

Stephanie Brooke Wheeler, PhD MPH

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PERSONAL:

Research Interests

Use of mathematical modeling and systems science to address complex health services and policy questions; cost-effectiveness and comparative effectiveness; health disparities; 'big data' linkages and analytics; cancer care delivery and outcomes research; cancer care cost and value; medical decision making; sexual/reproductive health

Teaching Interests

Decision analytic modeling; cost-effectiveness and comparative effectiveness research; operations research; advanced data analytics; research design; foundations of health services research; cancer disparities

EDUCATION:

Doctor of Philosophy, **University of North Carolina at Chapel Hill**, Gillings School of Global Public Health, Health Policy and Management. Dissertation title: "A closer look: Health services structure and organization, health disparities, and receipt of high quality breast cancer treatment". Concentration/Minor in Decision Sciences Modeling (May 2010)

Masters of Public Health (*Honors Distinction*), **University of Cape Town (South Africa)**, School of Public Health and Family Medicine. Thesis title: "Attitudes and intentions of future health care providers regarding termination of pregnancy (TOP) services in South Africa" (June 2007)

Bachelors of Science in Biology (*Magna Cum Laude with Departmental Honors*), **College of Charleston (South Carolina), Honors College**, School of Science and Math. Bachelors Essay title: "Inducible Nitric Oxide Synthase (iNOS) Presentation in Systemic Lupus Patients". Cumulative GPA: 3.9/4.0 (May 2003)

Bachelors of Arts in Theatre (*Magna Cum Laude with Departmental Honors*), **College of Charleston (South Carolina), Honors College**, School of the Arts. Cumulative GPA: 3.9/4.0 (May 2003)

High School Honors Diploma, **South Carolina Residential Governor's School of Science and Mathematics**. Cumulative GPA: 3.92/4.0 (May 1999)

PROFESSIONAL EXPERIENCE:

Academic/Research/Leadership

May 2019-current, Professor with Tenure, Health Policy and Management, **University of North Carolina at Chapel Hill**.

February 2019-current, Associate Director of Community Outreach and Engagement, Lineberger Comprehensive Cancer Center, **University of North Carolina at Chapel Hill**.

May 2016-May 2019, Associate Professor with Tenure, Health Policy and Management, **University of North Carolina at Chapel Hill**.

September 2016-current, Program Co-Director/Principal Investigator (PI) of the Cancer Care Quality Training Program (CCQTP), Health Policy and Management, **University of North Carolina at Chapel Hill**. This National Cancer Institute (NCI)-funded T32 fellowship supports and trains 6 cancer outcomes researchers per year in pre- and post-doctoral positions.

May 2016-current. Program Director/PI of the Cancer Prevention and Control Research Network (CPCRN) Coordinating Center, Lineberger Comprehensive Cancer Center, **University of North Carolina at Chapel Hill**. This Centers for Disease Control and Prevention (CDC)- and NCI-funded research network supports cross-center research collaboration among 8 institutions nationally to advance the science and practice of dissemination and implementation in cancer prevention and control.

November 2015-current, Program Co-Director/PI of the Geographic Management of Cancer Health Disparities Program (GMAP) Region 1 South, Lineberger Comprehensive Cancer Center, **University of North Carolina at Chapel Hill**. This NCI Center to Reduce Cancer Health Disparities (CRCHD)-funded program is designed to facilitate collaboration, resource-sharing, and capacity-building among cancer health equity researchers, trainees, outreach workers and organizations, with a focus on the North Carolina, South Carolina and Tennessee region.

May 2010-May 2016, Assistant Professor, tenure-track, Health Policy and Management, **University of North Carolina at Chapel Hill**.

May 2010-current, Associate Member, Lineberger Comprehensive Cancer Center, Cancer Prevention and Control, **University of North Carolina at Chapel Hill**.

May 2010-current, Faculty Researcher, Cecil G Sheps Center for Health Services Research, **University of North Carolina at Chapel Hill**.

May 2011-current, Faculty Research Fellow, Center for Health Promotion and Disease Prevention, **University of North Carolina at Chapel Hill**.

Oct 2011-Oct 2014, Carolina Community Network (CCN II) Cancer Health Disparities Trainee, Center for Health Promotion and Disease Prevention, **University of North Carolina at Chapel Hill**. This NCI-funded cooperative agreement was designed to engage early-career faculty trainees and the community via community-based participatory research to address racial disparities in cancer care and outcomes.

August 2008-May 2010, Pre-doctoral Trainee, Ruth L Kirschstein National Research Service Award (NRSA), Cecil G. Sheps Center for Health Services Research, **University of North Carolina at Chapel Hill**. Training Program Director: Timothy Carey. This Agency for Healthcare Research (AHRQ)-funded fellowship supports and trains health services researchers in pre-doctoral and post-doctoral positions.

August 2009-May 2010, Research Assistant, Health Policy and Management, **University of North Carolina at Chapel Hill**. PIs: Bryan Weiner and Bill Carpenter. Assisted with writing and submitting data requests, cleaning and analyzing claims data, and preparing manuscripts for breast cancer outcomes research.

May 2008-May 2009, Research Assistant, Health Policy and Management, **University of North Carolina at Chapel Hill**. PI: Andrea Biddle. Assisted with analysis and economic evaluation for Family Ties smoking cessation study in collaboration with Duke University and the Durham VA Medical Center.

May 2007-May 2009 (intermittent), Research Assistant and Instructor, Departments of Health Administration and Policy, and Biometry, Biostatistics, and Epidemiology, **Medical University of South Carolina**. Assisted Dr. Kit Simpson with discrete event simulation model design, parameterization, literature review, and manuscript writing for smoking cessation study in collaboration with industrial engineering researchers (including Dr. Maria Mayorga) at Clemson University. Also assisted with teaching in the Doctoral program, Masters program, and Southeastern Pre-doctoral Training in Clinical Research (SPTCR) program (directed by Dr. Barbara Tilley).

August 2007-January 2009, Research Fellow, **Family Health International (FHI)**, Applied Research Division, Health Services Research, Research Triangle Park, North Carolina. PIs: Theresa Hatzell Hoke and Jessica Price. Assisted with pilot study and scale-up of community-based distribution of depot medroxyprogesterone acetate (DMPA) in Madagascar, analysis of qualitative and quantitative data for the HIV/AIDS Prevention with Positives study in Rwanda, conducting literature reviews, and writing internal reports and manuscripts.

May 2007-July 2007, Research Intern, **Malawi Children's Village (MCV)**, Mangochi, Malawi. Collected primary data and set up a clinic database for MCV administrative use for MCV stakeholders Malawi.

August 2006-May 2007, Research Assistant, Health Policy and Management, **University of North Carolina at Chapel Hill**. PI: Andrea Biddle. Assisted with projects related to economic evaluation (topics: female sexual dysfunction, menopause and depression; cost-effectiveness of treated bed-nets for malaria prevention in HIV-positive pregnant women in the Democratic Republic of Congo; and cost-effectiveness of orthodontic treatment).

October 2004-February 2005, Program Assistant, School of Public Health, **University of Cape Town**. Assisted with Masters of Public Health program admissions, curriculum planning, and program management.

Other work experience

June 2005-August 2006, Trader/Registered Securities Representative and Analyst, **Automated Trading Desk (ATD)**, Charleston, South Carolina. Passed NASD Series 7, 55, and 63 exams in Securities/Equities Trading; Certified by NASD and Securities Exchange Commission as a Registered Representative (2005).

HONORS/AWARDS:

Honors College Distinguished Alumna Award, Honors College at the College of Charleston (2020)

Mentored Training for Dissemination and Implementation Research in Cancer (MT-DIRC) Fellowship, Washington University in St. Louis (2017-2018)

Philip and Ruth Hettleman Prize for Artistic and Scholarly Achievement by Young Faculty, University of North Carolina at Chapel Hill (2017)

Distinguished Alumna Award, College of Charleston (2017)

Early Career Public Health Research Award, Association of Schools and Programs of Public Health (2017)

Merit Award, Conquer Cancer Foundation/American Society of Clinical Oncology (ASCO) (2015)

Jean G. Yates Outstanding Doctoral Student Award, Health Policy and Management Annual Awards Ceremony, University of North Carolina at Chapel Hill (2010)

Delta Omega National Honorary Society Award for Academic Excellence, Theta Chapter (2010)

Pre-Doctoral Fellowship in Health Services Research, Cecil G Sheps Center for Health Services Research, AHRQ-funded National Research Service Award, University of North Carolina at Chapel Hill (2008-2010)

Most Outstanding Abstract Award, AcademyHealth Annual Research Meeting (2009)

Harry T. Phillips Award for Outstanding Teaching by a Doctoral Student, Health Policy and Management Annual Awards Ceremony, University of North Carolina at Chapel Hill (2009)

Passed Doctoral Qualifying Exams with *Honors Distinction*, Health Policy and Management, University of North Carolina at Chapel Hill (2008)

Center for Discrete Mathematics and Theoretical Computer Science Advanced Study Institute (2009)

Mathematical Biology Modeling Travel Award, Fondation Merieux, France (2008)

Student Assembly Scholarship, American Public Health Association (APHA) (2008)

International Travel Award, Health Policy and Management, Malawi (2007)

Academic Merit Fellowship, University of North Carolina at Chapel Hill Graduate School (2006-2007)

Rotary International Ambassadorial Academic Fellowship (2004-2005)

Graduated Magna cum Laude from the Honors College at the College of Charleston with **Departmental Honors** in Biology and in Theatre (2003)

Outstanding Student Award in Biology, College of Charleston (2003)

Golden Key National Honors Society, College of Charleston (inducted in 2003)

Phi Kappa Phi Honors Fraternity, College of Charleston (inducted in 2003)

Palmetto Fellows Scholar, College of Charleston (1999-2003)

Presidential Scholar, College of Charleston (1999-2003)

BIBLIOGRAPHY (+ denotes student/mentee; ++ denotes primary advisor to student/mentee on project):

Book chapters

Stephanie B Wheeler. "Chapter 10. Organization- and system-level factors influencing implementation: Overview of case studies." *Advancing the Science of Implementation across the Cancer Continuum*. 2018. Invited book chapter. Eds: David A Chambers, Cynthia A Vinson, Wynne E Norton. Oxford University Press: New York, NY. Pgs 191-195.

Reeder-Hayes, Katherine E, **Stephanie B Wheeler**, and Lisa A Carey. "Chapter 86: Breast cancer in minority women." *Diseases of the Breast, 5th ed.* 2014. Invited book chapter. Eds: Jay R Harris, Marc E Lippman, Monica Morrow, C Kent Osborne. Wolters Kluwer Health: Philadelphia, PA. Pgs. 1112-1126.

Peer-reviewed publications

1. **Wheeler SB**, O'Leary MC++, Rhode J, Yang JY, Drechsel R, Plescia M, Reuland DS, Brenner AT. Comparative Cost Effectiveness of Mailed Fecal Immunochemical Testing (FIT)-Based Interventions for Increasing Colorectal Cancer Screening in the Medicaid Population. *Cancer*. Accepted. In press.
2. Plotkin M++, George J, Bundala F, Tibaijuka G, Njonge L, Lemwayi R, Drake M, Bishanga D, Rawlins B, Ramaswamy R, Singh K, **Wheeler S**. Scale-Up of Doppler to Improve Intrapartum Fetal Heart Rate Monitoring in Tanzania: A Qualitative Assessment of National and Regional/District Level Implementation Factors. *Int J Environ Res Public Health*. 2020;17(6):1931. Published 2020 Mar 16. doi:10.3390/ijerph17061931
3. Islam JY+, Mutua MM, Kabare E, Manguro G, Hudgens MG, Poole C, Olshan AF, **Wheeler SB**, McClelland RS, Smith JS. High-risk Human Papillomavirus Messenger RNA Testing in Wet and Dry Self-collected Specimens for High-grade Cervical Lesion Detection in Mombasa, Kenya. *Sex Transm Dis*. 2020 Jul;47(7):464-472. doi: 10.1097/OLQ.0000000000001167. PMID: 32168174.
4. Schaffer EM+, Gonzalez JM, **Wheeler SB**, Kwarisiima D, Chamie G, Thirumurthy H. Promoting HIV Testing by Men: A Discrete Choice Experiment to Elicit Preferences and Predict Uptake of Community-based Testing in Uganda. *Appl Health Econ Health Policy*. 2020 Jun;18(3):413-432. doi: 10.1007/s40258-019-00549-5. PMID: 31981135.
5. Spencer JC, Rotter JS, Eberth JM, Zahnd WE, Vanderpool RC, Ko LK, Davis MM, Troester MA, Olshan AF, **Wheeler SB**. Employment Changes Following Breast Cancer Diagnosis: The Effects of Race and Place. *J Natl Cancer Inst*. 2020 Jun 1;112(6):647-650. doi: 10.1093/jnci/djz197. PMID: 31599949.
6. Biddell CB+, O'Leary MC++, **Wheeler SB**, Spees LP++. Variation in Cervical Cancer Screening Preferences Among Medically Underserved Individuals in the United States: A Systematic Review. *Cancer Epidemiol Biomarkers Prev*. 2020 May 26. doi: 10.1158/1055-9965.EPI-20-0306. Online ahead of print. PMID: 32457182 Review.
7. Lund JL, Gupta P, Amin KB, Meng K, Urick BY, Reeder-Hayes KE, Farley JF, **Wheeler SB**, Spees L, Trogdon JG. Changes in chronic medication adherence in older adults with cancer versus matched cancer-free cohorts. *J Geriatr Oncol*. 2020 May 15:S1879-4068(20)30042-4. doi: 10.1016/j.jgo.2020.04.012. Online ahead of print. PMID: 32423699
8. Lancaster KE, Lungu T, Bula A, Shea JM, Shoben A, Hosseinipour MC, Kohler RE, Hoffman IF, Go VF, Golin CE, **Wheeler SB**, Miller WC. Preferences for Pre-exposure Prophylaxis Service Delivery Among Female Sex

