Hill, NC
- 2013 Invited Guest Lecturer and Panelist, *Fall Graduate Program Open House, Student Research Panel* [graduate level], University of North Carolina, Gillings School of Global Public Health, Chapel Hill, NC

### **TEACHING EXPERIENCE**

<b>Term</b>	<b>Course (Number, Title, Type)</b>	<b>Role</b>
Spring 2020	PHRS815 <i>Foundations in Implementation Science: Examples in Precision Health and Society</i> , [PharmD and graduate; 8 week course], Eshelman School of Pharmacy, Chapel Hill, NC	Lead Instructor
Fall 2019	DPOP 899 Division Seminar, <i>Improving Access to Genetic Testing through Implementation Science</i> . Division of Pharmaceutical Outcomes and Policy, Eshelman School of Pharmacy, Chapel Hill, NC	Invited Guest Lecturer
Fall 2019	HBEH/HPM 765 Cancer Prevention and Control, <i>Improving Access to Genetic Testing through Implementation Science</i> . UNC Gillings School of Global Public Health	Invited Guest Lecturer

Summer 2019	Research Issues in Genetic Counselling. <i>Implementation Science in Genetic Counselling</i> . Masters of Genetic Counselling, The University of Technology, Sydney (Australia)	Invited Guest Lecturer
Spring 2019	DPOP 870 Pharmaceutical Outcomes and Research Methods, <i>Defining, Measuring and Addressing Health Disparities: Examples in Genomic Medicine</i> , Division of Pharmaceutical Outcomes and Policy, Eshelman School of Pharmacy, Chapel Hill, NC	Invited Guest Lecturer
Spring 2019	PACE 825 Health System Pharmacy Residency Mater's Program, <i>An Introduction to Implementation Science</i> , UNC Eshelman School of Pharmacy, Chapel Hill, NC	Invited Guest Lecturer
Fall 2018-2019	[Course Development] <i>Foundations in Implementation Science: Examples in Precision Health and Society</i> , [PharmD and graduate; 8 week course], Eshelman School of Pharmacy, Chapel Hill, NC	Lead Instructor
Inter-session 2017	<i>Applications of Precision Medicine in Public Health</i> [undergraduate level; short course], Public Health Studies, Johns Hopkins University, Baltimore, MD	Lead Co-Instructor
2017	<i>Applying Implementation Science to Precision Medicine: An Example in Breast Cancer Treatment</i> , Division of Pharmacotherapy and Experimental Therapeutics Cross-Divisional Seminar, UNC Eshelman School of Pharmacy, Chapel Hill, NC	Invited Guest Lecturer
2017	Applications of Implementation Science Methods in Precision Medicine Research. Health Research Seminar Series, RAND, Washington, D.C.	Invited Guest Lecture
2015	<i>Careers in Public Health</i> [undergraduate level], Health Studies Certificate Program, Dickinson College, Carlisle, PA	Invited Guest Lecturer
2015	<i>Racial Disparities among Breast Cancer Patients in the Era of Precision Medicine</i> [undergraduate level], <i>Biology Department Seminar</i> , Dickinson College, Carlisle, PA	Invited Guest Lecturer
2015	<i>The Promise of Precision Medicine: Implications for cancer care quality and outcomes</i> [undergraduate level], <i>Alpha Epsilon Delta (Pre-Health Society Seminar)</i> , University of North Carolina, Chapel Hill, NC	Invited Visiting Professor
2104	HPM 762: <i>Quality of Care</i> [graduate level], Health Policy and Management, University of North Carolina, Gillings School of Global Public Health, Chapel Hill, NC [Course Instructor: Morris Weinberger, PhD]	Teaching Assistant

2014	<i>Health Disparities in Health Care Quality</i> [graduate level], Health Policy and Management, University of North Carolina, Gillings School of Global Public Health, Chapel Hill, NC	Guest Lecturer
2013	<i>Occupation Student Association (HOSA) Graduate Panel</i> [undergraduate level], University of North Carolina, Chapel Hill, NC	Invited Panelist
Fall 2013	<i>Graduate Program Open House, Student Research Panel</i> [graduate level], University of North Carolina, Gillings School of Global Public Health, Chapel Hill, NC	Invited Guest Lecturer and Panelist