- Workers in Malawi: A Discrete Choice Experiment. *AIDS Behav.* 2020 May;24(5):1294-1303. doi: 10.1007/s10461-019-02705-3. PMID: 31720955 Review.
9. Trogdon JG, Baggett CD, Gogate A, Reeder-Hayes KE, Rotter J, Zhou X, Ekwueme DU, Fairley TL, **Wheeler SB**. Medical costs associated with metastatic breast cancer in younger, midlife, and older women. *Breast Cancer Res Treat.* 2020 Jun;181(3):653-665. doi: 10.1007/s10549-020-05654-x. Epub 2020 Apr 28. PMID: 32346820.
 10. Spencer JC+, Reeve BB, Troester MA, **Wheeler SB**. Factors Associated with Endocrine Therapy Non-Adherence in Breast Cancer Survivors. *Psychooncology.* 2020 Apr;29(4):647-654. doi: 10.1002/pon.5289. Epub 2020 Feb 11. PMID: 32048400.
 11. Powell Wizdom, Leah Frerichs, Rachel Townsley, Maria Mayorga, Jennifer Richmond+, Giselle Corbie-Smith, **Stephanie Wheeler**, Kristen Hassmiller Lich. The Potential Impact of the Affordable Care Act and Medicaid Expansion on Reducing Colorectal Cancer Screening Disparities in African American Males. *PLoS One* 2020 Jan 24;15(1):e0226942. doi: 10.1371/journal.pone.0226942. eCollection 2020.
 12. Mbah OM, Kinlaw AC, Trogdon JG, **Wheeler SB**, Samuel CA. The Affordable Care Act and Ethnic Disparities in Colorectal Cancer Screening. *Am J Prev Med.* 2020 Feb;58(2):175-181. doi: 10.1016/j.amepre.2019.09.002. PMID: 31959320.
 13. Plotkin M++, Kamala B, Ricca J, Fogarty L, Currie S, Kidanto H, **Wheeler SB**. Systematic review of Doppler for detecting intrapartum fetal heart abnormalities and measuring perinatal mortality in low- and middle-income countries. *Int J Gynaecol Obstet.* 2020 Feb;148(2):145-156. doi: 10.1002/ijgo.13014. Epub 2019 Dec 5. Review. PMID: 31646629.
 14. Schaffer EM+, Gonzalez JM, **Wheeler SB**, Kwarisiima D, Chamie G, Thirumurthy H. Promoting HIV Testing by Men: A Discrete Choice Experiment to Elicit Preferences and Predict Uptake of Community-based Testing in Uganda. *Appl Health Econ Health Policy.* 2020 Jan 25. doi: 10.1007/s40258-019-00549-5. [Epub ahead of print]. PMID: 31981135.
 15. Makau-Barasa LK, Greene S, Othieno-Abinya NA, **Wheeler SB**, Skinner A, Bennett AV. A review of Kenya's cancer policies to improve access to cancer testing and treatment in the country. *Health Res Policy Syst.* 2020 Jan 7;18(1):2. doi: 10.1186/s12961-019-0506-2. PMID: 31910868.
 16. Samuel CA, Spencer JC++, Rosenstein DL, Reeder-Hayes KE, Manning ML, Sellers JB, **Wheeler SB**. Racial differences in employment and cost-management behaviors in patients with metastatic breast cancer. *Breast Cancer Res Treat.* 2020 Jan;179(1):207-215. doi: 10.1007/s10549-019-05449-9. Epub 2019 Sep 25. PMID: 31555940
 17. Dong OM, **Wheeler SB**, Cruden G, Lee CR, Voora D, Dusetzina SB, Wiltshire T. Cost-Effectiveness of Multigene Pharmacogenetic Testing in Patients With Acute Coronary Syndrome After Percutaneous Coronary Intervention. *Value Health.* 2020 Jan;23(1):61-73. doi: 10.1016/j.jval.2019.08.002. Epub 2019 Sep 25. PMID: 31952675.
 18. Spees LP++, Des Marais AC, **Wheeler SB**, Hudgens MG, Doughty S, Brewer NT, Smith JS. Impact of human papillomavirus (HPV) self-collection on subsequent cervical cancer screening completion among under-screened US women: MyBodyMyTest-3 protocol for a randomized controlled trial. *Trials.* 2019 Dec 27;20(1):788. doi: 10.1186/s13063-019-3959-2. PMID: 31881928.
 19. Odahowski CL, Zahnd WE, Zgodic A, Edward JS, Hill LN, Davis MM, Perry CK, Shannon J, **Wheeler SB**, Vanderpool RC, Eberth JM. Financial hardship among rural cancer survivors: An analysis of the Medical Expenditure Panel Survey. *Prev Med.* 2019 Dec;129S:105881. doi: 10.1016/j.yjmed.2019.105881. Epub 2019 Nov 11. PMID: 31727380.
 20. Eberth JM, Zahnd WE, Adams SA, Friedman DB, **Wheeler SB**, Hébert JR. Mortality-to-incidence ratios by US Congressional District: Implications for epidemiologic, dissemination and implementation research, and public health policy. *Prev Med.* 2019 Dec;129S:105849. doi: 10.1016/j.yjmed.2019.105849. Epub 2019 Nov 1. PMID: 31679842.

21. Lich KH, O'Leary MC++, Nambiar S, Townsley RM, Mayorga ME, Hicklin K, Frerichs L, Shafer PR, Davis MM, **Wheeler SB**. Estimating the impact of insurance expansion on colorectal cancer and related costs in North Carolina: A population-level simulation analysis. *Prev Med*. 2019 Dec;129S:105847. doi: 10.1016/j.ypmed.2019.105847. Epub 2019 Oct 27. PMID: 31666187.
22. Davis MM, Nambiar S, Mayorga ME, Sullivan E, Hicklin K, O'Leary MC++, Dillon K, Hassmiller Lich K, Gu Y, Lind BK, **Wheeler SB**. Mailed FIT (fecal immunochemical test), navigation or patient reminders? Using microsimulation to inform selection of interventions to increase colorectal cancer screening in Medicaid enrollees. *Prev Med*. 2019 Dec;129S:105836. doi: 10.1016/j.ypmed.2019.105836. Epub 2019 Oct 18. PMID: 31635848.
23. Zahnd WE, Davis MM, Rotter JS, Vanderpool RC, Perry CK, Shannon J, Ko LK, **Wheeler SB**, Odahowski CL, Farris PE, Eberth JM. Rural-urban differences in financial burden among cancer survivors: an analysis of a nationally representative survey. *Support Care Cancer*. 2019 Dec;27(12):4779-4786. doi: 10.1007/s00520-019-04742-z. Epub 2019 Apr 10. PMID: 30972645.
24. Mahendraratnam N+, Farley JF, Basch E, Proctor A, **Wheeler SB**, Dusetzina SB. Characterizing and assessing antiemetic underuse in patients initiating highly emetogenic chemotherapy. *Support Care Cancer*. 2019 Dec;27(12):4525-4534. doi: 10.1007/s00520-019-04730-3. Epub 2019 Mar 26. PMID: 30915567.
25. Reeder-Hayes KE, Mayer SE+, Olshan AF, **Wheeler SB**, Carey LA, Tse CK, Bell ME, Troester MA. Race and delays in breast cancer treatment across the care continuum in the Carolina Breast Cancer Study. *Cancer*. 2019 Nov 15;125(22):3985-3992. doi: 10.1002/cncr.32378. Epub 2019 Aug 9. PMID: 31398265.
26. Lancaster KE, Lungu T, Bula A, Shea JM, Shoben A, Hosseinipour MC, Kohler RE, Hoffman IF, Go VF, Golin CE, Wheeler SB, Miller WC. Preferences for Pre-exposure Prophylaxis Service Delivery Among Female Sex Workers in Malawi: A Discrete Choice Experiment. *AIDS Behav*. 2019 Nov 13. doi: 10.1007/s10461-019-02705-3. [Epub ahead of print]. PMID: 31720955.
27. James HJ, James TW, **Wheeler SB**, Spencer JC, Baron TH. Cost-effectiveness of endoscopic ultrasound-directed transgastric ERCP compared with device-assisted and laparoscopic-assisted ERCP in patients with Roux-en-Y anatomy. *Endoscopy*. 2019 Nov;51(11):1051-1058. doi: 10.1055/a-0938-3918. Epub 2019 Jun 26. PMID: 31242509.
28. Spencer JC++, Rotter JS++, Eberth JM, Zahnd WE, Vanderpool RC, Ko LK, Davis MM, Troester MA, Olshan AF, **Wheeler SB**. Employment changes following breast cancer diagnosis: the effects of race and place. *J Natl Cancer Inst*. 2019 Oct 10. pii: djz197. doi: 10.1093/jnci/djz197. [Epub ahead of print] PubMed PMID: 31599949.
29. Davis MM, Gunn R, Pham R, Wiser A, Lich KH, **Wheeler SB**, Coronado GD. Key Collaborative Factors When Medicaid Accountable Care Organizations Work With Primary Care Clinics to Improve Colorectal Cancer Screening: Relationships, Data, and Quality Improvement Infrastructure. *Prev Chronic Dis*. 2019 Aug 15;16:E107. doi: 10.5888/pcd16.180395. PubMed PMID: 31418685; PubMed Central PMCID: PMC6716418.
30. Rocque GB, Williams CP, Miller HD, Azuero A, **Wheeler SB**, Pisu M, Hull O, Rocconi RP, Kenzik KM. Impact of Travel Time on Health Care Costs and Resource Use by Phase of Care for Older Patients With Cancer. *J Clin Oncol*. 2019 Aug 1;37(22):1935-1945. doi: 10.1200/JCO.19.00175. Epub 2019 Jun 11. PMID: 31184952.
31. Greenup RA, Rushing C, Fish L, Campbell BM, Tolnitch L, Hyslop T, Peppercorn J, **Wheeler SB**, Zafar SY, Myers ER, Hwang ES. Financial Costs and Burden Related to Decisions for Breast Cancer Surgery. *J Oncol Pract*. 2019 Aug;15(8):e666-e676. doi: 10.1200/JOP.18.00796. Epub 2019 Jul 29. PubMed PMID: 31356147.
32. Georgieva MV++, **Wheeler SB**, Erim D+, Smith-Bindman R, Loo R, Ng C, Garg T, Raynor M, Nielsen ME. Comparison of the Harms, Advantages, and Costs Associated With Alternative Guidelines for the Evaluation of Hematuria. *JAMA Intern Med*. 2019 Jul 29. doi: 10.1001/jamainternmed.2019.2280. [Epub ahead of print] PubMed PMID: 31355874; PubMed Central PMCID: PMC6664383.

33. James HJ+, James TW, **Wheeler SB**, Spencer JC++, Baron TH. Cost-effectiveness of endoscopic ultrasound-directed transgastric ERCP compared with device-assisted and laparoscopic-assisted ERCP in patients with Roux-en-Y anatomy. *Endoscopy*. 2019 Jun 26. doi: 10.1055/a-0938-3918. [Epub ahead of print] PubMed PMID: 31242509.
34. Mitchell AP, Rotter JS++, Patel E, Richardson D, **Wheeler SB**, Basch E, Goldstein DA. Association Between Reimbursement Incentives and Physician Practice in Oncology: A Systematic Review. *JAMA Oncol*. 2019 Jun 1;5(6):893-899. doi: 10.1001/jamaoncol.2018.6196. PMID: 30605222.
35. O'Leary MC++, Lich KH, Gu Y, Wheeler SB, Coronado GD, Bartelmann SE, Lind BK, Mayorga ME, Davis MM. Colorectal cancer screening in newly insured Medicaid members: a review of concurrent federal and state policies. *BMC Health Serv Res*. 2019 May 9;19(1):298. doi: 10.1186/s12913-019-4113-2. PubMed PMID: 31072316; PubMed Central PMCID: PMC6509857.
36. Spees LP++, Brewster WR, Varia MA, Weinberger M, Baggett C, Zhou X, Petermann VM+, **Wheeler SB**. Examining Urban and Rural Differences in How Distance to Care Influences the Initiation and Completion of Treatment among Insured Cervical Cancer Patients. *Cancer Epidemiol Biomarkers Prev*. 2019 May;28(5):882-889. doi: 10.1158/1055-9965.EPI-18-0945. Epub 2019 Feb 7. PMID: 30733307.
37. **Wheeler SB**, Spencer J++, Pinheiro LC+, Murphy CC+, Earp JA, Carey L, Olshan A, Tse CK, Bell ME, Weinberger M, Reeder-Hayes KE. Endocrine Therapy Nonadherence and Discontinuation in Black and White Women. *J Natl Cancer Inst*. 2019 May 1;111(5):498-508. doi: 10.1093/jnci/djy136. PMID: 30239824.
38. Lund JL, Kuo TM, Brookhart MA, Meyer AM, Dalton AF, Kistler CE, **Wheeler SB**, Lewis CL. Development and validation of a 5-year mortality prediction model using regularized regression and Medicare data. *Pharmacoepidemiol Drug Saf*. 2019 May;28(5):584-592. doi: 10.1002/pds.4769. Epub 2019 Mar 19. PMID: 30891850.
39. Zahnd WE, Davis MM, Rotter JS++, Vanderpool RC, Perry CK, Shannon J, Ko LK, **Wheeler SB**, Odahowski CL+, Farris PE, Eberth JM. Rural-urban differences in financial burden among cancer survivors: an analysis of a nationally representative survey. *Support Care Cancer*. 2019 Apr 10. doi: 10.1007/s00520-019-04742-z. [Epub ahead of print] PubMed PMID: 30972645.
40. Gogate A++, Rotter JS++, Trogdon JG, Meng K, Baggett CD, Reeder-Hayes KE, Wheeler SB. An updated systematic review of the cost-effectiveness of therapies for metastatic breast cancer. *Breast Cancer Res Treat*. 2019 Apr;174(2):343-355. doi: 10.1007/s10549-018-05099-3. Epub 2019 Jan 2. Review. PubMed PMID: 30603995.
41. Rotter J++, Spencer JC++, **Wheeler SB**. Financial Toxicity in Advanced and Metastatic Cancer: Overburdened and Underprepared. *J Oncol Pract*. 2019 Apr;15(4):e300-e307. doi: 10.1200/JOP.18.00518. Epub 2019 Mar 7. PubMed PMID: 30844331.
42. Rotter JS++, Spencer JC++, **Wheeler SB**. Can cancer care costs impact quality of life outcomes for the entire household? *Psychooncology*. 2019 Apr;28(4):924-927. doi: 10.1002/pon.5006. Epub 2019 Feb 8. PubMed PMID: 30690813.
43. Bloom DL, Chapman BM, **Wheeler SB**, McGuire KP, Lee CN, Weinfurt K, Rosenstein DL, Plichta JK, Jacobson Vann JC, Hwang ES. Reframing the conversation about contralateral prophylactic mastectomy: Preparing women for postsurgical realities. *Psychooncology*. 2019 Feb;28(2):394-400. doi: 10.1002/pon.4955. Epub 2018 Dec 28. PubMed PMID: 30500102.
44. Davis MM, Shafer P, Renfro S, Hassmiller Lich K, Shannon J, Coronado GD, McConnell KJ, **Wheeler SB**. Does a transition to accountable care in Medicaid shift the modality of colorectal cancer testing? *BMC Health Serv Res*. 2019 Jan 21;19(1):54. doi: 10.1186/s12913-018-3864-5. PubMed PMID: 30665396; PubMed Central PMCID: PMC6341697.
45. Spees LP++, **Wheeler SB**, Varia M, Weinberger M, Baggett CD, Zhou X, Petermann VM+, Brewster WR. Evaluating the urban-rural paradox: The complicated relationship between distance and the receipt of

- guideline-concordant care among cervical cancer patients. *Gynecol Oncol*. 2019 Jan;152(1):112-118. doi: 10.1016/j.ygyno.2018.11.010. Epub 2018 Nov 12. PubMed PMID: 30442384; PubMed Central PMCID: PMC6321781.
46. Anderson S+, Frerichs L, Kaysin A, **Wheeler SB**, Halpern CT, Lich KH. Effects of Two Educational Posters on Contraceptive Knowledge and Intentions: A Randomized Controlled Trial. *Obstet Gynecol*. 2019 Jan;133(1):53-62. doi: 10.1097/AOG.0000000000003012. PubMed PMID: 30531560; PubMed Central PMCID: PMC6309464.
47. Anderson, Seri+, Megan Barry, Leah Frerichs, **Stephanie B Wheeler**, Halpern CT, Kaysin A, Kristen Hassmiller Lich. Cognitive interviews to improve a patient-centered contraceptive effectiveness poster. *Contraception*. 2018 Dec;98(6):528-534. doi: 10.1016/j.contraception.2018.06.010. Epub 2018 Jul 7. PMID: 30369408.
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49. Dougherty MK, Brenner AT, Crockett SD, Gupta S, Wheeler SB, Coker-Schwimmer M, Cubillos L, Malo T, Reuland DS. Evaluation of Interventions Intended to Increase Colorectal Cancer Screening Rates in the United States: A Systematic Review and Meta-analysis. *JAMA Internal Medicine*. 2018; Pgs 1-39 [Epub ahead of print] .PMID: 30326005
50. Lee SJ++, O'Leary MC++, Umble KE, **Wheeler SB**. Eliciting vulnerable patients' preferences regarding colorectal cancer screening: a systematic review. *Patient Prefer Adherence*. 2018 Oct 31;12:2267-2282. doi: 10.2147/PPA.S156552. eCollection 2018. Review. PubMed PMID: 30464417; PubMed Central PMCID: PMC6216965.
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Peer-reviewed proceedings articles

1. Siddhartha Nambiar+, Rachel Townsley+, Maria Mayorga, Kristen Hassmiller Lich, **Stephanie Wheeler**. Development of NC-CRC simulation model for estimating the impact of insurance expansion on CRC screening and outcomes in North Carolina. *Proceedings of the 2018 Winter Simulation Conference*
2. Mayorga, Maria, Odette S Reifsnider, **Stephanie Wheeler**, Racquel E Kohler++. A discrete event simulation model to estimate population level health and economic impacts of smoking cessation interventions. *Proceedings of the 2014 Winter Simulation Conference*.

Doctoral dissertation

"A closer look: Health services structure and organization, health disparities, and receipt of high quality breast cancer treatment". Concentration/Minor in Decision Sciences Modeling (May 2010). Approved by Drs. Andrea Biddle (Chair), William R Carpenter, Jeffrey Peppercorn, Anna P Schenck, and Morris Weinberger

Refereed oral abstracts (underline indicates that the oral presentation was given by Dr. Wheeler)

1. Wheeler Stephanie B, Rodriguez-O'Donnell J, Rogers C, Fulcher J, Deal, A. Manning ML, Gellin M, Padilla N, Rosenstein, DL. Financial Toxicity through Financial Navigation: Results from a Pilot Intervention American Society for Preventive Oncology Annual Conference, Virtual Meeting (April 2020).
2. Wheeler Stephanie B, Jason Rotter++, Chris Baggett, Timothy Zagar, and Katherine Reeder-Hayes. Economic Evaluation of Adjuvant Radiation and Endocrine Therapy for Older Women with Low-risk Breast Cancer. *Society for Medical Decision Making Annual Meeting in Montreal, Canada (October 2018)*.
3. Wheeler, Stephanie B, Jennifer C Spencer++, Michelle L Manning, Cleo A Samuel, Katherine E Reeder-Hayes, Jean B Sellers, and Donald L Rosenstein. Cancer-related Financial Burden among Patients with Metastatic Breast Cancer. *American Society for Clinical Oncology Quality Care Symposium in Phoenix, AZ (September 2018)*.
4. Davis MM, Gunn R, Pham R, Wiser A, Hassmiller Lich K, **Wheeler S**. Relationships, Data, and Quality Improvement Infrastructure: Critical Factors when Accountable Care Organizations and Primary Care Practices Collaborate to Increase Colorectal Cancer Screening in Medicaid Members. Individual Thematic Panel Oral presentation. *CDC National Cancer Conference in Atlanta, GA (August 2017)*
5. Wheeler Stephanie B, Maria E Mayorga, Melinda M Davis, Leah Frerichs, Michael Pignone, Florence Tangka, Lisa F Richardson, and Kristen Hassmiller Lich. Data-powered decision making: One state's approach to improving colorectal cancer screening in underserved populations. Individual Thematic Panel Oral presentation. *CDC National Cancer Conference in Atlanta, GA (August 2017)*
6. Siddhartha Nambiar+, Rachel Townsley+, Maria Mayorga, Kristen Hassmiller Lich, **Stephanie Wheeler**. Technical Considerations: the past, present and future of simulation modeling of colorectal cancer. Individual Thematic Panel presentation. *CDC National Cancer Conference in Atlanta, GA (August 2017)*

7. Hassmiller-Lich K, Mayorga M, Townsley R, **Stephanie B Wheeler**, Frerichs L. Using Individual-Based Simulation Modeling to Integrate Big Data and Intervention Evidence to Inform Intervention Selection, Adaptation, and Evaluation: An Example on Colorectal Cancer Screening. Individual Thematic Panel presentation. CDC National Cancer Conference in Atlanta, GA (August 2017)
8. Davis MM, Gunn R, Pham R, Wisner A, Hassmiller Lich K, **Wheeler S**. Relationships, Data, and Quality Improvement Infrastructure: Three Key Dimensions When Medicaid Accountable Care Organizations Partner with Primary Care Clinics to Improve Colorectal Cancer Screening. Oral presentation at the Annual NAPCRG PBRN Conference. Bethesda, MD (June 2017)
9. Matthew Nielsen, **Stephanie B. Wheeler**, Daniel Erim++, Mihaela Georgieva++, and Casey Ng. A model-based comparison of evaluation strategies for urinary tract malignant tumors in patients with asymptomatic microscopic hematuria. Society for Medical Decision Making in St. Louis, MO (October 2015)
10. **Wheeler, Stephanie B**, May Kuo, Anne Marie Meyer, Kristen Hassmiller Lich, and Michael Pignone. "Colorectal Cancer Screening Modality Among Publicly and Privately Insured People Turning 50". AcademyHealth Disparities Interest Group in Minneapolis, MN (June 2015)
11. Beri, Nina, Kevin Houck+, Victor Villagra, **Stephanie B Wheeler**, Jeffrey M Peppercorn. "Breast cancer screening in younger women". American Society of Clinical Oncology in Chicago, IL (June 2014)
12. Mayorga, Maria, Sid Barritt, Eric Orman, Hector Toro-Diaz+, and **Stephanie Wheeler**. "Predicting liver transplant capacity using simulation". INFORMS Healthcare Meeting in Chicago, IL (June, 2013)
13. Hassmiller Lich, Kristen, Maria Mayorga, **Stephanie Wheeler**, and Nadeepa Wickramage. "Perspective matters: Choosing a simulation study design for optimizing colorectal cancer outcomes". INFORMS Healthcare Meeting in Chicago, IL (June, 2013)
14. **Wheeler, Stephanie**, Racquel E Kohler++, Maria Mayorga, and Odette Reifsnider. "Discrete event simulation estimating health and economic impacts of smoking cessation approaches". INFORMS Healthcare Meeting in Chicago, IL (June, 2013)
15. Peppercorn, Jeffrey M, **Stephanie B Wheeler**, Kevin Houck+, Bercedis Peterson, Victor Villagra, James Antetomaso, Adane Fekadu Wogu, and Gary H. Lyman. "Impact of copayment elimination on annual and biennial screening mammography utilization among rural U.S. women". American Society for Clinical Oncology Annual Meeting in Chicago, IL (June, 2013)
16. Stover, Angela+, Bryce Reeve, Hy Muss, Deborah K Mayer, **Stephanie Wheeler**, and Jessica Lyons. "Physical Functioning Changes in Women with and without Breast Cancer: A Matched Comparative Study of Medicare Beneficiaries". Society of Behavioral Medicine Annual Meeting in San Francisco, CA (March, 2013)
17. Sheets, Nathan, **Stephanie B Wheeler**, Racquel E Kohler++, Paul Brown, and Bhisham Chera. "Differences in Billing Charges in a Matched Pair Comparison of Intensity Modulated Radiation Therapy (IMRT) versus 3-D Conformal Radiation Therapy (CRT) for the Treatment of Head and Neck Cancer". Multidisciplinary Head and Neck Cancer Symposium in Phoenix, AR (January, 2012)
18. **Wheeler, Stephanie B**, William R Carpenter, Jeffrey Peppercorn, Anna Schenck, Morris Weinberger, and Andrea K Biddle. "Delays in Initiation of Radiation Therapy after Breast Conserving Surgery May Explain In Part Racial Disparities in Breast Cancer Mortality among Older Women". AcademyHealth Annual Research Meeting in Seattle, WA (June, 2011)
19. **Wheeler, Stephanie B**, Andrea K Biddle, William R Carpenter, Morris Weinberger, Jeffrey Peppercorn, Anna P Schenck. "Effect of structural/organizational characteristics of health services on the relationship between race/ethnicity and timely receipt of radiation therapy (RT) in breast cancer patients". 15th annual National Research Service Award Trainees Research Conference in Boston, MA (June, 2010)

20. **Wheeler, Stephanie B.** "The effects of self-esteem and academic performance on adolescent decision-making: an examination of sexual debut and illegal substance use". AcademyHealth Annual Research Meeting in Chicago, IL (June, 2009)
21. Van Nuil, Jennifer, **Stephanie B Wheeler**, Emmanuel Munyambanza, Andrea Sankar, Mark Luborsky, and Jessica Price. "Identifying prevention barriers: analysis of personal narratives from HIV+ Rwandans". 69th annual meeting of the Society for Applied Anthropology in Sante Fe, NM (March, 2009)
22. Siegel, Melissa, and **Stephanie B Wheeler**. "Migration effects on health expenditure: the Moldovan experience". University of Maastricht School of Governance European Graduate Program in Social Protection Policy (ESPP) Educational Symposium in the Netherlands (May, 2008)

Refereed poster abstracts (underline indicates that the poster was presented by Dr. Wheeler)

1. O'Leary MC++, Brenner AT, Reuland DS, **Wheeler SB**. A claims analysis of colorectal cancer screening initiation among Medicaid enrollees who received a mailed screening intervention. American Society of Preventive Oncology Annual Conference, Virtual Meeting (April 2020).
2. Madhulika Vulimiri+, Gillian D. Sanders, Charlene Wong, Peter A. Ubel, Santanu Datta, **Stephanie Wheeler**, Jennifer Spencer++. Cost-Effectiveness Analysis of Telephone Counseling Versus Combination Counseling and Financial Incentives: Application to North Carolina Medicaid Smokers. Society for Medical Decision Making Annual Meeting in Montreal, Canada (October 2018). *Winner of the Lee Lusted Student Prize for Best Abstract.*
3. Elizabeth Schaffer+, Juan Marcos Gonzalez, **Stephanie B. Wheeler**, Dalsone Kwarisiima, Gabriel Chamie, Harsha Thirumurthy. Engaging Men in HIV Testing: A Discrete Choice Experiment to Elicit Preferences and Predict Uptake of HIV Testing Under Alternative Service Delivery Models in Uganda. Society for Medical Decision Making Annual Meeting in Montreal, Canada (October 2018). *Finalist for the Lee Lusted Student Prize for Best Abstract.*
4. Alexandra Dalton, Jennifer Lund, Tzy-Mey Kuo, M. Alan Brookhart, Anne-Marie Meyer, Christine E. Kistler, **Stephanie B. Wheeler**, Carmen L. Lewis. Predicting 5-Year Mortality in Older Adults Undergoing Screening Colonoscopy to Retrospectively Identify Potential Overuse. Society for Medical Decision Making Annual Meeting in Montreal, Canada (October 2018).
5. Jennifer C Spencer++, Michelle L Manning, Donald L Rosenstein, Cleo A Samuel, Katherine E Reeder-Hayes, Jean B Sellers, **Stephanie B Wheeler**. Stakeholder Perceptions of Financial Assistance Programs at a Comprehensive Cancer Center. American Society for Clinical Oncology Quality Care Symposium in Phoenix, AZ (September 2018).
6. **Wheeler, Stephanie B**, Jennifer C Spencer++, Michelle L Manning, Cleo A Samuel, Katherine E Reeder-Hayes, Jean B Sellers, and Donald L Rosenstein. Cancer-related Financial Burden among Patients with Metastatic Breast Cancer. American Society for Clinical Oncology Quality Care Symposium in Phoenix, AZ (September 2018).
7. **Wheeler, Stephanie B**, Meghan O'Leary++, Jewels Rhode, Jeff Yang+, Daniel Reuland, Alison Brenner. Comparative Cost Effectiveness of Mailed Reminders with and without Fecal Immunochemical Tests (FIT) in the Medicaid Population: A Pragmatic Randomized Controlled Trial. AcademyHealth Annual Research Meeting in Seattle, WA (June 2018).
8. Ashley Cole+, Emma L. Barber, Anagha Gogate++, Arthur-Quan Tran, **Stephanie B Wheeler**. Cost-Effectiveness of Neoadjuvant Chemotherapy Versus Upfront Surgery for Advanced Ovarian Cancer in an Aggressive Surgical Setting. AcademyHealth Annual Research Meeting (June 2018).
9. **Wheeler, Stephanie B**, Jennifer Spencer++, Laura Pinheiro+, Andrew Olshan, and Katherine Reeder-Hayes. "Racial Differences in the Financial Impact of Hormone Receptor Positive Breast Cancer". AcademyHealth Annual Research Meeting in New Orleans, LA (June 2017).
10. **Wheeler, Stephanie B**, Alison T Brenner, Jewels Rhode, Dana Baker, Rebecca Drechsel, Marcus Plescia, Daniel Reuland, and Tom Wroth. A Pragmatic Trial Testing Mailed Reminders with and without Fecal