### **Survey Development**

- 2016 Contributor for Survey Development, Healthcare Access and Utilization Module, Precision Medicine Initiative Content Module Development Team, Precision Medicine Initiative Cohort Study, National Institutes of Health, Bethesda, MD
- 2013-2015 Contributor for Survey Development, Carolina Breast Cancer Study Phase III, Year 5 Follow-up Survey Committee, University of North Carolina, Chapel Hill, NC

**GRANTS:** (Role, Total Direct Grant Amount, Percent Effort, Agency, Dates, etc)

### **Research Grants**

#### **Funded (Active)**

<b>Role</b>	<b>Title</b>	<b>Total Direct Amount (FTE if available)</b>	<b>Percent Effort</b>	<b>Agency</b>	<b>Dates</b>
KL2 Scholar	Gene Orringer Junior Faculty Career Development Program (TRACS KL2) “Overcoming barriers to the uptake of cascade screening for Lynch Syndrome.”		0.75 FTE per year, 3 years	National Institutes of Health	2018-present



Site-PI	Understanding chronic pain and long-term opioid use among cancer survivors	\$143000	.05 FTE per year, one year	The Duke Endowment	2019-present
PI	Linking medical record and claims data to better understand cancer outcomes within the UNC health care system.	\$50,000	N/A	Lineberger Comprehensive Cancer Center	2019-present

**Funded (Completed)**

<b>Role</b>	<b>Title</b>	<b>Total Direct Amount (FTE if available)</b>	<b>Percent Effort</b>	<b>Agency</b>	<b>Dates</b>
Co-Principal Investigator	Collaborative Research Award for Fellows in Training. "Assessing the usability and perceptions of visual risk formats in the Risk-based NLST Outcomes Tool (RNOT)."	\$12869	0.00 FTE	National Cancer Institute	2018-present
Co-Principal Investigator	Trans-Fellowship Research Award, "Understanding the Delivery of BRCA1/2 Testing: Impact on Preventive Health Services and Patient-reported Outcomes."	\$15000	0.00 FTE	National Cancer Institute.	2016-2017

Co-Principal Investigator	Trans-Fellowship Research Award “Screening practices and breast cancer diagnosis among women with a family history of breast cancer.”	\$15000	0.00 FTE	National Cancer Institute	2017-present
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**PROFESSIONAL SERVICE:**

**Memberships and Positions Held in Professional Organizations**

<b>Organization</b>	<b>Role</b>	<b>Dates</b>
National Academies of Sciences, Engineering, and Medicine, <i>ad hoc</i> activity of the Roundtable on Genomics and Precision Health, case study group focused on HBOC and Lynch syndrome	Invited Meeting Participant	2019
UNC Cecil G Sheps Center for Health Services Research, Chapel Hill, NC	Fellow	2018-present
UNC Lineberger Comprehensive Cancer Center, Cancer Prevention and Control, Chapel Hill, NC	Full Member	2018-present
Cascade Screening Working Group, Genomics and Population Health Action Collaborative, The National Academies of Sciences Engineering Medicine, Washington D.C.	Sub-group Lead	2017-present
Fellows Advisory Board, Cancer Prevention Fellowship Program, National Cancer Institute, Rockville, MD	Co-Chair	2016-2017
Committee, Department of Health Policy and Management, University of North Carolina Gillings School of Global Public Health, Chapel Hill, NC	PhD Cohort Representative and Committee Member	2011-2015
Faculty Search Committee Health Economics Tenure-track Faculty Position, Department of Health Policy and Management, University of North Carolina Gillings School of Global Public Health, Chapel Hill, NC	Student Representative and Committee Member	2013
Health Policy and Management Student Council, Department of Health Policy and Management, University of North Carolina Gillings School of Global Public Health, Chapel Hill, NC	PhD Program Representative	2011-2012
The content and instructional support to all Teach for America corps members in Eastern North Carolina Region), Teach for America, Durham, NC	High School Science Content Learning Community Leader	2010-2011
Earth Science (coordinated content resources and quality improvement strategies for students learning throughout	Professional Learning Community Leader	2008-2009