- Immunochemical Testing (FIT) to Increase Colorectal Cancer Screening in Low-Income Populations". AcademyHealth Annual Research Meeting in New Orleans, LA (June 2017).
11. Leah Frerichs, Wizdom Powell, Rachel Townsley, Maria Mayorga, Giselle Corbie-Smith, **Stephanie B. Wheeler**, and Kristen Hassmiller Lich. The Potential Impact of Medicaid Expansion on Reducing Colorectal Cancer Screening Disparities Among African American Males. 2017 Academy Health Annual Research Meeting. New Orleans, LA (June 2017).
 12. Peppercorn, Jeffrey, Kevin Houck+, Nora Horrick, Victor Villagra, and **Stephanie B Wheeler**. "Evaluation of Screening Interval and Mastectomy Rates among Rural Women with Newly Diagnosed Breast Cancer". American Society for Clinical Oncology Annual Meeting in Chicago, IL (June 2016)
 13. Davis MM, Freeman M, Shannon J, **Wheeler S**, Coronado G, Guise JM, Buckley DI. "The Influence of Implementation Process and Context on Interventions to Increase Use of Fecal Tests for Colorectal Cancer Screening in Vulnerable Populations: A Systematic Review." 8th Annual Conference on the Science of Dissemination and Implementation. Washington, DC. (December 14-15, 2015)
 14. **Wheeler, Stephanie B**, Matthew Siedhoff, Sarah Rutstein+, Elizabeth J Geller, Kemi M Doll, Jennifer M Wu, Daniel L Clarke-Pearson. "Laparoscopic Morcellation Versus Abdominal Hysterectomy for Presumed Uterine Leiomyomata: A Decision Analysis". AcademyHealth Annual Research Meeting in Minneapolis, MN (June 2015)
 15. **Wheeler, Stephanie B**, May Kuo, Anne Marie Meyer, Kristen Hassmiller Lich, and Michael Pignone. "Colorectal Cancer Screening Modality Among Publicly and Privately Insured People Turning 50". AcademyHealth Annual Research Meeting in Minneapolis, MN (June 2015)
 16. **Wheeler, Stephanie B**, Caitlin Murphy+, Katherine Reeder-Hayes, Jo Anne Earp, Lisa Carey, and Andy Olshan. "Endocrine therapy adherence, side effects, and risk perception among racially diverse breast cancer patients". American Society of Clinical Oncology in Chicago, IL (June 2015)
 17. **Wheeler, Stephanie B**, Anne Marie Meyer, Seth Tyree, Katherine Reeder-Hayes, and William R Carpenter. "Linking cohort data with multi-payer insurance claims to understand endocrine therapy use among breast cancer survivors". AcademyHealth Annual Research Meeting in San Diego, CA (June 2014)
 18. **Wheeler, Stephanie B**, Megan C Roberts++, Diane Bloom, Katherine Reeder-Hayes, Morris Weinberger, Carol Golin, Jeffrey Peppercorn, and Jo Anne Earp. "Understanding barriers and facilitators to endocrine therapy use: A qualitative study of breast cancer patients and providers". AcademyHealth Annual Research Meeting in San Diego, CA (June 2014)
 19. Reeder-Hayes, Katherine E, Shellie D Ellis+, Stacie Dusetzina, **Stephanie B Wheeler**. "Cost-effectiveness of alternative adjuvant bisphosphonate regimens in postmenopausal women with early breast cancer". American Society of Clinical Oncology in Chicago, IL (June 2014)
 20. Ellis, Shellie+, Matthew ENielsen, William RCarpenter, George L Jackson, **Stephanie B Wheeler**, Huan Liu, Morris Weinberger. "Changes in androgen deprivation therapy overuse: Reimbursement response and characteristics of persistent overusers". American Society of Clinical Oncology in Chicago, IL (June 2014)
 21. Bainbridge, John+, **Stephanie B Wheeler**, Eun-Sil Shelley Hwang. "Adoption of clinical trial results as a novel institutional quality metric: Sentinel lymph node biopsy and early-stage breast cancer". American Society of Clinical Oncology in Chicago, IL (June 2014)
 22. Peppercorn Jeffrey M, Kevin Houck+, Adane F Wogu, Victor Villagra, Gary H Lyman, and **Stephanie B Wheeler**. "A national survey of breast cancer screening in rural America". American Society of Clinical Oncology in Chicago, IL (June 2014)
 23. Orman, Eric S, **Stephanie Wheeler**, Hector Toro-Diaz+, Paul H Hayashi, Maria Mayorga, and A Sidney Barritt IV. "20-year forecast of deceased donor liver availability and utilization in the United States using discrete event simulation". American Association for the Study of Liver Diseases in Boston, MA (November, 2013)

24. Peppercorn, Jeffrey, Kevin Houck+, Adane F Wogu, Victor Villagra, Gary H Lyman, and **Stephanie B Wheeler**. "National survey of breast cancer screening in rural America". American Society for Clinical Oncology Breast Cancer Symposium in San Francisco, CA (September, 2013)
25. Kuo, Tzy-Mey, Anne Marie Meyer, **Stephanie B Wheeler**, Brian Frizzelle, Marc Peterson, and William R Carpenter. "Are distances based on addresses better than ZIP Codes for assessing geographic access to cancer care?" AcademyHealth Annual Research Meeting in Baltimore, MD (June, 2013)
26. Reeder-Hayes, Katherine E, Anne Marie Meyer, Stacie Dusetzina, Huan Liu, and **Stephanie B Wheeler**. "Racial disparities in initiation of endocrine therapy for early-stage breast cancer", American Society for Clinical Oncology Annual Meeting in Chicago, IL (June, 2013)
27. Toro-Diaz Hector H+, Maria E Mayorga, Sidney A Barritt, Eric Orman, and **Stephanie B Wheeler**. "Assessing the uncertain future of liver transplant", Institute of Industrial Engineers (IIE) Annual Conference & Expo: Industrial and Systems Engineering Research Conference (ISERC) in San Juan, Puerto Rico (May, 2013)
28. **Wheeler, Stephanie B**, Racquel E Kohler++, Ravi K Goyal, Katherine E Reeder-Hayes, Kristen Hassmiller Lich, Timothy Smith, Cathy Melvin, Alexis Moore, Marisa E Domino. "Patient-centered medical homes may improve breast cancer surveillance among survivors", American Society for Clinical Oncology Quality Symposium in San Diego (December, 2012)
29. Meyer, Anne Marie, Katherine E Reeder-Hayes, Huan Liu, **Stephanie B Wheeler**, Dolly Penn, Bryan J Weiner, William R Carpenter, Karyn Beth Stitzenberg. "Differential receipt of sentinel lymph node biopsy within practice-based research networks". American Society for Clinical Oncology Quality Symposium in San Diego (December, 2012)
30. **Wheeler, Stephanie B**, Michael P Pignone, Ravi K Goyal, Paul M Brown, Kristen Hassmiller Lich, Judith Lee Smith, Lisa C Richardson, Ingrid Hall, and Florence Tangka. "Correlates of colorectal cancer screening underuse among publicly insured North Carolinians". CDC National Cancer Conference in Washington, DC (August 2012)
31. Brown, Paul M, **Stephanie B Wheeler**, Linda Cameron, Keith Payne, and Florence Tangka. "Using behavioral economics to design cancer screening programs for vulnerable populations". CDC National Cancer Conference in Washington, DC (August 2012)
32. Reeder-Hayes, Katherine E, **Stephanie B Wheeler**, and Andrea K Biddle. "Cost-effectiveness of adjuvant radiotherapy for older women with early hormone-receptor positive breast cancer". American Society for Clinical Oncology Annual Meeting in Chicago, IL (June, 2012)
33. Kohler, Racquel E++, **Stephanie B Wheeler**, Katherine E Reeder-Hayes, Ravi K Goyal, Kristen Hassmiller Lich, Timothy Smith, Cathy Melvin, Alexis Moore, and Hyman Bernard Muss. "Endocrine therapy use among Medicaid-insured breast cancer survivors with hormone receptor positive tumors". American Society for Clinical Oncology Annual Meeting in Chicago, IL (June, 2012)
34. **Wheeler, Stephanie B**, Racquel E Kohler++, Ravi K Goyal, Katherine E Reeder-Hayes, Kristen Hassmiller Lich, Timothy Smith, Cathy Melvin, Alexis Moore, Marisa E Domino. "Patient-centered medical homes may improve breast cancer surveillance among survivors". American Society for Clinical Oncology Annual Meeting in Chicago, IL (June, 2012)
35. Meyer, Anne Marie, Katherine E Reeder-Hayes, Huan Liu, **Stephanie B Wheeler**, Dolly Penn, Bryan J Weiner, William R Carpenter, Karyn Beth Stitzenberg. "Differential receipt of sentinel lymph node biopsy within practice-based research networks". American Society for Clinical Oncology Annual Meeting in Chicago, IL (June, 2012)
36. Peppercorn, Jeffrey, **Stephanie B Wheeler**, Miao Yu, James Antetomaso, Peter Baxter, Victor G Villagra, Sin-Ho Jung, Gary H Lyman. Impact of Reduction in Cost-Sharing on Screening Mammography Utilization among Rural U.S. Women. San Antonio Breast Cancer Symposium in TX (December, 2011)

37. Reifsnider, Odette, Maria E Mayorga, and **Stephanie B Wheeler**. "A Discrete Event Simulation Model to Evaluate Cost-effectiveness of Smoking Cessation Treatments". Society for Medical Decision Making in Chicago, IL (October, 2011)
38. **Wheeler, Stephanie B**, William R Carpenter, Jeffrey Peppercorn, Anna Schenck, Morris Weinberger, and Andrea K Biddle. "Optimal Timing of Initiation of Post-Operative Chemotherapy among Stage II-III Breast Cancer Patients". AcademyHealth Annual Research Meeting in Seattle, WA (June, 2011)
39. **Wheeler, Stephanie B**, Yang Wu, Anne-Marie Meyer, William R Carpenter, Lisa C Richardson, Judith Lee Smith, Megan A Lewis, and Bryan J Weiner. "Breast Cancer Treatment Quality: Use of Breast Conserving Surgery Without Radiation Therapy among Medicaid Recipients with Early Stage Breast Cancer". AcademyHealth Annual Research Meeting in Seattle, WA (June, 2011)
40. **Wheeler, Stephanie B**, Yang Wu, Anne Marie Meyer, William R Carpenter, Lisa C Richardson, Judith L Smith, Megan A Lewis, Bryan J Weiner. "Use of radiation therapy after breast-conserving surgery among Medicaid recipients with early-stage breast cancer". American Society for Clinical Oncology Annual Meeting in Chicago, IL (June, 2011)
41. Holmes, Jordan A, William R Carpenter, Yang Wu, Sharon Peacock, Mark Massing, Anna P Schenck, Anne-Marie Meyer, **Stephanie Wheeler**, Paul A Godley, Ronald C Chen. "Impact of travel distance on early diagnosis of prostate cancer (CaP) and receipt of curative treatment". American Society for Clinical Oncology Annual Meeting in Chicago, WA (June, 2011)
42. **Wheeler, Stephanie B**, Andrea K Biddle, William R Carpenter, Morris Weinberger, Jeffrey Peppercorn, Anna P Schenck. "Timing of receipt of breast cancer adjuvant therapy, race/ethnicity, and long-term health outcomes". 15th annual National Research Service Award Trainees Research Conference in Boston, MA (June, 2010)
43. **Wheeler, Stephanie B**, Andrea K Biddle, William R Carpenter, Morris Weinberger, Jeffrey Peppercorn, Anna P Schenck. "Health disparities and timeliness of receipt of radiation therapy after breast conserving surgery in Medicare patients: What role does structure/organization of health services play?" AcademyHealth Annual Research Meeting in Boston, MA (June, 2010)
44. **Wheeler, Stephanie B**, Andrea K Biddle, William R Carpenter, Morris Weinberger, Jeffrey Peppercorn, Anna P Schenck. "Health services organization, disparities, and timely receipt of adjuvant chemotherapy among breast cancer patients enrolled in Medicare". AcademyHealth Annual Research Meeting in Boston, MA (June, 2010)
45. **Wheeler, Stephanie B**, Benjamin Aiken, Jennifer Caraway Deese, and Annelies van Rie. "Mathematical modeling and global climate change: the effect of rising regional temperatures on yellow fever expansion in Eastern Africa". DIMACS Advanced Study Institute in Economic Epidemiology at Makerere University in Kampala, Uganda (July, 2009)
46. **Wheeler, Stephanie B**. "Effect of health services characteristics on receipt of high quality breast cancer care: an examination of health disparities". 14th annual National Research Service Award Trainees Research Conference in Chicago, IL (June, 2009)
47. Reifsnider, Odette, **Stephanie B Wheeler**, Maria Mayorga, Kit Simpson, and Gerard A Silverstri. "A predictive model for outcomes associated with smoking cessation programs". Society for Health Systems Conference in Chicago, IL (April, 2009)
48. **Wheeler, Stephanie B**, Benjamin Aiken, Jennifer Caraway Deese, and Annelies van Rie. "Mathematical modeling of climate change and vector-borne disease expansion in Africa". Fondation Merieux expert meeting on climate change and public health in Annecy, France (November, 2008)
49. **Wheeler, Stephanie B**, and Andrea K Biddle. "Comparative cost-effectiveness of reversible family planning methods following emergency contraception use in the Medicaid population". 136th annual meeting of the American Public Health Association (APHA) in San Diego, CA (October, 2008)

50. **Wheeler, Stephanie B.** and Chelsea Morroni. "Knowledge, attitudes, and intentions of future health care providers regarding termination of pregnancy (TOP) services in South Africa". Marie Stopes International Conference on Global Safe Abortion in London, England (October, 2007)

Invited, oral presentations to external audiences (all presented by Dr. Wheeler)

1. **Wheeler, Stephanie B.** "If you have to ask, you can't afford it: Addressing financial toxicity in rural oncology care settings". The NCI Rural Cancer Control Meeting, Oklahoma City, OK (August 2019)
2. **Wheeler, Stephanie B.** "Making Mentoring Work for You". The U54/Geographic Management of Cancer Health Disparities (GMAP) Annual Cancer Disparities Symposium, Nashville, TN (February 2019)
3. **Wheeler, Stephanie B.** "Financial Hardship among Medically Underserved and Metastatic Breast Cancer Patients". Cancer Care Delivery Research (CCDR) Committee, The Alliance for Clinical Trials in Oncology Fall Meeting, Chicago, IL (November 2018)
4. **Wheeler, Stephanie B.** "The Silent Side Effect: Financial Impacts of Cancer in America". Charles L Spurr Piedmont Oncology Symposium, Myrtle Beach, SC (October 2018)
5. **Wheeler, Stephanie B.** "Show me the Drachma: Economic evaluation for dissemination and implementation research". Mentored Training in Dissemination and Implementation Research in Cancer (MT-DIRC) Meeting, Washington University in St. Louis, MO (June 2018)
6. **Wheeler, Stephanie B.** "Community-level Research Perspectives" Fireside Chat. NCI Rural Cancer Control Meeting, Bethesda, MD (May 2018)
7. **Wheeler, Stephanie B.** and Katie Reeder-Hayes. "Concept in Development: Phone-Based Multi-Arm Intervention to Increase Endocrine Therapy Adherence in Diverse Breast Cancer Survivors. Health Disparities Committee, The Alliance for Clinical Trials in Oncology Fall Meeting, Chicago, IL (May 2018)
8. **Wheeler, Stephanie B.** "Guiding cancer program implementation through mixed methods". Cancer Prevention and Control Grand Rounds, University of Iowa Cancer Center, Iowa City, IA (May 2018)
9. **Wheeler, Stephanie B.** "Implementing and Evaluating Financial Assistance Programming in Metastatic Breast Cancer". National Comprehensive Cancer Network (NCCN)/Pfizer Independent Grants for Learning and Change, NCCN Annual Meeting, Orlando, FL (March 2018)
10. **Wheeler, Stephanie B.** "Modeling Colorectal Cancer Screening in North Carolina and Oregon". NCI CISNET Modeling Meeting, Colorectal Cancer Group, Bethesda, MD (November 2017)
11. **Wheeler, Stephanie B.** Keynote Address: "The price is wrong: The cancer care cost dilemma" NCI/Wake Forest University NCORP Research Base Annual Meeting, Asheville, NC (November 2017)
12. **Wheeler, Stephanie B.** "The case for colorectal cancer screening program implementation", Wake Forest University, Cancer Prevention and Control Research Seminar, Winston-Salem, NC (October 2017)
13. **Wheeler, Stephanie B.** "Improving colorectal cancer screening and outcomes". American Cancer Society/CDC/NCI Local Area Cost Modeling, Atlanta, GA (September 2017)
14. **Wheeler, Stephanie B.** "The price is not right: The burden of financial toxicity in breast cancer". Duke Endowment NC CSPAN Symposium, Chapel Hill, NC (July 2017)
15. **Wheeler, Stephanie B.** "Stakeholder Engagement Session on Financial Related Navigation". North Carolina Oncology Navigators' Association Annual Conference, Chapel Hill, NC (June 2017)
16. **Wheeler, Stephanie B.** "Enhancing Implementation Science: Applying Systems Models to Address Complexity". AcademyHealth Annual Research Meeting, New Orleans, LA (June 2017)

17. **Wheeler, Stephanie B.** “Translating Cancer Surveillance Data Into Effective Public Health Interventions“. Centers for Disease Control and Prevention Division of Cancer Prevention and Control, Atlanta, GA (June 2017)
18. **Wheeler, Stephanie B.** “Comparative Effectiveness Trial of Motivational Interviewing versus Mobile Technology to Improve Endocrine Therapy Adherence“. Alliance Oncology Clinical Trials Annual Meeting, Disparities Committee, Chicago, IL (May 2017)
19. **Wheeler, Stephanie B.** “Leveraging Linked Secondary Data and Simulation Modeling to Inform Local Colorectal Cancer Screening Program Implementation“. National Rural Cancer Control Meeting, Memphis, TN (May 2017)
20. **Wheeler, Stephanie B.** “Financial toxicity: the neglected side effect in cancer“. Thriving Together: Living with Metastatic Breast Cancer Luncheon. North Carolina Governor Roy Cooper’s Mansion (April 2017)
21. **Wheeler, Stephanie B.** “The Carolina Cancer Screening Initiative“. North Carolina Colorectal Cancer Roundtable Meeting (March 2017)
22. **Wheeler, Stephanie B.** “Financial vulnerability in breast cancer patients“. American Society for Preventive Oncology Annual Meeting (March 2017)
23. **Wheeler, Stephanie B.** “Academic Public Health’s Role in Advancing Cancer Prevention“. Association of Schools and Programs of Public Health Annual Meeting (March 2017)
24. **Wheeler, Stephanie B.** “Overview of the Geographic Management of Cancer Health Disparities Program (GMAP), Region 1 South. Cancer Health Disparities Symposium (March 2017)
25. **Wheeler, Stephanie B.** “Saving lives, containing costs” Colorectal cancer screening in North Carolina“. Presented to members of the North Carolina Legislature (January 2017)
26. **Wheeler, Stephanie B.** “Cost Modeling at the Local Level“. National Colorectal Cancer Roundtable Meeting (November 2016)
27. **Wheeler, Stephanie B.** “Unspoken: Communication-related challenges in cost and medication adherence among vulnerable breast cancer patients“. Hutchinson Institute Cancer Outcomes Research seminar (September 2016)
28. **Wheeler, Stephanie B.** “Health disparities and cancer outcomes“. UNC Cancer Network (September 2016)
29. **Wheeler, Stephanie B.** “The price is wrong: Understanding the burden of rising healthcare costs in America“ The Honors College at the College of Charleston Summer Institute Public Lecture (July 2016)
30. **Wheeler, Stephanie B.** “Ignite Speaker“, Disparities in Cancer Care session. Vice President Joe Biden’s Cancer Moonshot Summit (June 2016)
31. **Wheeler, Stephanie B.** “Using systems science and implementation science to improve cancer care delivery“. Duke University Hematology Oncology Grand Rounds (June 2016)
32. **Wheeler, Stephanie B.** and Melinda Davis. “Modeling evidence-based interventions impact“. Cancer Prevention and Control Research Network (CPCRN) Annual Meeting (May 2016)
33. **Wheeler, Stephanie B.** and Douglas Post. “Comparative effectiveness trial of Motivational Interviewing versus mobile technology to improve endocrine therapy adherence “. Alliance for Clinical Trials in Oncology, Disparities Workgroup (May 2016)
34. **Wheeler, Stephanie B.** “Value of Information (VOI) Analysis“. Centers for Disease Control and Prevention Methods Workshop (April 2016)

35. **Wheeler, Stephanie B.** “The power of decision analytic modeling methods, with an example from gynecologic surgery”. Center for Surgery and Public Health (CSPH) at Brigham and Women’s Hospital and Harvard Medical School (HMS) Surgical Health Services Researchers Speakers Series (March 2016)
36. **Wheeler, Stephanie B.** “Optimizing endocrine therapy use to reduce breast cancer disparities”. Massachusetts General Hospital Cancer Center Multidisciplinary Breast Rounds (March 2016)
37. **Wheeler, Stephanie B.** Cancer Expert Roundtable Panelist with Vice President Joe Biden as part of the White House’s Cancer Moonshot Initiative. Duke University (February 2016)
38. **Wheeler, Stephanie B.** “Full Speed Ahead: Gaining Momentum in the Fight against Cancer in North Carolina”. North Carolina Public Health Association Semi-annual Meeting (September 2015)
39. **Wheeler, Stephanie B.** “Harnessing the power of story-telling to improve cancer control practice”. National Cancer Institute Research-to-Reality (R2R) Cyber-seminar (July 2015)
40. **Wheeler, Stephanie B.** “Opportunities for colorectal cancer screening simulation”. Cancer Prevention and Control Research Network (CPCRN) Annual Meeting (May 2015)
41. **Wheeler, Stephanie B.** “Race and endocrine therapy adherence in breast cancer: Missing links and opportunities”. Duke University Cancer Control Seminar Series (September 2014)
42. **Wheeler, Stephanie B** and Michael P Pignone. “Using simulation modeling to compare alternatives for colon cancer screening promotion for North Carolina”. Centers for Disease Control and Prevention, Division of Cancer Prevention and Control (DCPC) Seminar (May 2014)
43. **Wheeler, Stephanie B.** “Improving endocrine therapy utilization in racially diverse populations”. Carolina Community Network (CCN II) Annual Center Meeting, the Solution Center, Durham, NC (May 2013)
44. **Wheeler, Stephanie B.** “Opportunities for colorectal cancer screening research”. National Rural Electric Cooperative Association (NRECA) Clinical Advisory Board Meeting in Arlington, VA (January 2013)
45. **Wheeler, Stephanie B.** “Using behavioral economics to improve colorectal cancer screening in disadvantaged communities”. Cancer Prevention and Control Research Network (CPCRN) Steering Committee Meeting (November 2012)
46. **Wheeler, Stephanie B.** “Comprehensive Cancer Control Collaborative of North Carolina: Feasible Intervention Strategies for Improving Survivorship Care”. Old North State Medical Society and the National Medical Association 125th Annual Meeting and Scientific Assembly in Raleigh, NC (June 2012)
47. **Wheeler, Stephanie B.** “Meeting the needs of breast cancer survivors in North Carolina: The role of the Medicaid medical home model”. Community Care of North Carolina (CCNC) Clinical Directors Meeting in Raleigh, NC (June 2012)
48. **Wheeler, Stephanie B.** “Regional variation in colorectal cancer screening in North Carolina”. Centers for Disease Control and Prevention (CDC), Division of Cancer Prevention and Control in Atlanta, GA (May 2012)
49. **Wheeler, Stephanie B.** “Meeting the needs of breast cancer survivors in North Carolina: The role of the Medicaid medical home model”. North Carolina HealthNet Collaborative Networks Meeting in Winston-Salem (May 2012)
50. **Wheeler, Stephanie B.** “Breast cancer disparities”. National Rural Electric Cooperative Association (NRECA) Clinical Advisory Board Meeting in Arlington, VA (October 2011)

TEACHING AND MENTORING ACTIVITIES:

Full courses

University of North Carolina at Chapel Hill, Chapel Hill NC

Health Policy & Management HPM 769 “Cancer outcomes research seminar” (graduate)

- January 2020-May 2020 (8 students, with Dr. Ethan Basch)
- August 2019-December 2019 (8 students, with Dr. Ethan Basch)
- January 2019-May 2019 (6 students, with Dr. Ethan Basch)
- August 2018-December 2018 (11 students, with Dr. Ethan Basch)
- January 2018-May 2018 (10 students, with Dr. Ethan Basch)
- August 2017-December 2017 (12 students, with Dr. Ethan Basch)
- January 2017-May 2017 (9 students, with Dr. Ethan Basch)
- August 2016-December 2016 (10 students, with Dr. Ethan Basch)
- January 2016-May 2016 (10 students, with Dr. Ethan Basch)
- August 2015-December 2015 (12 students, with Dr. Ethan Basch)

Health Policy and Management HPM 772 “Techniques for the economic evaluation of health care” (graduate)

- August 2018-December 2018 (45 students)
- August 2017-December 2017 (45 students)
- August 2016-December 2016 (40 students)
- August 2015-December 2015 (40 students, with Dr. Kristen Hassmiller Lich)
- August 2014-December 2014 (38 students)
- August 2008-December 2008 (30 students, Teaching Assistant to Dr. Andrea Biddle)

Health Policy and Management HPM 779 “Advanced analytics and operations research” (graduate)

- December 2013-May 2014 (65 students)
- December 2012-May 2013 (43 students)

Health Policy and Management HPM 770 “Introduction to operations research for healthcare systems” (graduate)

- January 2011-May 2011 (55 students, with Dr. Kristen Hassmiller Lich)

The College of Charleston, Charleston SC

Honors College HONS 382 “Global perspectives on poverty, inequality, and vulnerability” (undergraduate)

- July 2016-August 2016 (4 students, with Dr. Melissa Siegel)
- July 2015-August 2015 (9 students, with Dr. Melissa Siegel)
- July 2014-August 2014 (9 students, with Dr. Melissa Siegel)

The Medical University of South Carolina, Charleston SC

Biometry, Biostatistics and Epidemiology “Introduction to decision analytical modeling” (graduate)

- July 2007-August 2007 (37 students, with Dr. Kit Simpson)

Guest lectures and seminars

February 2020. Presented “Addressing financial toxicity in cancer patients” to the Epidemiology graduate course EPID 771 “Cancer Survivorship” (taught by Dr. Hazel Nichols), **University of North Carolina at Chapel Hill**

November 2019. Presented “Introduction to decision analysis” to the Health Policy and Management graduate course HPM 779 “Advanced Analytic Methods” (taught by Dr. Alyssa Damon), **University of North Carolina at Chapel Hill**

October 2019. Presented “Health-related quality of life assessment” to the Health Policy and Management graduate course HPM 772 “Techniques for the Economic Evaluation of Healthcare” (taught by Dr. Leah Frerichs), **University of North Carolina at Chapel Hill**

September 2019. Presented “Cost assessment in economic evaluation” to the Health Policy and Management graduate course HPM 772 “Techniques for the Economic Evaluation of Healthcare” (taught by Dr. Leah Frerichs), **University of North Carolina at Chapel Hill**

February 2019. Presented “Disparities in breast cancer: a biology, health services and solutions story” to the Health Behavior graduate course HBEH 765 “Cancer Prevention and Control Research Seminar” (taught by Dr. Melissa Gilkey), **University of North Carolina at Chapel Hill**

February 2019. Presented “If you have to ask, you can’t afford it: Addressing financial toxicity among NC cancer patients” to the UNC Cancer Outcomes Research Seminar, **University of North Carolina at Chapel Hill**

January 2019. Presented “Disparities in breast cancer: a biology, health services and solutions story” to the UNC Cancer Network Webinar Series, **University of North Carolina at Chapel Hill**

November 2018 (and November 2016 and 2017). Presented “Introduction to Cost-Effectiveness Analysis” to the Health Behavior graduate course HBEH 752 “Public Health Intervention and Evaluation” (taught by Dr. Vivian Go), **University of North Carolina at Chapel Hill**

October 2018. Presented “Cancer disparities in oncology and public health” to the Hematology and Oncology Division Annual Retreat, Rizzo Center, **University of North Carolina at Chapel Hill**

September 2018 (and September 2013, 2014, 2015, 2016, 2017, and January 2012). Presented “Principles of effective writing” to the Health Policy and Management graduate course HPM 874 “Advanced Research Seminar” (taught by Dr. Marisa Domino and formerly Dr. Morris Weinberger), **University of North Carolina at Chapel Hill**

September 2018 (and September 2017, and January 2017). Presented “Principles of effective writing” to the Health Policy and Management undergraduate course HPM 352 “Introduction of Health Services Systems” (taught by Dr. Becky Slifkin), **University of North Carolina at Chapel Hill**

August 2018. Presented “Survival of the richest: How race, place, and wealth affect cancer outcomes” to the Health Policy and Management graduate course HPM 873 “Doctoral Research Seminar” (taught by Dr. George Pink and Dr. Mark Holmes), **University of North Carolina at Chapel Hill**

May 2018. Presented “Survival of the richest: How race, place, and wealth affect cancer outcomes” as 2017 Hettleman Prize recipient, **University of North Carolina at Chapel Hill**

April 2018. Presented “A review of breast cancer disparities” to the Health Behavior graduate course HBEH 765 “Cancer Prevention and Control Research Seminar” (taught by Dr. Melissa Gilkey), **University of North Carolina at Chapel Hill**

February 2018. Presented “A hard pill to swallow: Endocrine therapy adherence” to the Department of Pharmaceutical Policy and Outcomes (DPOP) seminar course (taught by Jennifer Elston-Lafata), **University of North Carolina at Chapel Hill**

February 2018. Presented “Cancer-related financial toxicity” to the Comprehensive Cancer Support Program and Palliative Care Grand Rounds, **University of North Carolina at Chapel Hill**

December 2017. Presented “Introduction to Decision Sciences” to the Health Policy and Management graduate course HPM 779 “Advanced Analytics and Operations Research” (taught by Dr. Alyssa Damon), **University of North Carolina at Chapel Hill**

September 2017 (and September 2016 and 2015). Presented “Overcoming barriers to receipt of recommended cancer treatment” to the Health Policy and Management graduate course HPM 866 “Making Equity a Priority in Cancer Care Quality” (taught by Dr. Cleo Samuel), **University of North Carolina at Chapel Hill**

November 2016. Presented “Overcoming treatment barriers in breast cancer” to the Health Behavior graduate course HBEH 765 Cancer Prevention and Control Research (taught by Dr. Jo Anne Earp), **University of North Carolina at Chapel Hill**

October 2016. Presented “Using systems science and implementation science to improve cancer care delivery” to the Health Policy and Management graduate course HPM 873 “Health Services Research Seminar” (taught by Dr. Daniel Lee), **University of North Carolina at Chapel Hill**

April 2016. Presented “Measuring costs for economic evaluation” to the Epidemiology graduate course EPID 803 “Clinical Research Skills” (taught by Dr. William Miller), **University of North Carolina at Chapel Hill**

September 2015. Presented “Falling through the cracks: CRC screening in vulnerable populations” to the Cancer Outcomes Research Seminar, Lineberger Comprehensive Cancer Center, **University of North Carolina at Chapel Hill**

February 2015 (and January 2014, 2013 and February 2012). Presented “Decision science tools for comparative effectiveness research” to the Health Policy and Management graduate course HPM 781 and HPM 496 “Comparative effectiveness research” (taught by Dr. Morris Weinberger and Dr. Sally Stearns), **University of North Carolina at Chapel Hill**

January 2015. Presented “Optimizing colorectal cancer screening in underserved populations: A behavioral economics perspective” to the Gastrointestinal Epidemiology Seminar (organized by Dr. Robert Sandler), **University of North Carolina at Chapel Hill**

December 2014. Presented “Intro to Simulation Modeling and Decision Analysis” to the Obstetrics and Gynecology Seminar (organized by Dr. Gretchen Stuart), **University of North Carolina at Chapel Hill**

October 2014. Presented “Endocrine therapy adherence in breast cancer” to the Health Care Quality and Patient Outcomes Seminar (organized by Dr. Barbara Mark), **University of North Carolina at Chapel Hill**

October 2014. Presented “Endocrine therapy adherence in breast cancer: Missing links and opportunities” to the Health Policy and Management graduate course HPM 873 “Doctoral seminar” (taught by Dr. Antonia Bennett), **University of North Carolina at Chapel Hill**

September 2014. Presented “Disparities in breast cancer care quality and outcomes” to the UNC MD-PHD Seminar (organized by Dr. Eugene Orringer), **University of North Carolina at Chapel Hill**