Earth/Environmental Science classrooms in Southern High School), Durham Public Schools, Durham, NC		
Bonner Steering Committee, Bonner Scholars Program, Davidson College, Davidson, NC	2007 Bonner Scholar Class Representative and Grant Reviewer	2003-2007

**PROFESSIONAL AND HONORARY ORGANIZATION MEMBERSHIPS:**

**Consultations**

<b>Organization/Project</b>	<b>Role</b>	<b>Dates</b>
American Public Health Association	Member	2018-Present
American Association of Colleges of Pharmacy	Member	2018-Present
American Society of Clinical Oncology	Member	2017-Present
American Association for Cancer Research	Member	2013-Present
AcademyHealth	Member	2014-Present

**EDITORIAL ACTIVITIES**

**Editorial Service**

Ad Hoc Reviewer:

- 2014- *International Journal of Environmental Research and Public Health* (3)
- 2015- *Molecular Diagnosis and Therapy*
- 2016- *Cancer Causes and Control*
- 2017- *Breast Cancer: Targets and Therapy*
- 2016- *Journal of Women’s Health*
- 2016- *Medical Care*
- 2017- *Cancer Causes and Control*
- 2018- *JAMA-Oncology* (3)
- 2018- *Cancer* (2)
- 2018- *European Journal of Human Genetics*
- 2018- *Genetics in Medicine*
- 2018- *Journal of the National Comprehensive Cancer Network*
- 2018- *Medical Care*
- 2018- *Familial Cancer*
- 2018- *BMC Medicine*
- 2019- *BMC Medicine*
- 2019- *Personalized Medicine*
- 2019- *International Journal of Environmental Research and Public Health* (2)
- 2019- *Journal of Genetic Counseling*
- 2019- *Vaccine*
- 2019- *Genetics in Medicine*

2019- *Cancer*  
 2019- *Nutrients (2)*  
 2019- *Public Health Reports*  
 2020- *Clinical Breast Cancer (1)*  
 2020- *Pharmacogenomics and Personalized Medicine*

**PROFESSIONAL SERVICE:**

**UNIVERSITY SERVICE**

<b>Committee</b>	<b>Role</b>	<b>Dates</b>
UNC Protocol Review Committee for Population Sciences	Reviewer	2020-present
UNC Faculty Council	Elected, Member	2019-present
UNC Eshelman School of Pharmacy, Global Engagement Committee	Committee Member	2019-present
Committee on Diversity and Inclusion, Department of Health Policy and Management, University of North Carolina Gillings School of Global Public Health, Chapel Hill, NC	Committee Member	2012-2015

**Other Professional Service**

<b>Organization/Activity</b>	<b>Role</b>	<b>Dates</b>
<i>Ad hoc</i> study section: U01 RFA-CA-19-001 and RFA-CA-19-017, National Institutes of Health, Bethesda, MD	Reviewer, sub-chair	2019
Complex Disease Working Group, ClinGen, National Institutes of Health, Bethesda, MD	Member	2018-present
Implementation Working Group, Genomics and Population Health Action Collaborative, The National Academies of Sciences Engineering Medicine, Washington D.C.	Member	2017-2019
Precision Medicine Interest Group, Division of Cancer Control and Population Sciences, National Cancer Institute, Rockville, MD	Member	2016-2018
Employment Outcomes Committee, Healthcare Delivery Research Program, National Cancer Institute, Rockville, MD	Planning Committee Member	2016-2018
Grant Writing Fellows Advisory Board Sub-Committee, Cancer Prevention Fellowship Program, National Cancer Institute, Rockville, MD	Committee Member	2015-2018

Fellows Advisory Board, Cancer Prevention Fellowship Program, National Cancer Institute, Rockville, MD	Committee Member	2015-2018
Science Policy Discussion Group, National Institutes of Health, Bethesda, MD	Group Member	2015-2016