September 2014. Presented “Qualitative Research Methods” as a panelist to the Health Policy and Management graduate course HPM 886 “Advanced Health Services Research Methods” (taught by Dr. Sally Stearns), **University of North Carolina at Chapel Hill**

September 2014. Presented “Disparities in breast cancer care quality and outcomes” to the Epidemiology graduate course HPM 799 “Social Epidemiology Seminar” (taught by Dr. Whitney Robinson), **University of North Carolina at Chapel Hill**

August 2014 (and August 2013, 2012, and 2011). Presented “Principles of effective writing” (4-hour seminar workshop) to the Health Policy and Management Executive Masters Program Orientation (organized by Dr. Jim Porto), **University of North Carolina at Chapel Hill**

March 2014. Presented “Race and endocrine therapy adherence in breast cancer: Missing links and opportunities” to the Cancer Outcomes Research Program Breakfast, Lineberger Comprehensive Cancer Center (organized by Dr. Ethan Basch), **University of North Carolina at Chapel Hill**

June 2014. Presented “Colorectal cancer screening decision making in vulnerable North Carolina populations” to the UNC Cancer Prevention and Control Program Meeting, Lineberger Comprehensive Cancer Center (organized by Dr. Kurt Ribisl), **University of North Carolina at Chapel Hill**

September 2013 (and October 2012, 2011 and November 2010). Presented “Introduction to mathematical modeling for infectious diseases: Pros and cons of universal HIV test and treat programs” to the Epidemiology graduate course EPID 753 “Infectious diseases at the community level” (taught by Dr. Peter Leone), **University of North Carolina at Chapel Hill**

May 2013. Presented “Understanding and improving quality of cancer care in diverse underserved populations” at the Lineberger Comprehensive Cancer Center 2013 Scientific Retreat (organized by Dr. Michael O’Malley), **University of North Carolina at Chapel Hill**

April 2013. Presented “Introduction to discrete event simulation (DES)” with Dr. Maria Mayorga (NC State University) to the Health Policy and Management graduate course HPM 890 “Advanced Modeling” (taught by Dr. Andrea Biddle), **University of North Carolina at Chapel Hill**

March 2013 (and February 2012). Presented “The role of health system structure and organization in determining cancer care quality across diverse populations” to the Health Policy and Management graduate course HPM 768

"Informed decision making in cancer care" (taught by Dr. Bryce Reeve), **University of North Carolina at Chapel Hill**

March 2013. Presented "Health care access and disparities" to the Epidemiology graduate course EPID 690 "Social epidemiology: concept and measures" (taught by Dr. Jim Thomas), **University of North Carolina at Chapel Hill**

November 2012. Presented "Writing effective scientific abstracts" to the Health Policy and Management graduate course HPM 874 "Advanced research seminar" (taught by Dr. Morris Weinberger), **University of North Carolina at Chapel Hill**

November 2012. Presented "Stories from Rwanda: Using qualitative methods to understand life with HIV/AIDS" to the Health Policy and Management graduate course HPM 873 "Doctoral seminar" (taught by Dr. Bryce Reeve), **University of North Carolina at Chapel Hill**

January 2012. Presented "Fixed effects and random effects models for studying multilevel and/or panel data" to the Epidemiology graduate course EPID 690 "Social epidemiology: analysis and interpretation" (taught by Dr. Whitney Robinson), **University of North Carolina at Chapel Hill**

November 2011. Presented "Meeting the needs of breast cancer survivors in North Carolina: The role of the Medicaid medical home model" to the Health Policy and Management graduate course HPM 873 "Doctoral seminar" (taught by Dr. Bryce Reeve), **University of North Carolina at Chapel Hill**

February 2011. Presented "Managing problem students and classroom conflict" to the Health Policy and Management graduate course HPM 871 "Doctoral teaching seminar" (taught by Dr. Bill Zelman), **University of North Carolina at Chapel Hill**

January 2011. Presented "Using cancer registry-linked-claims data to examine health system level correlates of breast cancer disparities" at the Lineberger Comprehensive Cancer Center, Outcomes Research Seminar Series (organized by Dr. Michael O'Malley), **University of North Carolina at Chapel Hill**

September 2010. Presented "Markov Models in Cost-effectiveness Analysis" to the Health Policy and Management graduate course HPM 772 "Techniques for the economic evaluation of health care" (taught by Dr. Andrea Biddle), **University of North Carolina at Chapel Hill**

November 2009. Presented "Another inconvenient truth: global relationships between health and wealth" in the Honors College Capstone course "Running in the human race: Rights, relations, and well-being worldwide" (taught by Dr. Trisha Folds-Bennett), **College of Charleston**

March 2009. Presented "Quality in breast cancer treatment: disparities and diffusion" to the Health Policy and Management HPM 873 "Doctoral seminar" (taught by Dr. George Pink), **University of North Carolina at Chapel Hill**

September 2008. Presented "Stories from Rwanda: sequences, templates, and narratives (STN) and the Prevention with Positives project" at **Family Health International (FHI)** in NC

June 2008. Presented series of guest lectures on epidemiology, biostatistics, and research design to graduate students enrolled in the course "Introduction to decision analytical modeling" (taught by Dr. Carol Lambourne), **Medical University of South Carolina**, Charleston, SC

June 2008. Presented series of guest lectures entitled "Economic evaluation and mathematical modeling" to graduate students enrolled in the Southeastern Pre-doctoral Training in Clinical Research (SPTCR) program (taught by Dr. Barbara Tilley), **Medical University of South Carolina**, Charleston, SC

May 2008. Presented "Research to practice in the real world: diffusion and scale-up of reproductive health innovations" at **Family Health International (FHI)**, Durham, NC

August 2006. Presented "Termination of pregnancy in South Africa" in the Honors College academic seminar series (organized by Dr. John Newell), **College of Charleston**

Student mentoring/advising: Doctoral dissertation committee chair

- Meghan O'Leary, Health Policy and Management, PhD, UNC (**CHAIR**); *Title TBD*; Expected Graduation May 2021
- Anagha Gogate, Health Policy and Management, PhD, UNC (**CHAIR**); *Title TBD*; Graduated May 2020
- Marya Plotkin, Health Policy and Management, DrPH, UNC (**CHAIR**); *Doppler to improve intrapartum care in Tanzania: Does it reduce perinatal mortality? What does it cost? What are the barriers and facilitators to scale it up?* Graduated December 2019
- Jason Rotter, Health Policy and Management, PhD, UNC (**CHAIR**); *The Effects of Patient Financial Burden on Health Outcomes for Medicare Beneficiaries with Cancer*, Graduated May 2019
- Jennifer Spencer, Health Policy and Management, PhD, UNC (**CHAIR**); *HPV Vaccination as a Mechanism to Reduce Socioeconomic Disparities in Cancer Prevention*, Graduated May 2019
- Alecia Slade Clary, Health Policy and Management, PhD, UNC (**CHAIR**); *As the Gap Grows: Racial Disparities in Cancer Care Quality in the VA Health Care System*, Graduated May 2019
- Mihaela Georgieva, Health Policy and Management, PhD, UNC (**CHAIR**); *Appropriate use and value of surveillance among elderly patients with non-muscle-invasive bladder cancer*, Graduated August 2018
- Whitney Fry, Health Policy and Management, DrPH, UNC (**CHAIR**); *Promoting positive male gender socialization among migrant male youth living in Kakuma Refugee Camp, Kenya: Applying Appreciative Inquiry to gender-based violence prevention efforts*; Graduated August 2016
- Sun Hee Rim, Health Policy and Management, PhD, UNC (**CHAIR**); *Ovarian cancer treatment decisions: Accessing gynecologic oncology care and patient-reported preferences for care*; Graduated May 2016
- Racquel Kelly Kohler, Health Policy and Management PhD, UNC (**CHAIR**); *Enhancing breast cancer early detection in Malawi; A Mixed Methods Study to Understand Knowledge and Preferences*, Graduated May 2015
- Megan Roberts, Health Policy and Management, PhD, UNC (**CO-CHAIR**); *Understanding racial variation in Oncotype DX testing*, Graduated May 2015

Student mentoring/advising: Doctoral dissertation committee member

- Mya Roberson, Epidemiology, PhD, UNC: *Title TBD*, Graduation Expected May 2021
- Victoria Petermann, Nursing, PhD, UNC: *Title TBD*, Graduation Expected May 2021
- Olive Mbah, Health Policy and Management, PhD, UNC: *Impact of The Affordable Care Act on Racial/Ethnic Disparities in Colorectal Cancer Outcomes among Medicare Beneficiaries: The Role of Community-Level Social Risk*, Expected Graduation May 2021
- Nidia Rodriguez Ormaza, Epidemiology, PhD, UNC: *Geographic Access to Fertility Specialty Care among Female Adolescent and Young Adult Cancer Survivors in North Carolina*. Graduation Expected May 2021
- Olivia Dong, Pharmaceutical Outcomes and Policy, PhD, UNC: *Pharmacogenomic Testing with DNA2RXTM in Cardiac Catheterization Laboratory Patients*, Graduated May 2019
- Seri Anderson, Health Policy and Management, PhD, UNC: *Cost-effectiveness of improved communication of pregnancy risk and contraceptive information*, Graduated August 2018
- Beth Schaffer, Health Policy and Management, PhD, UNC: *Engaging men in HIV testing in rural Uganda: Understanding the interplay of preferences and policy*; Graduated August 2018
- Nirosha Lederer, Pharmaceutical Outcomes and Policy, PhD, UNC: *Optimizing Antiemetic Use in Patients Initiating Highly Emetogenic Intravenous Chemotherapy: Lessons Learned With Big Data and Modeling*, Graduated May 2018
- Jamie Jarmul, Health Policy and Management PhD, UNC; *Clinical utility and cost-effectiveness of cardiovascular genetic risk testing for targeting statin therapy in primary prevention of cardiovascular disease*; Graduated May 2017
- Laura Pinheiro, Health Policy and Management PhD, UNC; *Racial variation in quality of life among breast cancer patients*; Graduated May 2017
- Louise Makau Barasa, Health Policy and Management DrPH, UNC; *How can access to cancer diagnosis and treatment be improved in Kenya?*; Graduated May 2016
- Danielle Durham, Epidemiology PhD, UNC; *Insurance type and diagnostic follow-up disparities in breast cancer screening*; Graduated May 2016

- Emily Smith, Epidemiology PhD, UNC; *Rapid HIV testing among breastfeeding, HIV exposed infants in Malawi: Test performance of two rapid tests during the breastfeeding period and cost-effectiveness of various early infant diagnosis strategies*; Graduated December 2015
- Marissa Seamans, Epidemiology PhD, UNC; *Household patterns of prescription opioid use in the U.S and associated risk of adverse events*; Graduated May 2017
- Sarah Rutstein, Health Policy and Management PhD, UNC; *Optimizing HIV Therapy: Virological monitoring, adherence & cost-effectiveness*; Graduated May 2015
- Gift Kamanga, Health Policy and Management DrPH, UNC; *How best can HIV/AIDS policy be moved to successful implementation? Lessons from routine HIV testing of patients with sexually transmitted infections in Malawi*; Graduated December 2014
- Diana Chirovsky, Health Policy and Management PhD, UNC; *Clinical and economic evaluation of surveillance to detect patients with hepatocellular carcinoma in China*; Graduated May 2014
- Patti Pozella, Health Policy and Management DrPH, UNC; *Strategies for Increasing EGFR Mutation Testing of Patients with Non-Small Cell Lung Cancer*; Graduated May 2014
- Anne Butler, Epidemiology PhD, UNC; *The cancer burden and patterns of erythropoiesis-stimulating agent use among end-stage renal disease patients on hemodialysis*; Graduated May 2014
- Shellie Ellis, Health Policy and Management PhD, UNC; *Declining overuse of hormone replacement therapy for localized prostate cancer: Predictors of reimbursement responsiveness and emerging patterns of care*; Graduated December 2013
- Kerry Bruce, Health Policy and Management DrPH, UNC; *Use of Mobile Technology for Monitoring and Evaluation in International Health and Development Programs*; Graduated December 2013
- Alice Fortune-Greeley, Health Policy and Management PhD, UNC; *Comparative effectiveness and cost of preoperative breast MRI in elderly breast cancer patients*; Graduated May 2013
- Katie Kaney, Health Policy and Management DrPH, UNC; *Virtual Physician Care: How Can Its Use Be Accelerated?*; Graduated December 2012
- Laurel Clayton Trantham, Health Policy and Management PhD, UNC; *PSA surveillance following radical prostatectomy: What we know and why it matters*; Graduated May 2012
- Emily Weaver, Health Policy and Management PhD, UNC; *Contraceptive practice in Indonesia: Did the Village Midwife Program make a difference?*; Graduated December 2011

Student mentoring/advising: Masters paper reader

- Caitlin Biddell, MSPH Student, Health Policy and Management, UNC; Expected Graduation May 2020
- Sarah Scott, MSPH Student, Health Policy and Management, UNC; Graduated May 2019
- Krystal Garcia, MSPH Student, Health Policy and Management, UNC; Graduated May 2018
- Eun Young Oh, MSPH Student, Health Policy and Management, UNC; Graduated May 2018
- Fiolna Dominika, MSPH Student, Health Policy and Management, UNC; Graduated May 2017
- Jennifer Spencer, MSPH-PhD Student, Health Policy and Management, UNC; Graduated May 2016
- Tom Basson, MSPH Student, Health Policy and Management, UNC; Graduated May 2015
- Maya Espada, MSPH Student, Health Policy and Management, UNC; Graduated May 2015
- Makenzie McIntosh, Health Policy and Management, UNC; Graduated May 2013
- Mysha Sissine, Health Policy and Management, UNC; Graduated May 2013
- Laura Houenou, Health Policy and Management, UNC; Graduated December 2012
- Van Nghiem, Health Policy and Management, UNC; Graduated August 2012
- Aditi Krishna, Health Policy and Management, UNC; Graduated May 2012
- Asiyah Mikell, Health Policy and Management, UNC; Graduated May 2012
- Natalie Gill, Health Policy and Management, UNC; Graduated May 2012
- Jacqueline Marks, Health Policy and Management, UNC; Graduated May 2012
- Natalie Pritchett, Health Policy and Management, UNC; Graduated May 2011
- Racquel Kelly Kohler, Health Policy and Management, UNC; Graduated May 2011

Student mentoring/advising: Undergraduate Honors thesis reader

- Samuel Lee, Health Policy and Management, UNC; Graduated May 2018
- Robert Jungerwirth, Health Policy and Management, UNC; Graduated May 2012

Student mentoring/advising: Graduate research assistant (GRA)/research project supervisor

- Karl Johnson, PhD Student, Health Policy and Management, UNC

- Caitlin Biddell, PhD Student, Health Policy and Management, UNC
- Loren Oh, PhD Student, Health Policy and Management, UNC
- Meghan O'Leary, PhD Student, Health Policy and Management, UNC
- Anagha Gogate, PhD Student, Health Policy and Management, UNC
- Jennifer Spencer, MSPH-PhD Student, Health Policy and Management, UNC
- Jason Rotter, PhD Student, Health Policy and Management, UNC
- Paul Shafer, PhD Student, Health Policy and Management, UNC
- Daniel Erim, PhD Student, Health Policy and Management, UNC
- Mihaela Georgieva, PhD Student, Health Policy and Management, UNC; Graduated May 2018
- Todd Durham, PhD Student, Health Policy and Management, UNC; Graduated Aug 2016
- Emily Gillen, PhD Student, Health Policy and Management, UNC; Graduated May 2016
- Claire Lin, PhD Student, Health Policy and Management, UNC; Graduated May 2017
- Caitlin Murphy, PhD Student, Epidemiology, UNC; Graduated May 2016
- Danielle Durham, PhD Student, Epidemiology, UNC; Graduated May 2016
- Racquel Kelly Kohler, PhD Student, Health Policy and Management, UNC; Graduated May 2015
- Megan Roberts, PhD Student, Health Policy and Management, UNC; Graduated May 2015
- Maya Espada, MSPH Student, Health Policy and Management, UNC; Graduated May 2015
- Leah Zullig, PhD Student, Health Policy and Management, UNC; Graduated May 2013
- Robert Jungerwirth, BSPH Student, Health Policy and Management, UNC; Graduated May 2012

Student mentoring/advising: Academic advisor

- Karl Johnson, PhD Student, Health Policy and Management, UNC
- Caitlin Biddell, PhD Student, Health Policy and Management, UNC
- Loren Oh, MD-PhD Student, Health Policy and Management, UNC
- Meghan O'Leary, PhD Student, Health Policy and Management, UNC
- Anagha Gogate, PhD Student, Health Policy and Management, UNC
- Jennifer Spencer, PhD and MSPH Student, Health Policy and Management, UNC
- Jason Rotter, PhD Student, Health Policy and Management, UNC
- Daniel Erim, PhD Student, Health Policy and Management, UNC
- Mihaela Georgieva, PhD Student, Health Policy and Management, UNC
- Beth Schaffer, PhD Student, Health Policy and Management, UNC
- Antonia Caldwell, MSPH Student, Health Policy and Management, UNC
- Monica Bailey, MSPH Student, Health Policy and Management, UNC
- Jasmine Hutchinson, MSPH Student, Health Policy and Management, UNC
- Emily McClure, MSPH Student, Health Policy and Management, UNC
- Anna Siebers, MSPH Student, Health Policy and Management, UNC
- Jason Martin-Loverdi, MHA Student, Health Policy and Management, UNC
- Chinelo Okigbo, PhD Student, Maternal and Child Health, Minor Area Advisor, UNC
- Nirosha Mahendraratnam, PhD Student, Department of Pharmaceutical Outcomes and Policy, UNC

Post-doctoral mentoring/advising

- Lisa Spees, PhD, Post-doctoral Scholar, Cancer Care Quality Training Program, UNC
- Karen Hicklin, PhD, Post-doctoral Scholar, Cancer Health Disparities Program, UNC

Junior faculty mentoring/advising

- Lisa Spees, Assistant Professor, Health Policy and Management, UNC (since 2020)
- Cleo Samuel, Associate Professor, Health Policy and Management, UNC (since 2017)
- Leah Frerichs, Assistant Professor, Health Policy and Management, UNC (since 2016)
- Alyssa Damon, Assistant Professor, Health Policy and Management, UNC (since 2016)
- Rachel Hirschey, Assistant Professor, Nursing, UNC (since 2019)
- Matthew Painschab, Assistant Professor, Hematology/Oncology, UNC (since 2019)
- Benyam Muluneh, Assistant Professor, Eshelman School of Pharmacy, UNC (since 2019)
- Ben Urick, Assistant Professor, Eshelman School of Pharmacy, UNC (since 2019)
- Daniel Richardson, Assistant Professor, Hematology/Oncology, UNC (since 2020)
- Jacquelyne Gaddy, Instructor, Hematology/Oncology, UNC (since 2020)

CONTRACTS and GRANTS:**Active**

1-R01-CA240092-01 (Wheeler/Rosenstein)	09/01/2019 – 08/31/2024	20%
National Cancer Institute	\$2,319,413	

Addressing Cancer-Related Financial Toxicity In Rural Oncology Care Settings

The objectives of this application are to: (1) understand the practice-level determinants of FT-focused intervention implementation in rural oncology practices; (2) explore the extent to which practice-level technical support and tailored coaching can optimize FN intervention implementation in rural oncology practices; and (3) evaluate the effects of FN implementation on patient- and practice-level outcomes in rural oncology practices.
Role: Co-PI with Rosenstein, Contact PI

1-R01-CA237357-01 (Wheeler/Reeder-Hayes)	09/01/2019 – 08/31/2024	15%
National Cancer Institute	\$3,695,236	

Optimizing Endocrine Therapy Adherence through Motivational Interviewing and Text Interventions

The long-term goal of this research is to improve survival and reduce disparities in HR+ breast cancer by optimizing the delivery of widely available, highly effective and cost-effective ET through interventions to support ET adherence.
Role: Co-PI with Reeder-Hayes, Contact PI

No Number (Wheeler)	05/01/2019 – 08/01/2020	10%
American Cancer Society	\$110,000	

Developing and validating a risk stratification framework for breast cancer survivors

We will develop and validate a risk stratification framework, beginning with breast cancer survivors who constitute the largest share of cancer survivors who may benefit from such risk stratification, in response to the American Cancer Society Request for Proposal (RFP) to provide Coordination and Technical Assistance for the 2018 Patient Navigation & the Cancer Care Delivery Modeling Study.
Role: PI

1-R01-CA226842-01A1 (Dinan)	01/01/2019 – 12/31/2023	2.5%
National Cancer Institute	\$47,000	

Disparities in the Use of Oral Anticancer Agents in Kidney Cancer

It is unclear how persistent disparities in kidney cancer will change with the recent introduction and widespread adoption of oral anticancer agents (OAAs). The proposed study addresses this critical gap in our knowledge by using three complementary data sources to capture both nationally representative, yet diverse populations to include patients of all ages, insurance, geography, and race to study modifiable barriers to optimal OAA utilization and adherence at the level of patients, providers, facilities, and region.
Role: Sub-Contractual Site PI

1-UH3-CA233251-01 (Reuland)	09/01/2018-08/31/2023	15%
National Cancer Institute	\$3.4M total	

Scaling Colorectal Cancer Screening Through Outreach, Referral, and Engagement (SCORE)

This project is innovative in combining outreach and in-reach evidence-based interventions and in its use of stakeholder engaged simulation modeling to inform sustainability of interventions to reduce CRC morbidity, mortality, and disparities in vulnerable communities.
Role: Co-I

3-UH3-CA202663-04S1 (Vinson)	07/01/2016 – 08/31/2021	0.5%
NCI/Becton, Dickinson and Company	\$124,936	

Cytology-Free POC Cervical Cancer Diagnostics for Global Health: Demonstration and Implementation of Self-Collection for HPV Testing in a Federally Qualified Health Center System (UH2/3 Supplement)

We will identify key implementation issues that emerge during focus group discussions and conduct semi-structured interviews with individuals at each participating FQHC who are most directly involved with these identified issues.
Role: Co-I

2-T32-CA116339-11 (Basch/Wheeler)	09/01/2018-08/31/2023	5%
National Cancer Institute	\$500,000 total	
Cancer Care Quality Research Training Program		

This program will train a cadre of clinician and non-clinician scientists at the pre-doctoral and post-doctoral level to work collaboratively in multidisciplinary teams to improve the quality of cancer care.

Role: PI

U48 DP005017-SIP (Wheeler)	10/1/2014-9/30/2024	5-25%
CDC/National Cancer Institute	\$1,350,000 direct	

Cancer Prevention and Control Research Network

UNC is home to the Cancer Prevention and Control Research Network (CPCRN) coordinating center (PI: Wheeler) and to one of eight collaborating centers that comprise the network - the Comprehensive Cancer Control Collaboration, NC (4CNC; Leeman, PI). CPCRN centers undertake site-based and cross-site projects to accelerate the adoption and implementation of evidence-based cancer prevention and control interventions. In a sub-award supplement led by Dr. Wheeler, we also have received directed funding through the CPCRN to extend our research on the behavioral economics of colorectal cancer screening in underserved populations to understand, using our novel microsimulation model, how to optimize CRC screening by implementing evidence-based interventions/policies statewide in North Carolina and Oregon.

Role: PI

5-P30-CA016086-44	(Earp)	06/01/1997 – 11/30/2020	10%
NCI		\$7,252,540	

Cancer Center Core Support Grant (Admin Core)

The Lineberger Comprehensive Cancer Center (LCCC) Administrative Core includes the Senior Leadership Team (SLT) and Center Administration. The SLT establishes the overall strategic direction and research mission for LCCC and center Administration operationalizes this vision. The SLT includes the Director and Associate Directors of Clinical; Basic; Population Science; Translational Research; Education and Training; and Administration that meet weekly to consider all matters impacting LCCC.

Role: I

Pending

Not Assigned	(Earp)	09/01/2020 – 08/31/2021	0.30 Calendar
NIH		\$36,898	

Cancer Center Support Grant (Administrative Supplements for the NCI P30 Cancer Center Support Grants to support community outreach and engagement (COE) activities across the translational research continuum)

Our proposal focuses on assessing how Cancer Centers identify, adapt, implement, and evaluate existing colorectal cancer (CRC) screening evidence-based interventions (EBIs) in collaboration with community stakeholders (Option 2 of Community Outreach Supplement).

Not Assigned	(Earp)	09/01/2020 – 08/31/2021	0.48 Calendar
NIH		\$148,751	

Cancer Center Core Support Grant: Implementing Financial Navigation in NC Community Cancer Centers

This project would extend our ongoing NCI-funded R01 study of financial hardship in rural NC community oncology practices by enabling us to investigate this critical issue in non-rural community oncology practices.

Not Assigned	(Reuland)	09/01/2021 – 08/31/2021	0.60 Calendar
NC DHHS Division of Public Health (DPH)/CDC		\$134,055	

Response to Public Health and Health Systems Partnerships to Increase Colorectal Cancer Screening in Clinical Settings

The technical assistance/evaluation team at LCCC will collect and analyze data to measure implementation and service outcomes; provide intervention support to the team at DHHS; participate in special studies and conduct additional evaluation activities; and facilitate collaborations with CDC-funded as well as other related initiatives at UNC.

Not Assigned	(Dinan)	09/01/2020 – 08/31/2024	0.60 Calendar
Duke University/NIH		\$0	

Development of Cancer Survivorship Risk Models to Inform Pathways of Care

Specifically, the proposed research will develop a claims-based oncologic risk algorithm to predict recurrence & cancer-specific mortality; validate the oncologic risk algorithm in two additional datasets; develop a claims-based risk algorithm to predict non-oncologic mortality, late comorbidities & frailty, and subsequent primary

Malignancies; validate the non-oncologic risk algorithm in two additional datasets; adapt a simplified risk model using institutional clinical data and create a web-based risk calculator that can be used at the point-of-care.

Not Assigned (Wheeler) 09/01/2020 – 08/31/2025 1.80 Calendar
Duke University/NIH \$61,409

The Impact of Cost Transparency on Decisions for Breast Cancer Surgery

Our long-term goal is to help women and their doctors make fully informed, patient-centered decisions that reduce the burden of treatment for patients and improve high-value care.

Not Assigned (Earp) 12/01/2020 – 11/30/2025 1.80 Calendar
NIH \$8,155,726

Cancer Center Core Support Grant (Renewal)

The CCSG budget supports technological and operational expansion of cores and faculty recruitment in the basic, translational, clinical, and population sciences. With these funds, a talented faculty integrated through cancer center mechanisms will make advances in the prevention, early detection, and treatment of cancer in North Carolina and the nation.

Not Assigned (Wheeler) 02/01/2021 – 01/31/2026 1.56 Calendar
Duke University/AHRQ \$59,809

The Impact of Cost Transparency on Decisions for Breast Cancer Surgery

Our long-term goal is to help women and their doctors make fully informed, patient-centered decisions that reduce the burden of treatment for patients and improve high-value care.

Not Assigned (Wheeler) 07/01/2021 – 06/31/2024 0.60 Calendar
Duke University/American Cancer Society \$57,267

Development of Cancer Survivorship Risk Models to Inform Pathways of Care

Together, prostate, breast, and colorectal cancer patients compose roughly half of all cancer survivors and therefore provide the ideal study population for the initial development of risk-stratified survivorship models of care.

Completed

1R01 CA183891-01A1 (Smith) 4/9/2015-3/31/2020 5-10%
National Institutes of Health \$3,012,099 total

Effect of HPV Self-collection on Cervical Cancer Screening in High Risk Women

This study employs a randomized controlled trial to investigate whether cervical cancer screening among under-screened women could be improved with testing for human papillomavirus (HPV) using at-home self-collection kits delivered by mail. This study further explores the cost-effectiveness of such an intervention.

Role: Co-I

1-R01-AG050733-01 (Trogdon) 4/1/2017-3/31/2020 0-10%
National Institute on Aging \$1,000,000 total

Cancer, Care Coordination, and Medication Use for Multiple Chronic Conditions

By investigating patterns of care coordination and medication use for multiple chronic conditions among older adults newly diagnosed with cancer, this study will identify gaps in medication use during cancer treatment and in the transition to survivorship. It will highlight the effects of care coordination policies to improve the management of multiple chronic conditions among older, complex adults diagnosed with cancer.

Role: Co-I

CDC-SIP-17-004 (Wheeler/Trogdon) 10/1/2017-9/30/2019 10-15%
Centers for Disease Control and Prevention \$500,000 total

Economic Burden of Metastatic Breast Cancer across the Life Course

This Special Interest Project will estimate the societal cost of metastatic breast cancer for US women of different ages using a variety of data sources, including cancer registry-linked-claims data from Medicare, Medicaid, and private insurance plans, as well as National Health Interview Survey data. This study will assess the value of various clinical pathways of care for metastatic breast cancer patients across the life course.

Role: PI

No Number (Wheeler/Rosenstein) 6/1/2016-5/31/2019 10%
National Comprehensive Cancer Network/Pfizer \$295,485 total

Independent Grants for Learning and Change (IGLC): Implementing and evaluating medication assistance programming in metastatic breast cancer

Our overarching goal is to develop financial assistance programming that optimizes outcomes for MBC patients (MBCPs) and can be disseminated regionally and nationally. Our specific objectives are to: (1) assess medication needs and financial toxicity among MBCPs; (2) map the processes by which patients, their caregivers, and their providers attempt to access financial support; and (3) develop a rigorous implementation and evaluation plan for a novel financial assistance program to reduce cancer-related financial toxicity.

Role: PI

No Number (Reeder-Hayes) 11/3/2015-11/2/2018 2.5%
Susan G. Komen Foundation \$106,600 direct

Molecular, Treatment and Behavioral Factors in Breast Cancer Race Disparities

This study is expected to identify the key drivers of racial variation in HR+ breast cancer outcomes, to improve our understanding of why women underutilize highly effective and non-toxic endocrine therapy, and to prioritize targets for a future intervention study to improve outcomes for AA women.

Role: Co-I

3P30CA138313 (Alberg) 9/1/2015-3/31/2019 0-10%
National Cancer Institute \$339,909 total

Cancer Center Support Grant Supplement: Geographic Management of Cancer Health Disparities Program (GMAP)

This supplement is intended to enhance capacity in the areas of disparities research, underrepresented investigator/trainee recruitment and career/professional development, communication/dissemination, and evaluation as part of building region-based "hubs" for the support and efficient management of cancer health disparities (CHD) research, training and outreach. The goals of the GMAP initiative are to contribute to the science of cancer health disparities and promote the development of the next generation of competitive, underrepresented cancer and CHD investigators.

Role: UNC Site Program Director/PI, Region I South

5-R25-CA116339-08 (Basch/Reeve/Wheeler) 7/1/2005-8/31/2018 5-10%
National Cancer Institute \$421,535 total

Cancer Care Quality Research Training Program

This program trains clinician and non-clinician scientists at the pre-doctoral and post-doctoral level to collaborate in multidisciplinary teams to improve the quality of cancer care delivered across the cancer care continuum.

Role: PI

Developmental Research Award (Wheeler/Brenner) 1/1/2016-3/31/2017 5% *in kind*
Lineberger Comprehensive Cancer Center \$50,000 total

Mailed reminders plus fecal immunochemical testing (FIT) to increase colorectal cancer screening among Medicaid beneficiaries in Mecklenburg County

A partnership between the county health departments and the Community Care of North Carolina (CCNC) Network, which are regional branches of the state Medicaid quality improvement organization, provides promise for reaching unscreened adult Medicaid beneficiaries in North Carolina. Mecklenburg County is the most populous county in North Carolina and has some of the lowest CRC screening rates in the state. In this study, we test in a randomized controlled trial setting the effectiveness, feasibility, and cost-effectiveness of a mailed reminder plus FIT screening program in a population of Medicaid enrollees in Mecklenburg County.

No salary support.

Role: PI

No Number (Zagar) 7/1/2015-6/30/2017 5% *in kind*
American Society for Therapeutic Radiology and Oncology \$100,000 total

Comparative Effectiveness of Endocrine Therapy and Radiation Therapy Regimens for Elderly Breast Cancer Patients with Suboptimal Adherence

This study examines the comparative effectiveness of endocrine therapy and radiation therapy, alone or in combination, for elderly patients with breast cancer, considering adherence behaviors. The study employs SEER-Medicare and North Carolina all-payer claims linked to state cancer registry data to understand outcomes of treatment to parameterize a simulation model to inform clinical practice.

Role: Co-I

No Number (Peppercorn) 7/1/2012-06/30/2016 20%
American Cancer Society \$531,270 direct
Impact of Benefits Structure and Outreach on Screening Mammography Utilization Rates: The NRECA Mammography Study

This grant evaluates breast cancer screening practices and predictors in a primary rural population.
 Role: Co-I

CDC-SIP-11-041 (Wheeler/Pignone) 10/1/2011-9/30/2014 20%
Centers for Disease Control and Prevention \$829,294 total
Special Interest Project: Behavioral Economics of Colorectal Cancer Screening in Underserved Populations

This study used cancer registry-linked-insurance claims data to identify underserved areas in North Carolina with relatively low CRC screening rates and high CRC mortality, and to examine characteristics of unscreened individuals in these regions. These regions were then targeted for discrete choice experiments to elicit preferences and understand barriers related to CRC screening in underserved communities. These data were combined into a decision support microsimulation model evaluating different strategies for increasing screening.
 Role: PI

No Number (Mayer/Rosenstein) 9/1/2012-12/31/2013 10% *in kind*
University Cancer Research Fund \$207,901 total
Improving survivorship care through communication and coordination

This grant involved two integrated projects: Project 1 focused on development and evaluation of parallel patient and streamlined provider versions of personalized Survivorship Care Plans (SCP) for breast, colon, prostate, and lung cancer survivors; Project 2 focused on enhancing communication and coordination of care between oncology and primary care providers using the SCP and other identified communication tools.

No salary support.

Role: Co-I

Developmental Research Award (Wheeler) 7/1/2012-12/31/2013 20% *in kind*
Lineberger Comprehensive Cancer Center \$50,000 total
Linking cohort study data with insurance claims to understand endocrine therapy initiation among breast cancer survivors

This study assessed the feasibility and utility of linking Carolina Breast Cancer Study Wave III (CBCS-III) data to North Carolina (NC) Medicaid and Blue Cross Blue Shield (BCBS-NC) claims data for endocrine therapy analyses and assessed patient-level and provider-level barriers and facilitators of endocrine therapy initiation.

No salary support.

Role: PI

1-K-12 HS019468-01 (Weinberger) 7/1/2010-6/30/2013 75-95%
Agency for Healthcare Research & Quality \$450,000 estimated direct to Scholar
Mentored Clinical Scientists Comparative Effectiveness Development Award (K12)

The purpose of this research was to improve health outcomes by developing and disseminating evidence-based information to patients, clinicians, and other decision-makers, responding to their expressed needs, about which interventions are most effective for which patients under specific circumstances.

Role: Fellow

No Number (Lich/Bobashev) 3/1/2012-2/28/2013 5-10% *in kind*
NC TraCS Institute Pilot Grant \$50,000 total
Using Systems Science Methods to Improve Colorectal Cancer Screening in North Carolina

In this project we adapted a national (US) colorectal cancer screening model, developed by co-investigators at RTI International, to the North Carolina context.

No salary support.

Role: Co-I

No Number (Shea/Shea) 7/1/2011-6/30/2012 5% *in kind*
University Cancer Research Fund \$77,426 total
Improving Care Quality with Virtual Tumor Boards Using Videoconferencing Technology

The Lineberger Comprehensive Cancer Center (LCCC) Telemedicine Program instituted Virtual Tumor Boards (VTB) in several cancer fields to improve quality of care and multidisciplinary communication between UNC and

community-based physician participants from across North Carolina. This study analyzed processes, outcomes, and feasibility issues to inform future efficacy studies and guide program improvement and planning.

No salary support.

Role: Co-I

No Number (Wheeler) 1/1/2011-6/30/2012 20% *in kind*
University Cancer Research Fund \$65,885 total

Meeting the needs of cancer survivors in NC: Assessing and improving the Medicaid medical home

This grant capitalized on Medicaid's use of the primary care medical home model in NC in examining health care utilization trends, adherence to surveillance guidelines, and health outcomes among low-income breast cancer survivors, in order to understand more clearly how the MH model can be used to improve cancer survivorship.

No salary support.

Role: PI

UL1RR025747 (Wheeler) 9/1/2009-9/1/2010 20% *in kind*
NC TraCS Institute Pilot Grant \$2,000 total

Characteristics and determinants of innovation diffusion, adoption, and patient outcomes related to breast cancer disparities

This study collected and descriptively analyzed secondary data from SEER-Medicare with regard to diffusion of radiation therapy after breast conserving surgery and chemotherapy for hormone-receptor negative, breast cancers, with a focus on underserved racial/ethnic minorities.

No salary support.

Role: PI

S3665-25/26 PEP 2006-R-09 (Weiner) 9/30/2009-9/30/2010 10%
Centers for Disease Control and Prevention \$492,457 total

Breast cancer treatment patterns: Use of breast conserving surgery (BCS) without radiation therapy (RT) among Medicaid recipients with early stage breast cancer in North Carolina

This study used Medicaid claims data linked to the North Carolina Central Cancer Registry to examine whether previously documented disparities in receipt of RT after BCS persisted in more recent data and whether timing of initiation of treatment differed by sub-populations of interest.

Role: Co-I

5-T-32 HS000032-20 (Carey) 9/1/2008-5/7/2010 100%
Agency for Healthcare Research and Quality \$62,000 estimated direct to Trainee

National Research Service Award (NRSA) T-32 Pre-doctoral Traineeship

Doctoral Dissertation entitled "A closer look: health services organization, health disparities, and receipt of high quality breast cancer treatment". This study examined the role that health services characteristics and distance to care play in determining receipt of high quality breast cancer treatment among underserved populations.

Role: Pre-doctoral Trainee

No Number (Wheeler) 8/20/2007-8/20/2008 100%
Family Health International Pre-doctoral Fellowship \$30,000 estimated direct to Trainee

As a research fellow, worked on various internal contracts and projects, including "Community-based provision of injectable contraceptives in Madagascar: Task shifting to expand access to injectable contraceptives in rural sub-Saharan Africa" and "Stories from Rwanda: sequences, templates, and narratives (STN) and the Prevention with Positives project".

Role: Fellow

No Number (Wheeler) 5/1/2007-8/20/2007 N/A
CV Starr International Research Grant \$6,000 total

Center for Global Initiatives and Malawi Summer Institute, Office of Global Health, UNC-CH.

"Malawi Children's Village (MCV): a programmatic evaluation of clinic services" in Mangochi, Malawi.

Role: Scholar

No Number (Wheeler) 1/1/2004-5/1/2006 100%
Rotary International Ambassadorial Fellowship \$25,000 total

Masters Thesis entitled "Knowledge, attitudes and intentions of future health care providers regarding termination of pregnancy (TOP) services in South Africa". This study involved collecting primary survey data from 1300

medical students at two universities in South Africa to examine knowledge, attitudes, training, and future practice intentions with respect to reproductive health care provision.

Role: Scholar

SERVICE:

Department, School, and University service

Lineberger Comprehensive Cancer Center, Commission on Cancer Standards Committee (2020-current)

Lineberger Comprehensive Cancer Center Community Outreach and Engagement Faculty Director (2019-current)

Lineberger Comprehensive Cancer Center Senior Staff, Program Leaders Committee, and Population Sciences Leaders Committee (2019-current)

Health Policy and Management Cancer Outcomes Faculty Search Committee Chair (2019-2020)

Health Policy and Management Executive Committee (2017-current)

Health Policy and Management Cancer Care Quality Training Program Faculty Director (2016-current)

Lineberger Cancer Outcomes Research Program Travel Award Committee (2014-current)

Lineberger Developmental Award Population Sciences Study Section Reviewer (2013-current)

Lineberger Cancer Outcomes Research Program Breakfast Seminar Series Co-Host/Organizer (2012-current)

Health Policy and Management, Wrote/graded Decision Sciences Comprehensive Exam (2011-current)

Lineberger Cancer Information and Population Health Resource (CIPHR) Steering Committee (2010-current)

Health Policy and Management PhD Advisory Committee (2007-2019)

Lineberger Comprehensive Cancer Center CIPHR Faculty Director Search Committee (2018-2019)

Lineberger Marci Kramish Campbell Dissertation Award Reviewer (2015-2018)

Health Policy and Management Dissemination/Implementation & Policy Faculty Search Committee (2017-2018)

Lineberger Comprehensive Cancer Center CIPHR Analyst Search Committee (2016)

Health Policy and Management Strategic Planning Committee (2015-2016)

Health Policy and Management Health Informatics Faculty Search Committee (2015-2016)

Health Policy and Management Fixed Term Teaching Faculty Search Committee (2014-2015)

Biomedical and Public Health Informatics Masters Program Admissions Committee (2014-2015)

Health Policy and Management and Epidemiology Joint Informatics Faculty Search Committee (2013-2014)

Health Policy and Management Analytic Methods Redesign Committee (2013)

Lineberger Comprehensive Cancer Center Health Economics Faculty Search Committee (2013)

Lineberger Comprehensive Cancer Center Patient Reported Outcomes Faculty Search Committee (2013)

Maternal and Child Health, Wrote/graded Health Policy Minor Comprehensive Exam (2013)

Lineberger Comprehensive Cancer Center CIPHR Analyst Search Committee (2012)

Health Policy and Management Diversity and Inclusion Committee (2010-2013)

Professional service

National Cancer Institute, Working Group on the Future of Cancer Health Economics Research (2020-current)

AcademyHealth, Dissemination and Implementation Science Conference, Abstract Reviewer (2020-current)

American Cancer Society, Chair of the Health Policy and Health Services Research Review Committee (2020-current)

National Cancer Institute, Board of Scientific Advisors Prevention Working Group Member (2019-2020)

AcademyHealth, Methods and Data Council Member (2019-current)

National Cancer Institute, Division of Cancer Control and Population Sciences, Implementation Science Consortium National Steering Committee (2019-current)

American Cancer Society, Vice Chair of the Health Policy and Health Services Research Review Committee (2019-current)

American Society for Clinical Oncology, Quality Care Symposium Planning Committee (2018-current)

Alliance for Clinical Trials in Oncology Network Dissemination and Implementation Science Committee Member (2018-current)

North Carolina Colorectal Cancer Roundtable Steering Committee Member (2017-current)

American Cancer Society Study Section Reviewer, Standing Member of the Health Policy and Health Services Research Review Committee (CPHPS) (2017-current)

GMaP Region 1 South Annual Cancer Disparities Symposium Co-Organizer/Co-Host (2016-current)

Alliance for Clinical Trials in Oncology Network Cancer Care Delivery Research Committee Member (2015-current)

Alliance for Clinical Trials in Oncology Network Cancer Disparities Committee Member (2014-current)

Invited Reviewer (2010-current): *JAMA*, *Journal of Clinical Oncology*, *HSR*, *Cancer*, *Medical Care*, *American Journal of Public Health*, *Journal of Oncology Practice*, *American Journal of Preventive Medicine*, *Preventive Medicine*, *Journal of the National Comprehensive Cancer Network*, *Journal of the National Cancer Institute*, *Journal of Adolescent Health*, *Cancer Causes and Control*, *Breast Cancer Research and Treatment*, *Women's Health Issues*, *Journal of Women's Health*, *BMC Health Services Research*, *eGEMS*, *Health Policy and Planning*, *PLOS One*, *World Medical and Health Policy*, *Breast Cancer Targets and Therapy*, *BMC Cancer*

AcademyHealth Annual Research Meeting (ARM) Methods Theme Co-Chair (2017-2018; 2020)

American Association for Cancer Research (AACR) Annual Meeting Scientific Program Committee (2016-2017)

NIH Study Section Reviewer, ad hoc, Health Services Organization and Delivery (HSOD) (2016)

AcademyHealth, Annual Research Meeting ARM Patient Centered Outcomes Research Abstract Reviewer (2014)

American Public Health Association (APHA), Epidemiology Abstract Reviewer (2008-2013)

Society for Medical Decision Making, Abstract Reviewer (2010-2012)

Faculty engagement

Chapel Hill Cooperative Preschool, Volunteer (2016-2020)

American Cancer Society, Triangle Leadership Council Member (2016-2018)

Community Nutrition Partnership (CNP), Chapel Hill NC, Board Chair (2013-2014); Board Member (2009-2014)

Family Health International (FHI), Volunteer (information sessions; unpaid research) (2008-2011)

Malawi Children's Village, Volunteer/Intern (orphanage assistance; unpaid research) (2007)

Rotary International (RI) Ambassadorial Scholar (informational presentations; site visits) (2004-2006)

Yabonga Children's HIV/AIDS Project, Volunteer/Intern (2004)

SPECIAL SKILLS and COMPETENCIES:

Leadership training

- Special Training: UNC Leadership Fundamentals Course (nominated by Dean for year-long leadership development series with other UNC mid-career and senior leaders) (2017-2018); Women ADVANCE Leadership Course (by the UNC Center for Faculty Excellence)

Racial equity training

- Special Training: Racial Equity Institute Groundwater Training (2020)

Insurance claims data analysis, including linked datasets (e.g., SEER-Medicare)

- Special Training: National Cancer Institute's 2-day SEER-Medicare Training (2009)

Stata (preferred quantitative software) and SAS

Qualitative research study design and analysis

- Special Training: ResearchTalk's week-long Qualitative Research Summer Intensive (2012)

Atlas.ti (preferred qualitative software)

Crystal Ball and Microsoft Excel (preferred mathematical modeling software)

EndNote and other references management software

Sawtooth Software (and conjoint analysis methodology)

- Special Training: Sheps Center Decision Support Lab Conjoint Analysis Training (2011)

Other mathematical modeling software, including Arena, TreeAge